

Container Architecture

Course: 3D Visual Communications
University of Belgrade, Faculty of Architecture

- Shipping Containers
- Container Architecture Examples
- Container Housing
- Resources

Dr Mirjana Devetaković
Belgrade, 2014

Shipping Containers

Shipping Containers



Typical Shipyard



<http://bitchinar.ch.wordpress.com/category/shipping-containers/>





This picture is the property of:
www.TheContainerMan.co.uk



Alternative Container Use



Microsoft Windy City data center, Chicago



http://news.cnet.com/8301-13860_3-10364746-56.html



Public facilities



Snack Box, NYC

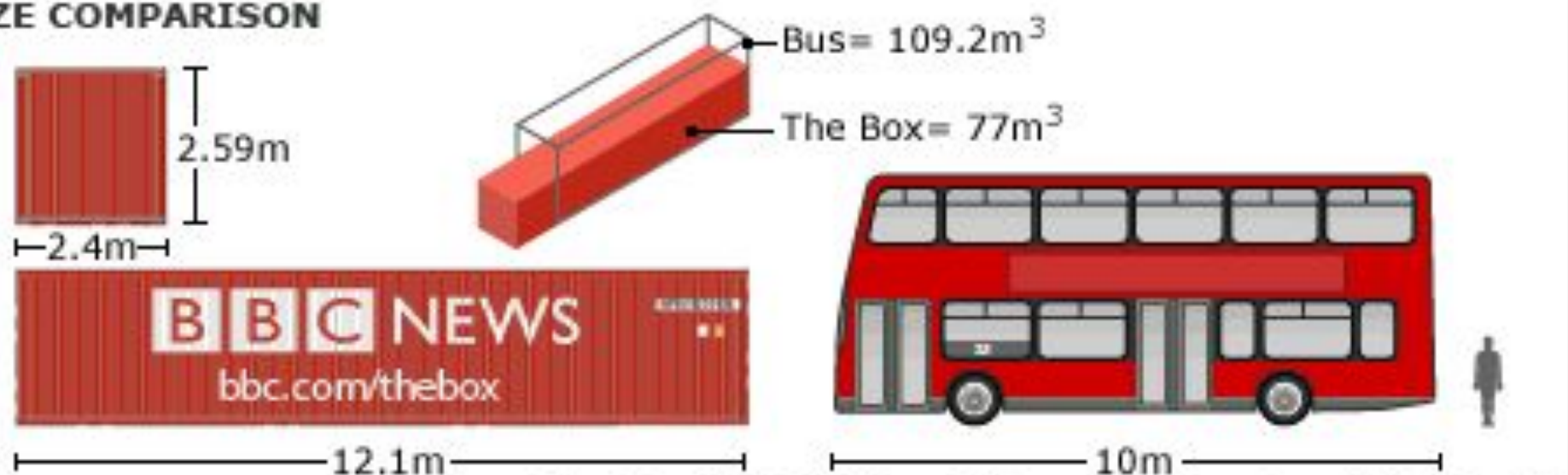


<http://www.snackboxnyc.com/index.html>

THE BOX

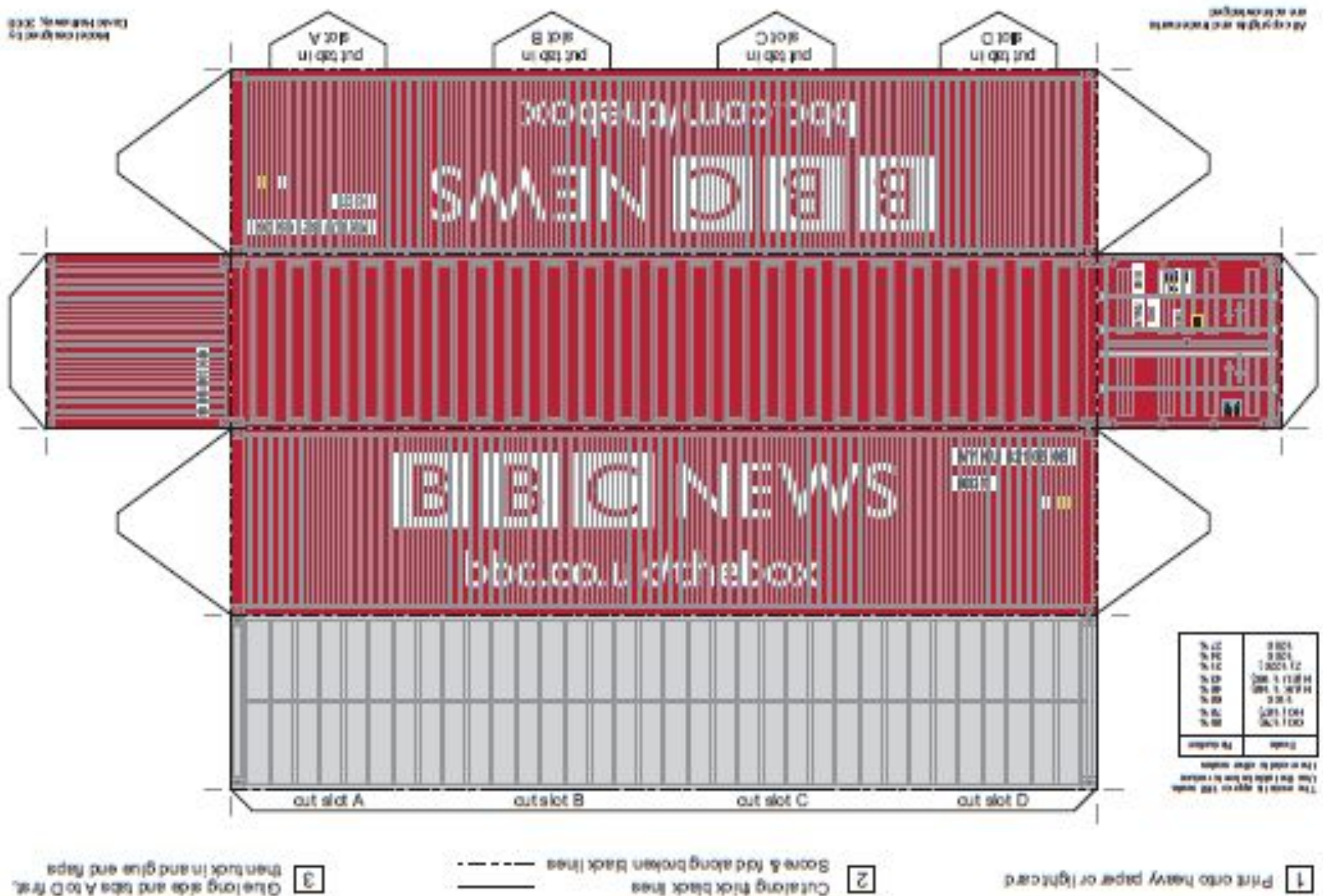


