

newsletter

03

tuesday 20.11.12

**Open Technical Lecture 03:
Environmental Design: Developing an Environmental Strategy**

This lecture describes what an environmental strategy is and how to go about devising one. The lecture looks at human comfort, in particular the building physics of thermal comfort and how this relates to climate. The lecture looks at some passive design techniques in the context of different climates and provides examples from some completed buildings.



by Liebig

Hareth Pochee

Hareth has been working as a building physicist and services engineer at Max Fordham LLP for the past 12 years. Hareth's fields of interest and expertise include; environmental design, low and zero carbon buildings, computer modelling, daylight design, renewable energy systems and low – tech design. In addition to commercial projects, Hareth also runs MFLLP's Developing Countries Group which is concerned with providing the world's poorest people with access to architecture and engineering design services. Hareth's current and completed projects include : Rainham Marshes Environment and Education Centre with Van Heyningen Haward Architects, MAXXI with Zaha Hadid Architects, Brockholes Visitors Centre with Adam Khan Architects Transforming Tate Britain with Caruso St John Architects and The Patongo Vocational Training Centre with Article 25+Henning Stummel Architects.

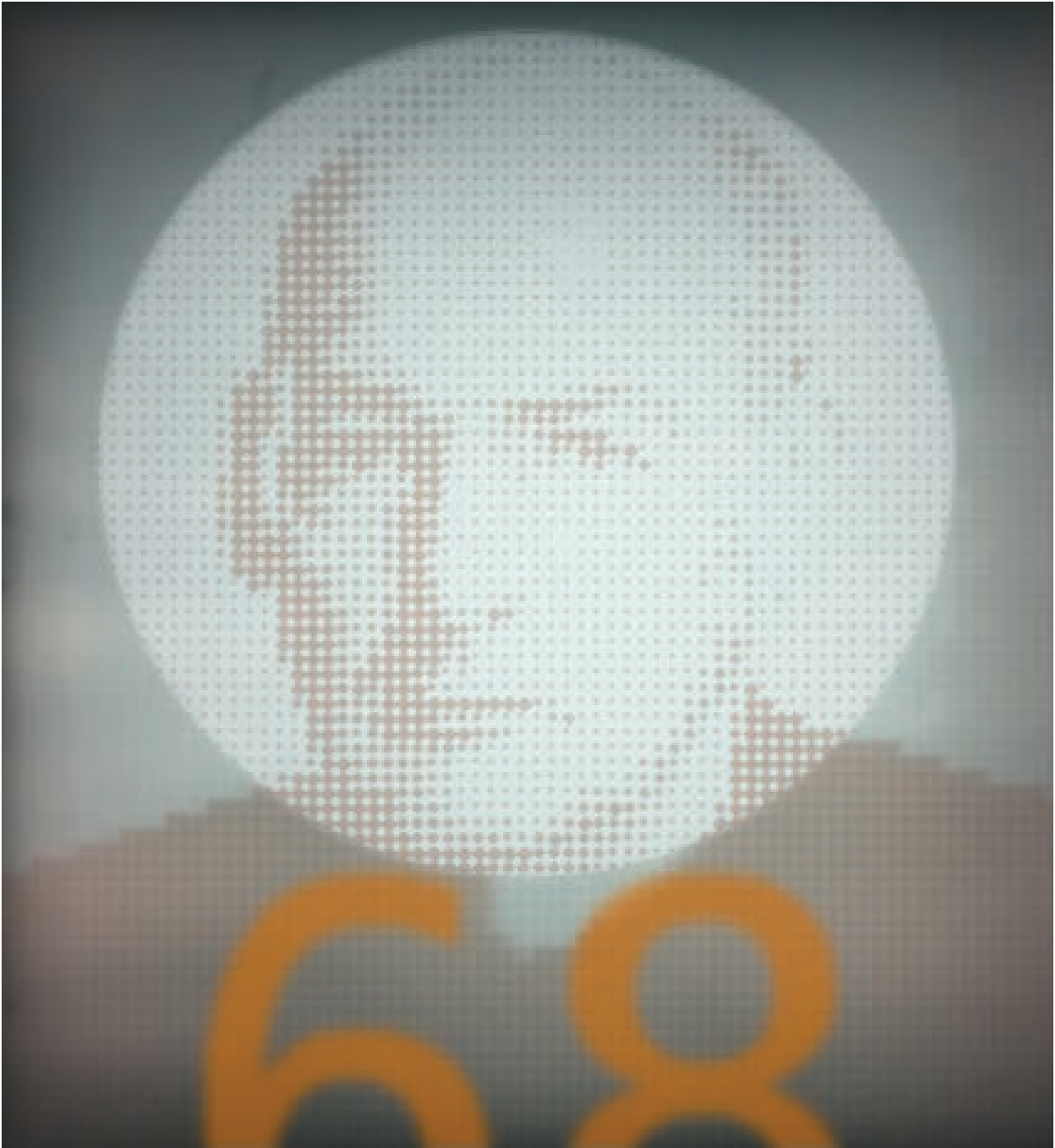


"If space junk is the human debris that litters the universe, junkspace is the residue mankind leaves on the planet...Modernization had a rational program: to share the blessings of science, universally. Junkspace is its apotheosis, or meltdown. ...Although its individual parts are the outcome of brilliant inventions, hypertechnical, lucidly planned by human intelligence, imagination, and infinite computation, their sum spells the end of Enlightenment, its resurrection as farce, a low-grade purgatory." Rem Koolhaas in an interview with Gary Wolf for WIRED June 2000

cofounder of OMA

REM KOOLHAAS

turned 68 on the 17.11.12



Rem Koolhaas founded OMA in 1975 together with Elia and Zoe Zenghelis and Madelon Vriesendorp. He graduated from the Architectural Association in London and in 1978 published *Delirious New York: A Retroactive Manifesto for Manhattan*. In 1995, his book *S,M,L,XL* summarized the work of OMA in "a novel about architecture." He heads the work of both OMA and AMO, the research branch of OMA, operating in areas beyond the realm of architecture such as media, politics, renewable energy and fashion. Koolhaas has won several international awards including the Pritzker Architecture Prize in 2000 and the Golden Lion for Lifetime Achievement at the 2010 Venice Biennale. Koolhaas is a professor at Harvard University where he conducts the Project on the City.

