

THOMAS BALAGUER





DUALITY

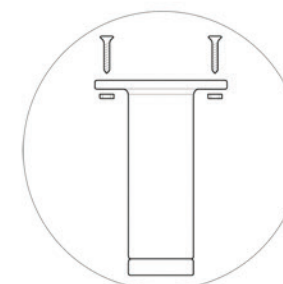
MULTIFUNCTIONAL TABLE & COUCH

DESIGN BRIEF

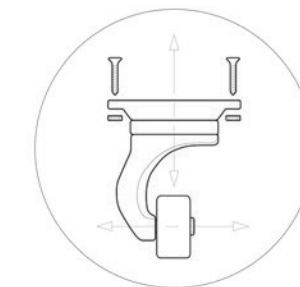
Duality is a sustainable, economical furniture piece, designed for young energetic individuals. Folding from a couch to a table, it utilizes its environment to fit into limited spaces.



DESIGN EXPERIENCE



Interchangeable feet enables portability while utilizing existing skateboard hardware and skate tools.



Rubber part keeps wheel in place.

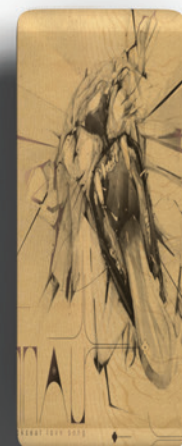


GRAPHIC CHOICE

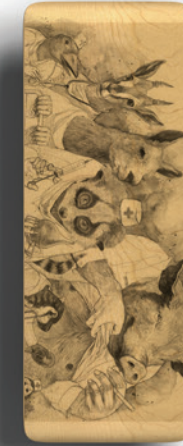
Interchangeable, scratch resistant vinyl decals add graphic choice to the design. Non-permanent adhesive backing allows for the peel off skins to be removed without glue residue. Vinyl decals can be rolled and reused or recycled after being used.