SIZE COMPARISON



TfL. The double-decker in the graphic is a Dennis Enviro 400





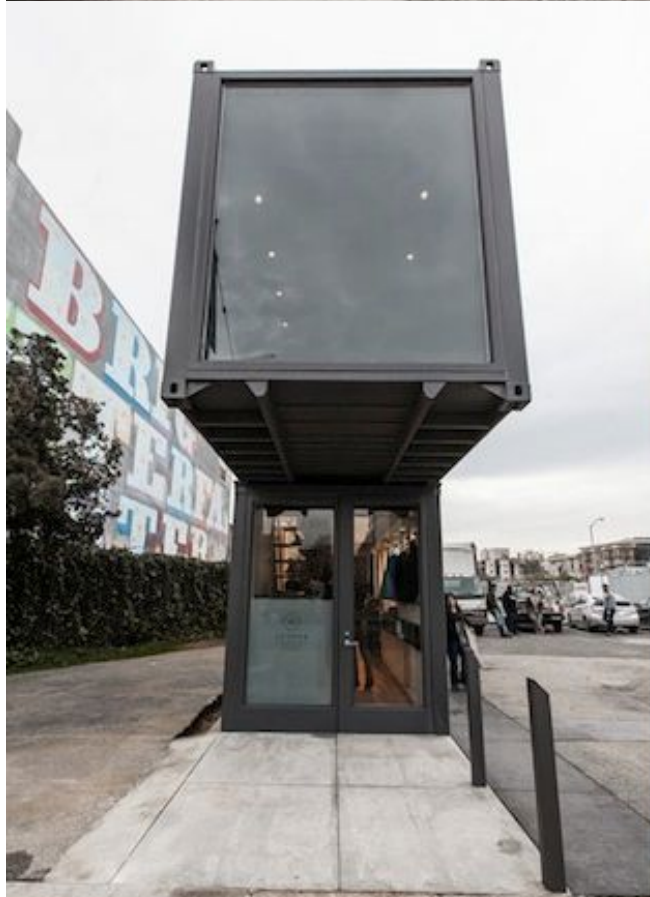


Container Architecture (Cargotecture)



AETHER APPAREL Store, San Francisco

<http://inmaterialdesign.wordpress.com/2013/07/23/shipping-container-shops/>



View Tube Café, London, 2012



Images by B. Alter

Called the View Tube, this stunning cafe is made out of lime green recycled shipping containers. Perched on a hill overlooking the site of the London 2012 Olympics, it is a cafe, a look-out and a gallery space.

It is also much more: a social enterprise, serving as a focal point for the arts, environmental classes, local artists as well as an education centre for the community.