Undergraduate BA / unit 5 Venice.

photograph: Elise Alden (2nd year student) sitting in Piazza S.Marco on Sunday morning during the high tide.

Unit 5 has just returned from an intense five days in Venice. As we arrived on Friday afternoon and began our journey with a typical Italian dinner, we soon moved to the streets of Verona and Vicenza to study and observe the architecture of Carlo Scarpa and Palladio. Although Unit 5 was prepared and equipped for the possibility of encountering l'acqua alta (high tide) in Venice, some of the students found themselves "swimming" in Piazza S. Marco as on Sunday morning the high tide mark in Venice reached its sixth-highest level since 1872. However, the weather conditions did not stop Unit 5 from visiting the Venice Biennale in the afternoon.

Marta Carini unit 5



"Deptford Creek is an urban hinterland in an area set back from the River Thames known as Greenwich Reach. The site is an interstitial, semi-industrial zone, on the borderline between Lewisham and the Borough of Greenwich. Once the first Royal port and home of ship building and flour mills, which then acted as a major cattle farm. The highly productive creek was later once home to industrial activity from chemical and engineering works, to breweries, food stores and verdigris works for the manufacture of copper sulphate.

Since its industrial heyday in the 18th century, the area has declined in line with the fall of the shipping industry. In the last 15 years it has undergone significant regeneration with the new DLR station and mixed used housing and more recently with the Laban Dance Centre and a range of artist studios, natural centre and the site of a major archaeological works. The area is still in transition with a number of empty sites and further proposals for mixed used housing. The site is a fertile and experimental testing ground for new hybrid forms of architecture."



Under First year unit 4: Deptford Creek Tour.

Max Dewdney + Jen Wan

diary

03

monday 19.11.12

- **Design Futures**
lunch hour lecture

1960-1970: Nouveau Realism, Minimalism and Conceptual Art

Susanne Isa
13.00 South Studio

- **Architecture & Landscape Departmental Meeting**
invited staff and students
14.15pm check emails for location

tuesday 20.11.12

- **First year BA / unit 1**
unit staff
tutorials
10.00 [all day] studio

- **First year BA / unit 2**
unit staff
tutorials
10.00 [all day] studio

- **First year BA / unit 3**
unit staff
tutorials
10.00 [all day] studio

- **First year BA / unit 4**
unit staff
tutorials
see news on recent site visit
10.00 [all day] studio