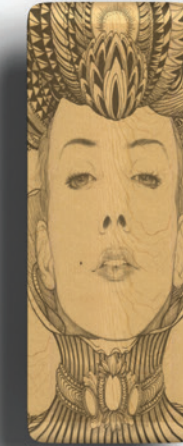
Rene Almanza



Alexis Marcou



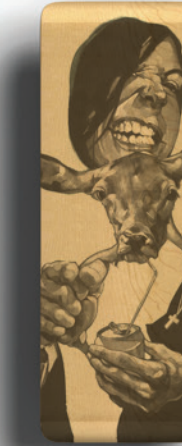
Dmitry Ligay



Lain Macarthur



Lain Macarthur

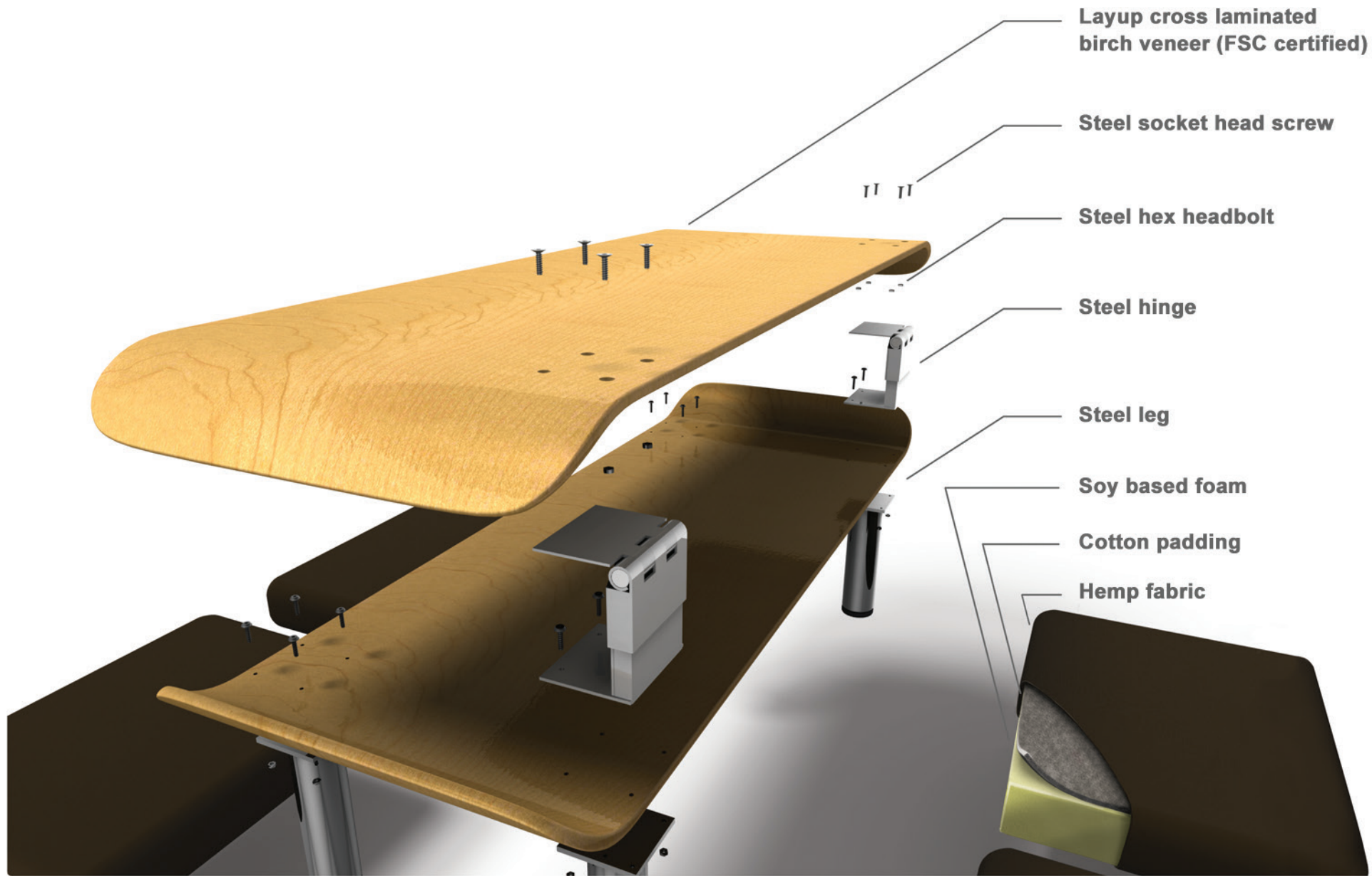


Stamatias Laskos

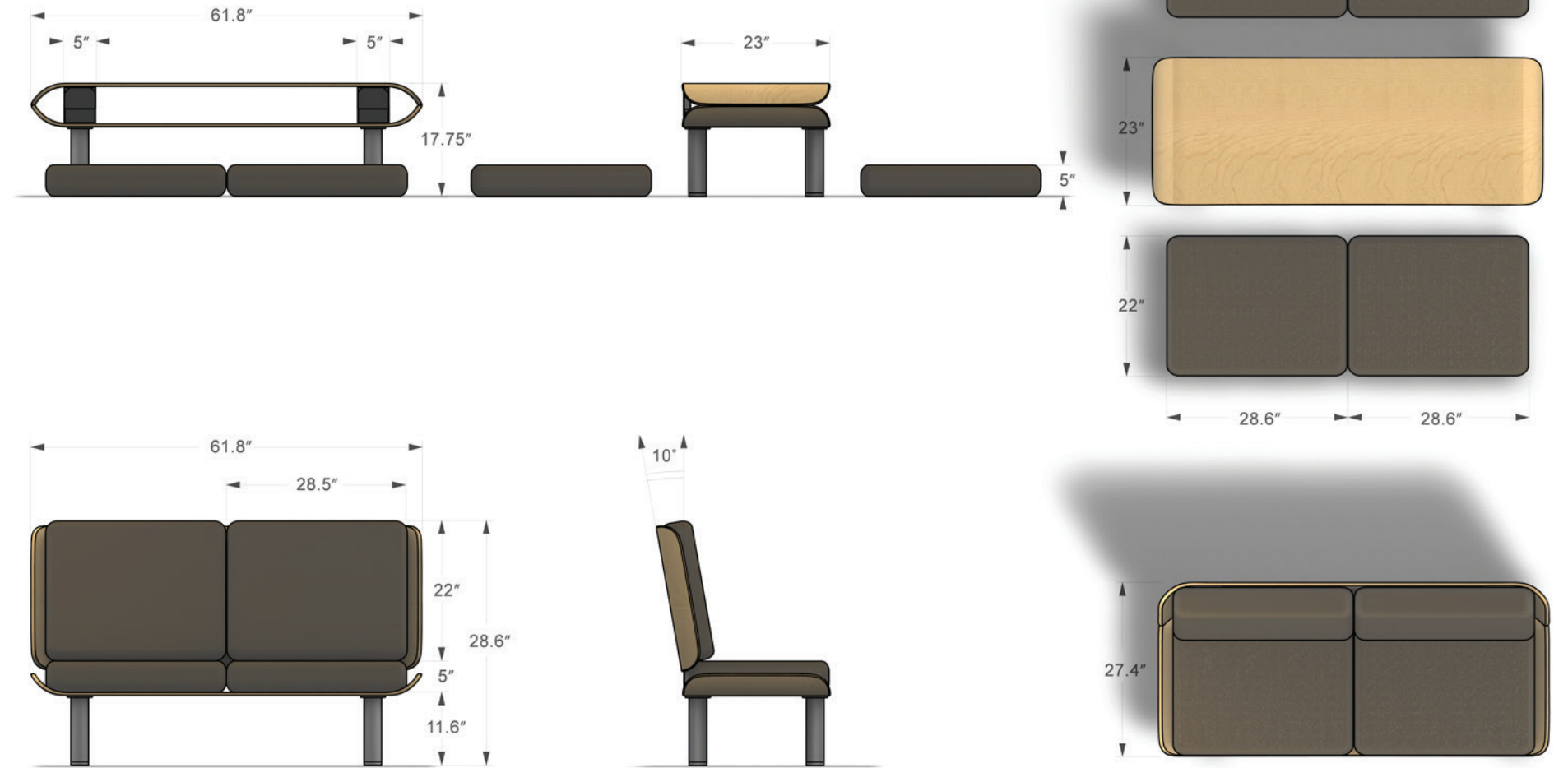