Container Cafe is a View Tube on the Olympic Site

<http://www.treehugger.com/sustainable-product-design/container-cafe-is-a-view-tube-on-the-olympic-site.html>

View Tube Café,
London



Box Office Shipping Container,







529400 9
4261

529400 9
4261

Yoav Messer Architects Ltd: EContainer bridge, Israel

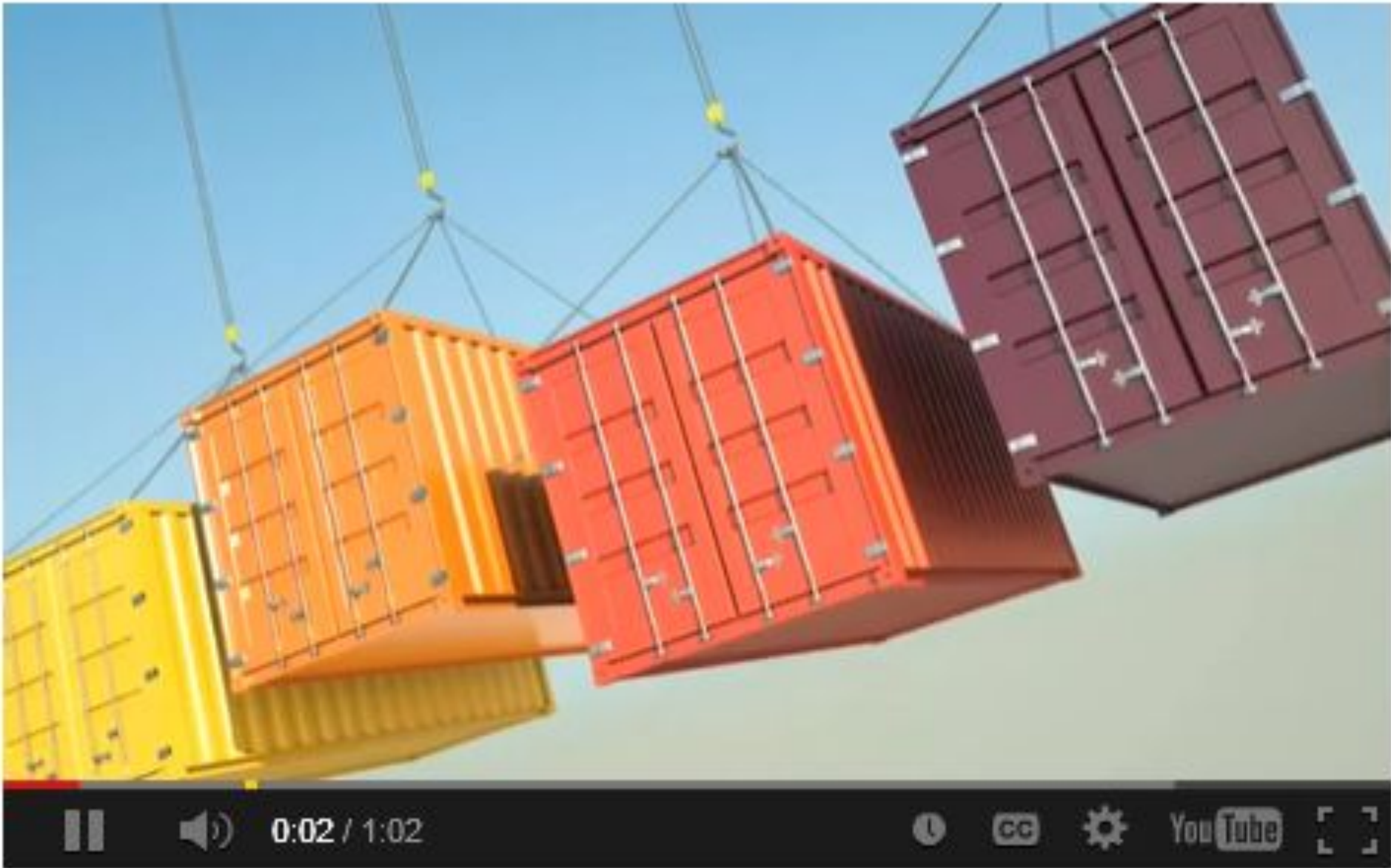


Source of illustration:

DesignBoom,

<http://www.designboom.com/architecture/yoav-messer-architects-econtainer-bridge-israel/>

New Shipping Container Bridge Concept



<http://www.messer-architects.co.il/econtainer-bridge.html>

<http://youtu.be/XbF-MBr0Vlk>

Casa Oruga: shipping container home snakes across the Andes



Source of illustration:

DesignBoom, Casa Oruga: shipping container home snakes across the Andes

<http://www.designboom.com/architecture/casa-oruga-shipping-container-home-snakes-across-the-andes/> (Jan. 2014)



Source of illustration:

DesignBoom, Casa Oruga: shipping container home snakes across the Andes

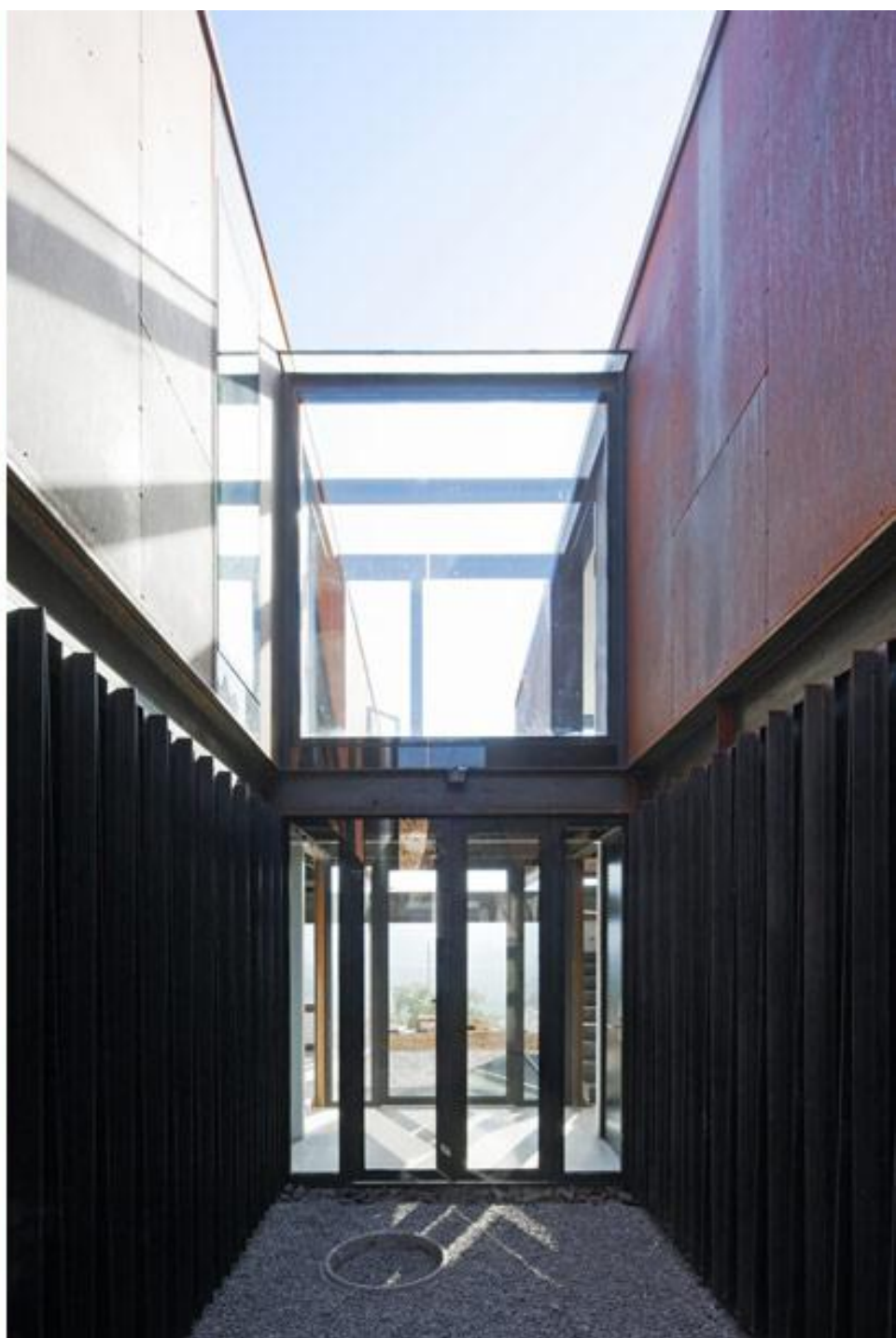
<http://www.designboom.com/architecture/casa-oruga-shipping-container-home-snakes-across-the-andes/> (Jan. 2014)



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DesignBoom, Casa Oruga: shipping container home snakes across the Andes

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<http://www.designboom.com/architecture/casa-oruga-shipping-container-home-snakes-across-the-andes/> (Jan. 2014)

project info:

name of the project : casa oruga
/caterpillar house

architect: sebastián irarrázaval delpiano
associated architect: erick caro

client: ricardo bezanilla

location: los trapenses , lo barnechea,
santiago de chile

structural engineer: pedro bartolomé

construction: sebastián irarrázaval
arquitectos

site supervision: ricardo carril

materials:

5 x 40" standard shipping containers,
6 x 20" standard shipping containers and
1 x 40" open top shipping container,
steel plates , concrete retaining walls,
and gypsum board , timber wood

site area: 900 mt²

gross built area: 350 m²





Barneveld Noord Bus Station, the Netherlands

'designed to improve the waiting experience', NL Architects



Source of illustration:

NL architects convert containers into barneveld noord station

<http://www.designboom.com/architecture/nl-architects-convert-containers-into-barneveld-noord-station-10-23-2013/> (Jan. 2014)