- **Student reps meeting**
please contact Marta Carini
13.00 tbc

- **Undergraduate BA / unit 1**
unit staff
tutorials
from 10.00 [all day] unit space

- **Undergraduate BA / unit 2**
unit staff
after Berlin tutorials
from 10.00 [all day] unit space

- **Undergraduate BA / unit 3**
unit staff
tutorials
from 10.00 [all day] unit space

- **Undergraduate BA / unit 4**
unit staff
pre Rome tutorials
from 10.00 [all day] unit space

- **Undergraduate BA / unit 5**
unit staff
tutorials on final short project 'Elevation'
see news on fieldtrip
10.00 [all day] unit space

- **Undergraduate BA / unit 6**
unit staff
tutorials
10.00 [all day] unit space

- **Undergraduate BA / unit 7**
unit staff
tutorials
10.00 [all day] unit space

- **EVENING LECTURE**
Hareth Pochee
Open Technical Lecture 03:
Environmental Design: Developing an Environmental Strategy
Required attendance for all final year 3 BA and Diploma year 1 .All others welcome.
18.00 Norbert Singer Lecture Theater
please see newsletter for information.

wednesday 21.11.12

- **Undergraduate BA / unit 4**
unit staff + students
field trip to Rome returning tuesday 27.11.12

- **Technology / BA year 2 FDA2 + PDA3**
Green Engineering of Future Cities
Howard Gilby
seminar sessions
with Alistair Barr of Barr Gazetas Architects.
The session will cover various issues from Cordon Bleu urban pHarming to New York high line stories and how to achieve a "BREEAM Outstanding" rating tapping into Geothermal.
10.00-1300 for units 1,2,3 and
13.30 - 16.30pm for units 4,5,6,7
Venue "GREEN WORKS, Battle McCarthy Offices, Holburn, WC1R 4BH
please be on time and prepared

- **Diploma / unit 15**

unit staff

tutorials

10.00 [all day] Mezzanine

- **Diploma / unit 16**

unit staff

tutorials

10.00 [all day] North Studio 01

- **Diploma / unit 19**

unit staff

tutorials

10.00 [all day] North Studio 01

EVENING LECTURE



Gateway

Nic Clear

Plagiarism is necessary

18.00 Norbert Singer Lecture Theater

thursday 22.11.12

- **First year BA / unit 1**

unit staff

tutorials

10.00 [all day] studio

- **First year BA / unit 2**

unit staff

tutorials

10.00 [all day] studio

- **First year BA / unit 3**

unit staff

tutorials

10.00 [all day] studio

- **First year BA / unit 4**

unit staff

tutorials

10.00 [all day] studio

- **dissertation tutorials**

BA year 3 FDA3+PDA4

Please book times with tutors

- **Design and Communications**

film and lecture series

please check out poster

17.30 Norbert Singer Lecture Theater

History + Theory / year 2 BA FDA2+PDA2

History + Theory

Marko Jobst

friday 23.11.12

- **first year BA**

Susanne Isa

drop in clinic

please email if you wish to have a session

10.00-11.00 first year studio

- **History + Theory / first year BA FDA1**

History + Theory seminars

Marko Jobst

please contact Marco

- **Undergraduate BA / unit 7**

unit staff + Will Alsop

technical session

at TESTbed1 in Battersea with presentations in the Doodle Bar.

TESTbed1 is a creative space with artists in central London {Vivienne Westwood, squint opera}.

please confirm start time with tutors

- **Diploma / unit 15**

unit staff

10.00 [all day] Maritime Campus

- **Diploma / unit 16**

unit staff

10.00 [all day] Studio 01

- **Diploma / unit 19**

unit staff

10.00 [all day] Maritime Campus

Copydate : 17.00 Wednesday

the newsletter is published every Friday. If you would like something listed please give image and text to your unit rep and email to is08@gre.ac.uk by **17.00 on Wednesday**.

edited and produced by Susanne Isa

useful things



Ron Herron's Scalpel circa 1994

A **scalpel**, or **lancet**, is a small and extremely sharp bladed instrument used for surgery, anatomical dissection, and various arts and crafts (called a **hobby knife**). Scalpels may be single-use disposable or reusable. Re-usable scalpels can have attached, resharpenable blades or, more commonly, non-attached, replaceable blades. Disposable scalpels usually have a plastic handle with an extensible blade (like a utility knife) and are used once, then the entire instrument discarded. Scalpel blades are usually individually packed in sterile pouches but are also offered non-sterile. Double-edged scalpels are referred to as "lancets".