Jan Piasek

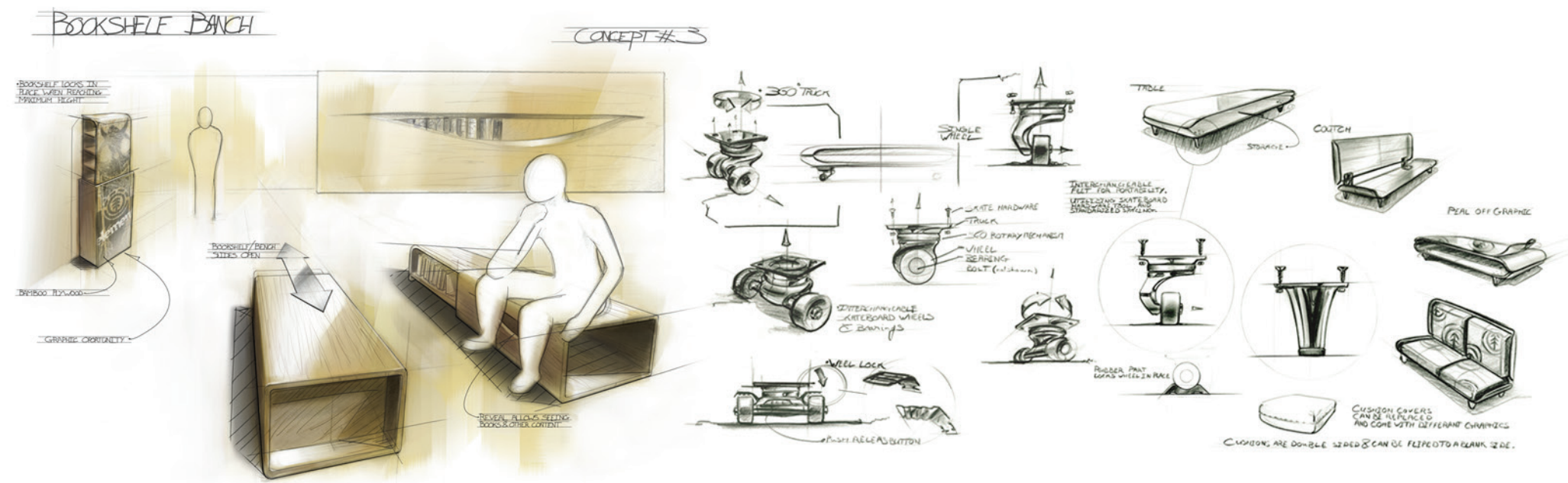
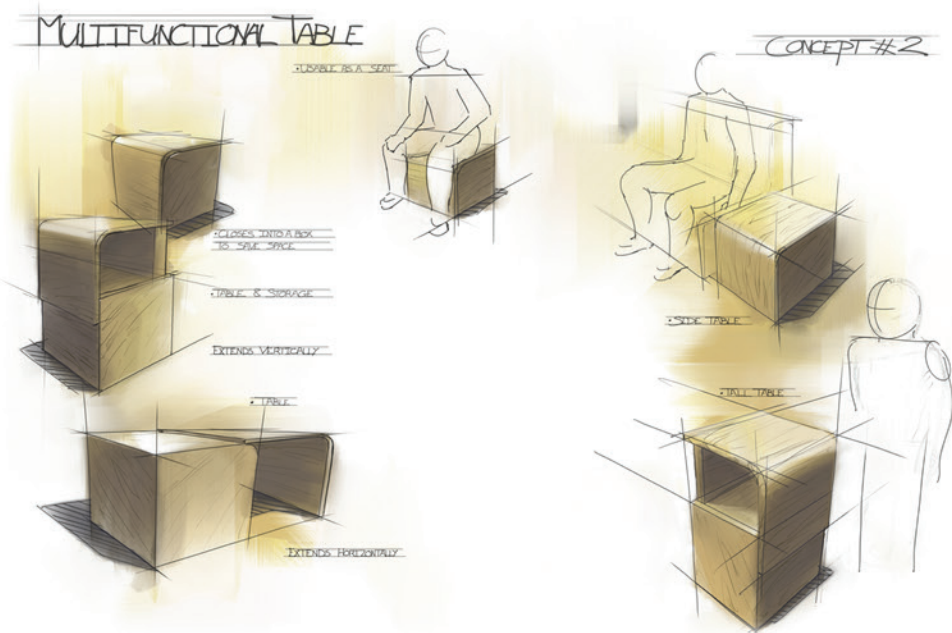
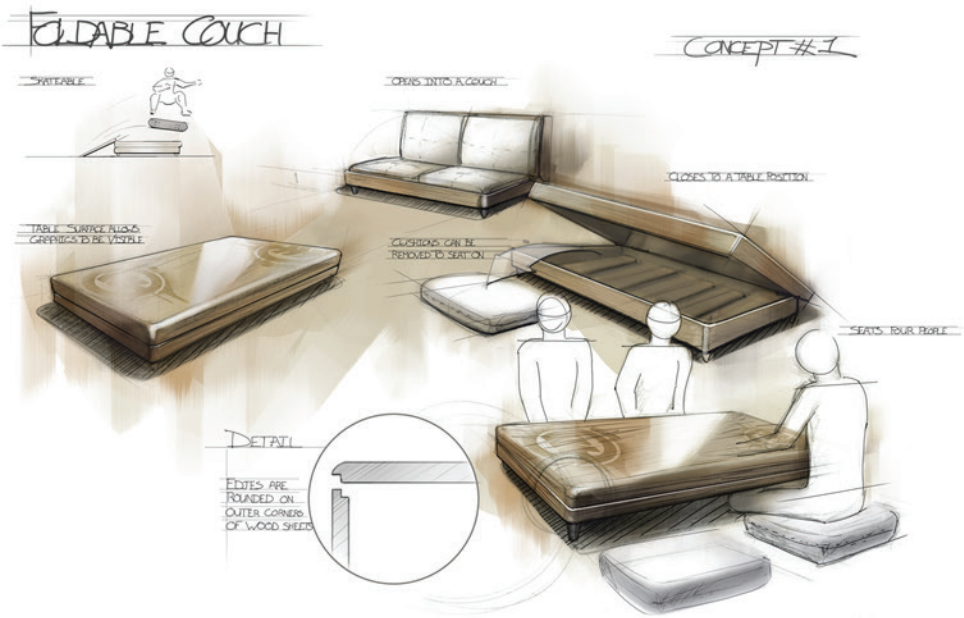