Barneveld Noord Bus Station, the Netherlands

'designed to improve the waiting experience', NL Architects



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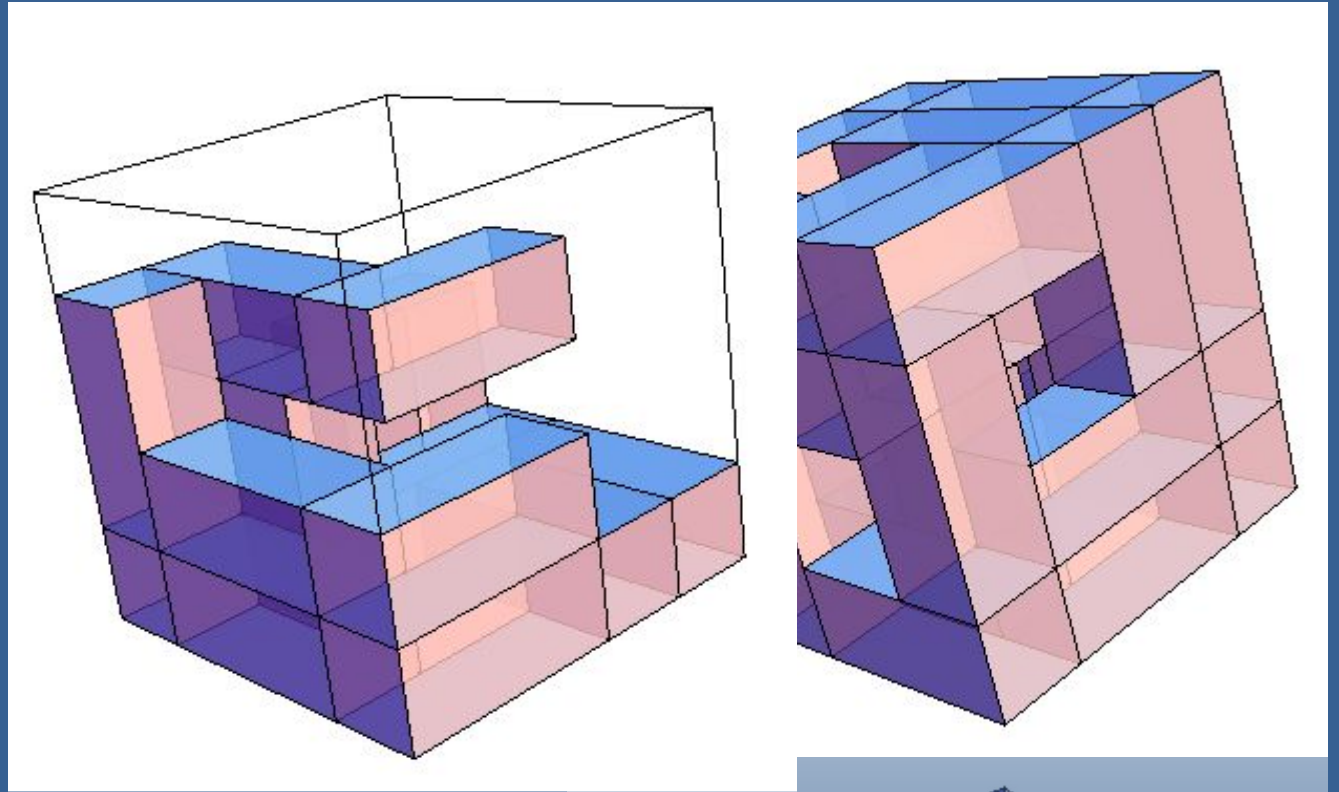
Cité A Docks Student Housing

Cattani Architects, Le Havre, France



Source of illustration:

<http://openbuildings.com/buildings/cite-a-docks-student-housing-profile-5787>



Geometry of a shipping container



12.00

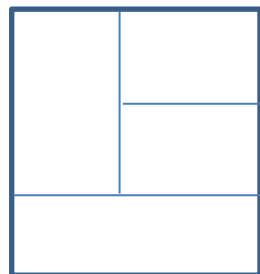
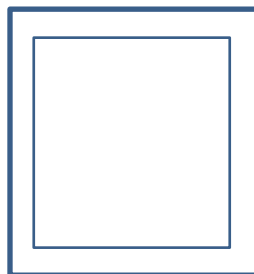
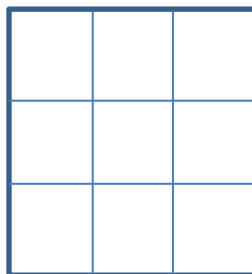
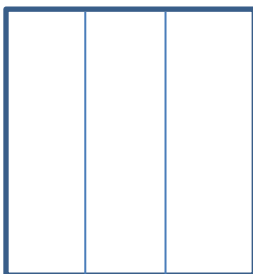
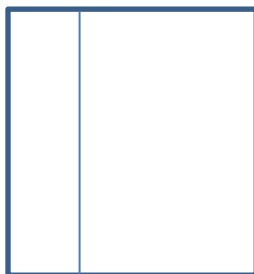