taken from wikipedia



Swann-Morton was founded in Sheffield in 1932, and manufactures around 70 individual blades shapes and 30 different handles of surgical blades, scalpels and handles. In Podiatric Surgery the 10, 11, 15, 15T and D/15 blades are used for more invasive procedures such as correcting deformities and abnormalities in the foot or cutting away sections of the nail which may have become ingrown. For Veterinarians The the 10 blade is popular in both canine and feline surgery.

taken from <http://www.swann-morton.com>

The **10A** scalpel blade is used by designers as it offers greater control than a stanley knife. For drawings done on tracing paper with ink mistakes made were erased by using the flatness of the **10A** blade, or you could use a razor blades. A form of dermaplaning which, with increase use of the the computer to make work, is becoming a lost skill. It is also a useful blade for collaging etc. Always use a new blade and handle with care. Treat it with respect remembering its real function is to penetrate flesh. Dull blades should be disposed of with care and any blades that are still good should be protected. Swann-Morton manufacture Retactaway knife complete with 10A blades.

In event of an accident you need to determine the extent of your injury. Depending where you are alert someone and if possible go to the nearest first aider. Please read the following advice on the internet as published by the NHS. It is important to make sure that any wound is kept clean, to avoid an infection. **If the wound is still bleeding** cover it with a clean cloth then apply pressure with the palm of your hand, then keep the pressure on the wound for 15 minutes.

<http://www.nhsdirect.nhs.uk/Wounds/WoundsCutsGrazes>

Standard Surgical Blades & Stitch Cutter

Standard Surgical Blades - Sterile

- Sterile Blades in Carbon Steel.
- Non-Sterile Blades in Carbon Steel.
- Sterile Blades in Stainless Steel.



Stitch Cutter Blades - Sterile



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Safe Handling of Swann-Morton Products

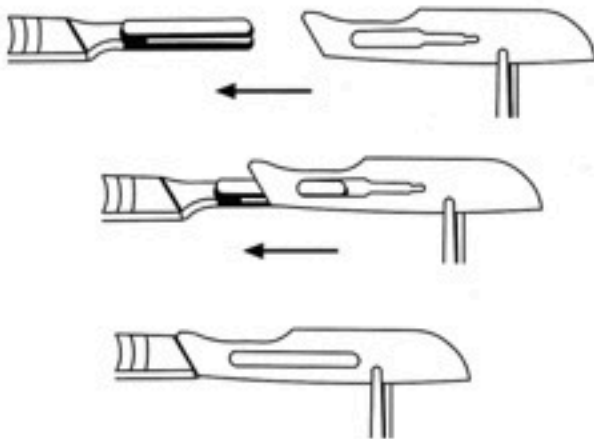
The way in which a surgical blade is handled prior to use can determine how effectively it performs during use. There are a number of ways that the cutting edge of a blade can become damaged once removed from its protective foil packet:

When removing a blade from the protective packet make sure it is not dropped into a metal bowl or container as this can reduce the initial keenness of the cutting edge even before it is fitted to the handle.

If you have to use forceps or needle holders to remove the blade from its protective packet ensure that you do not grip the blade across the cutting edge.

Attach A Surgical Blade

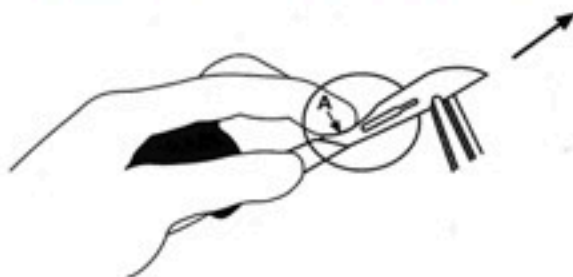
Use the following procedure to attach a surgical blade:



- A. Grip blade with forceps, or similar, avoiding contact with cutting edge.
- B. Hold handle in left hand with bayonet fitting uppermost.
- C. Place blade partway over handle fitting and engage slots.
- D. Slide blade until it clicks into position.
- E. To improve assembly, flex blade slightly upwards when sliding onto the handle.

To Remove A Surgical Blade:

Use the following procedure to detach a surgical blade:



1. Grip blade with forceps, or similar.
2. Lift heel of blade at point 'A' with tip of finger, avoiding contact with cutting edge and carefully slide the blade away from the handle.