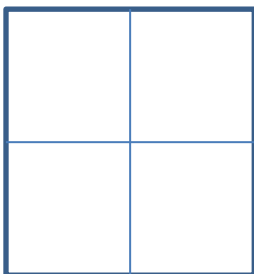
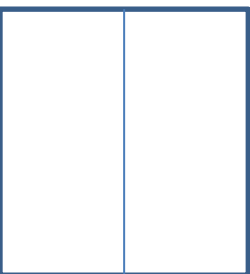
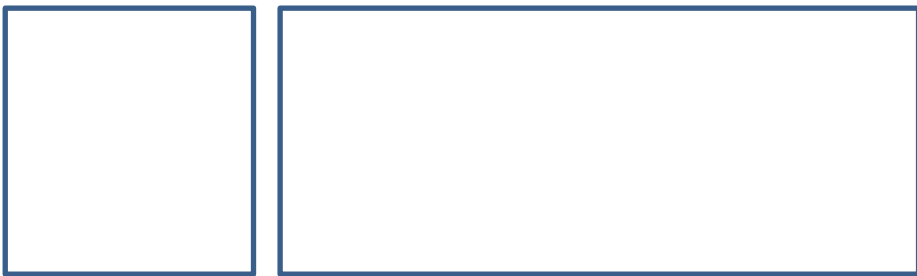
2.90

2.60

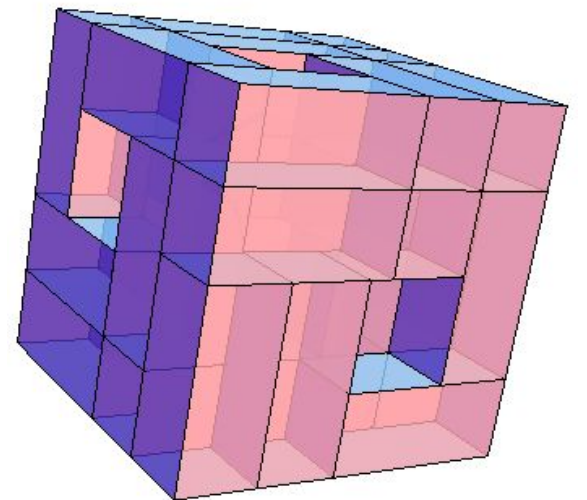
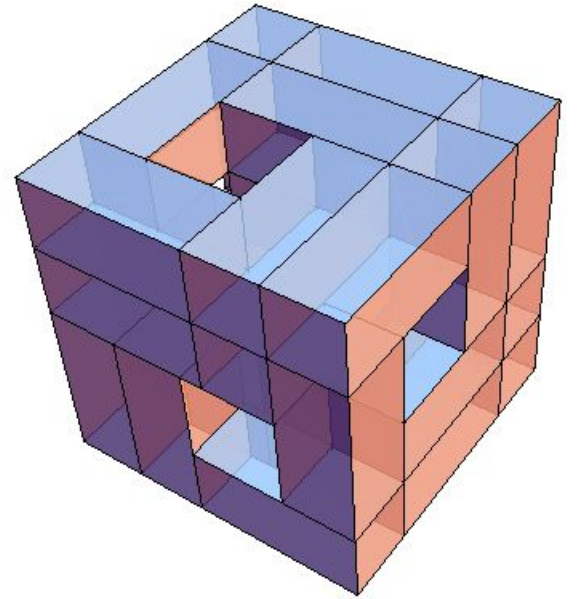
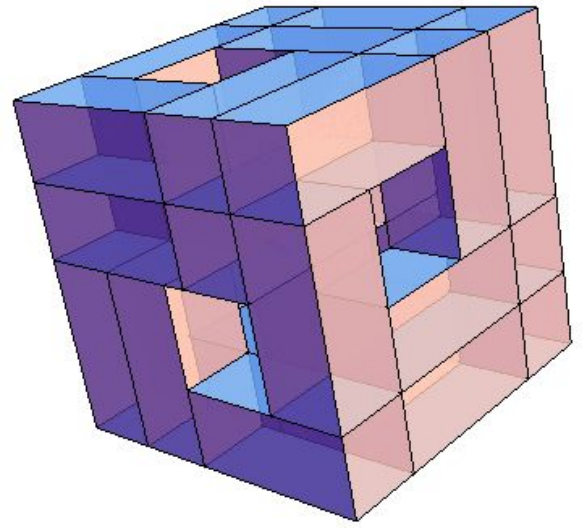
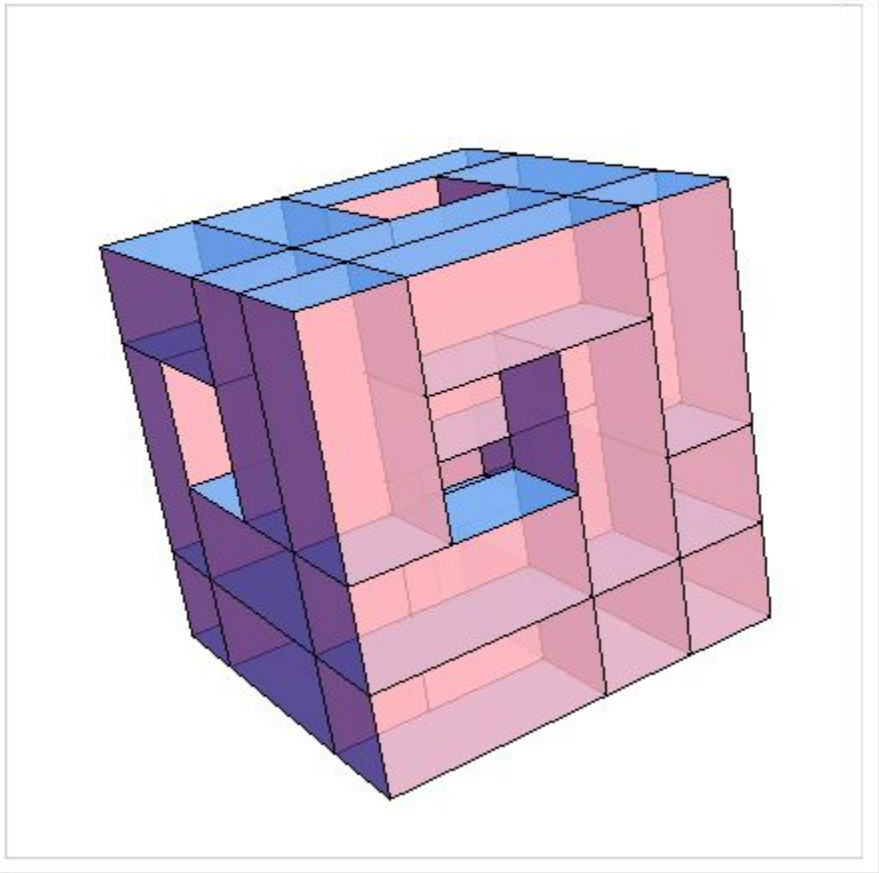


2.45

6.00



a 2.6
b 2.6
c 6
opacity 0.8
number of boxes 27



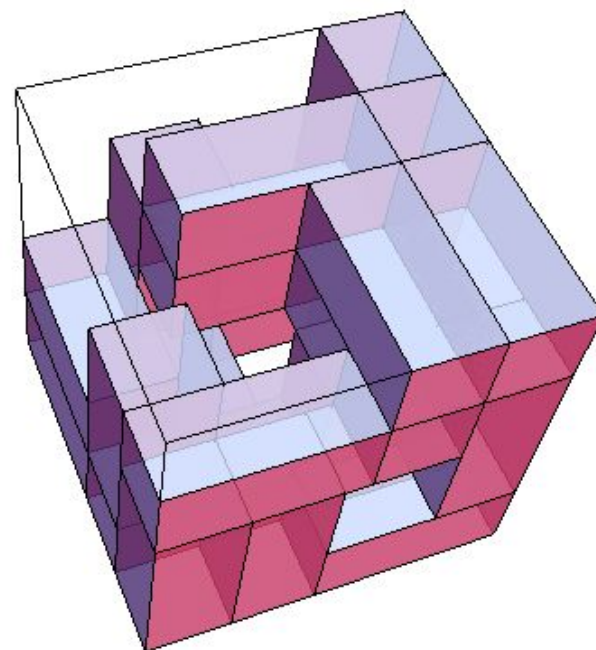
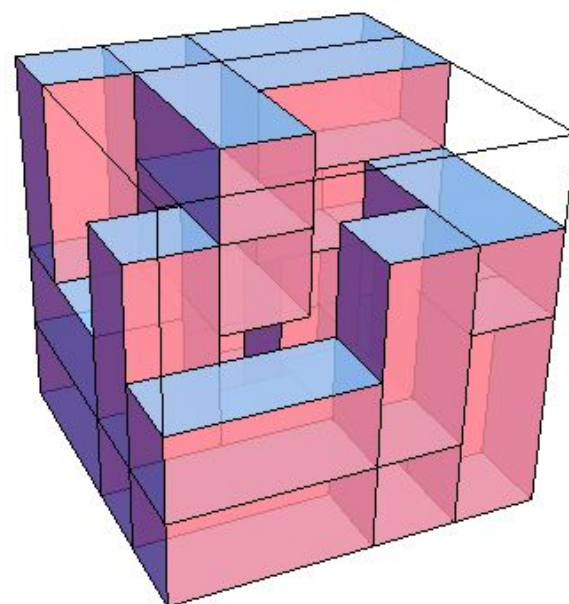
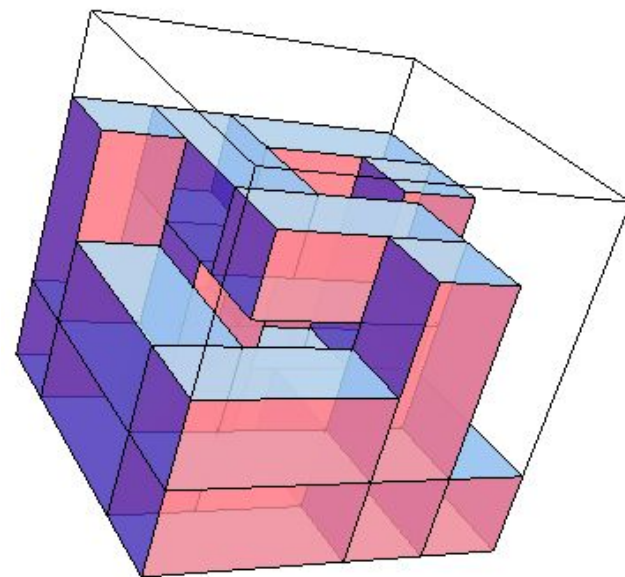
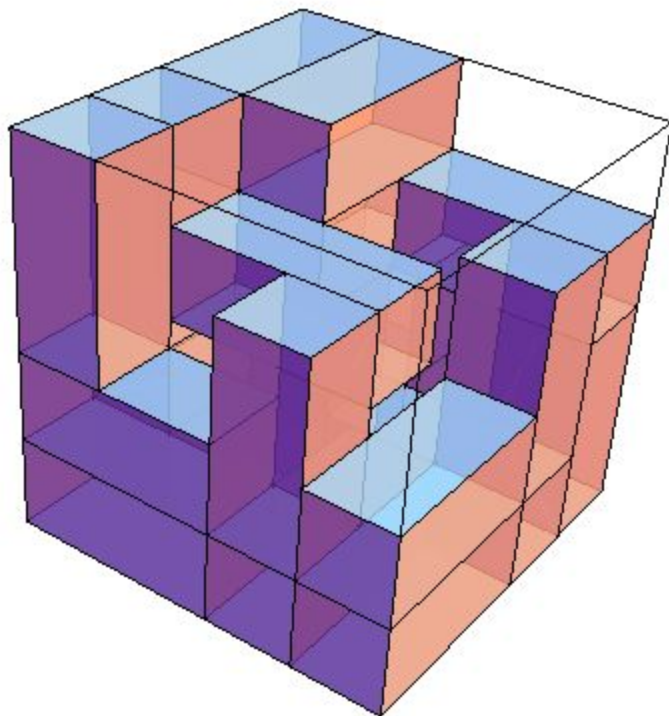
a 2.6

b 2.6

c 6

opacity 0.8

number of boxes 22



THE BOX

How the Shipping Container
Made the World Smaller and the
World Economy Bigger



Marc Levinson

[http://empire-logistics.org/wp-content/uploads/2012/11/Marc Levinson on The Box How the Shipping Container Made the World Smaller and the World Economy Bigger 2006.pdf](http://empire-logistics.org/wp-content/uploads/2012/11/Marc_Levinson_The_Box_How_the_Shipping_Container_Made_the_World_Smaller_and_the_World_Economy_Bigger_2006.pdf)

the box

the world made



containers

we turned our shipping containers into a gallery and studios, but what would you do with yours?

All at Containers Art have teamed up with the design team, Ron Jones, Commercial Architecture who delivered our installation by March at our first container people competition. The competition is being hosted by global creative platform, iStockphoto and supported by RIBA.

The challenge is to describe how you would use a shipping container and to describe its value and importance by re-imagining it, just as we did with ours.

The best 20 entries will be exhibited in a specially created tented gallery at the Containers Art Gallery in the summer of 2014 in association with RIBA, with publicity of their work, and the winning artist will have the possibility of a much sought after residency with UCA. There may also be the opportunity to reuse the exhibition at other venues and public installations (and we are still exploring the ways to make this vision a reality - but we don't know!)

The judging event will include representatives from Containers Art, UCA, and RIBA.

For details of the competition entry requirements visit our dedicated page and will be available on our Facebook site when the formal competition is launched (approximately Jan/Feb 2014). Follow us on Facebook and Twitter (@containersart) to keep up to date on the competition.

3> Go around the line!

We are pleased to have Martin, author of The Box: How the Shipping Container Made the World Smaller and the World Economy Bigger (2006), Preserved (Creative) Freedom for his inspiration and public words visit www.containersart.com. Martin's version will also join our judging panel!

3< Upload your entry here!



CONTAINERS
ART GALLERY

RIBA

LABORHOUSE