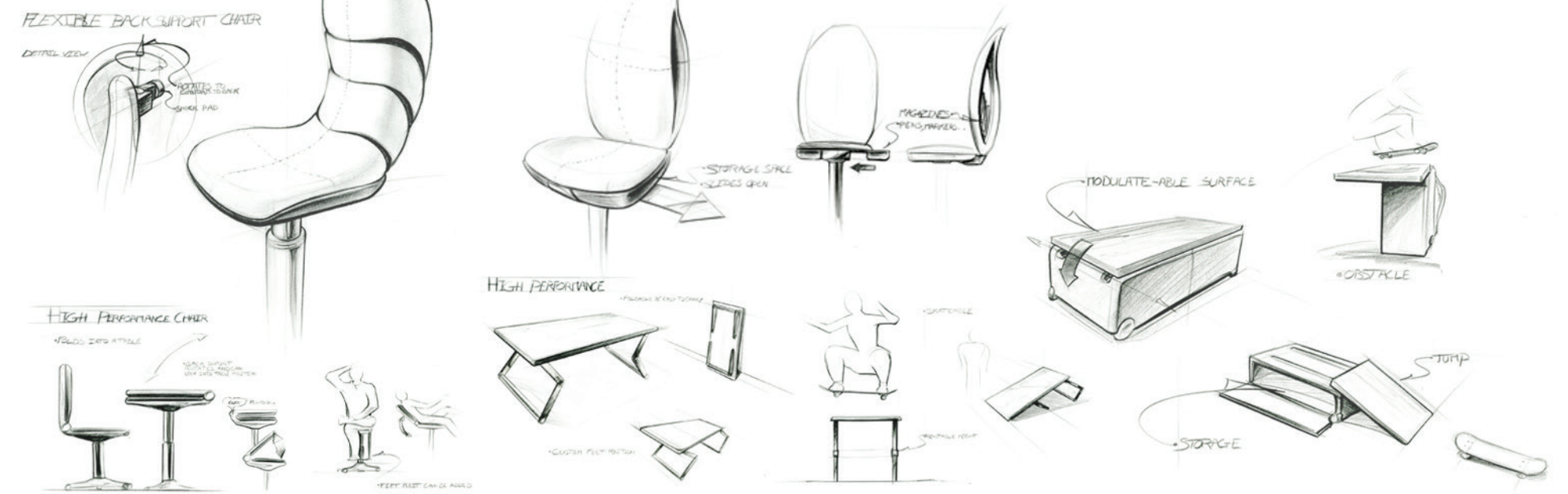
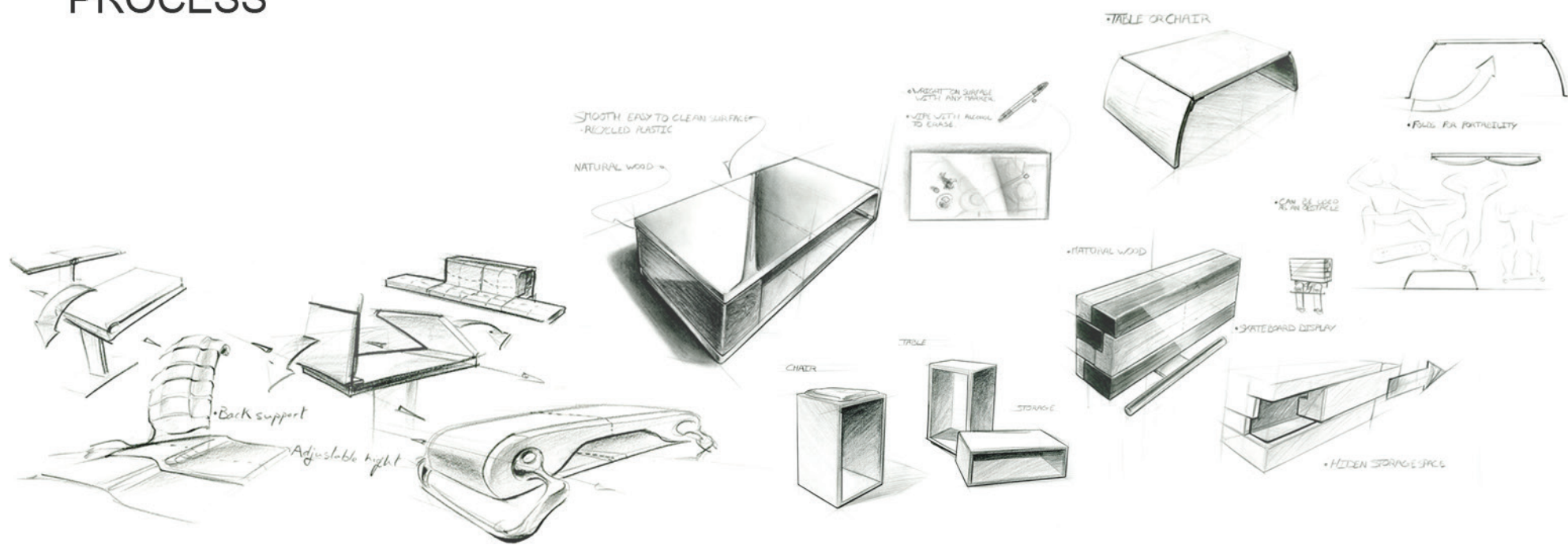
MATERIALS & ASSEMBLY



ORTHOGRAPHIC VIEWS



PROCESS



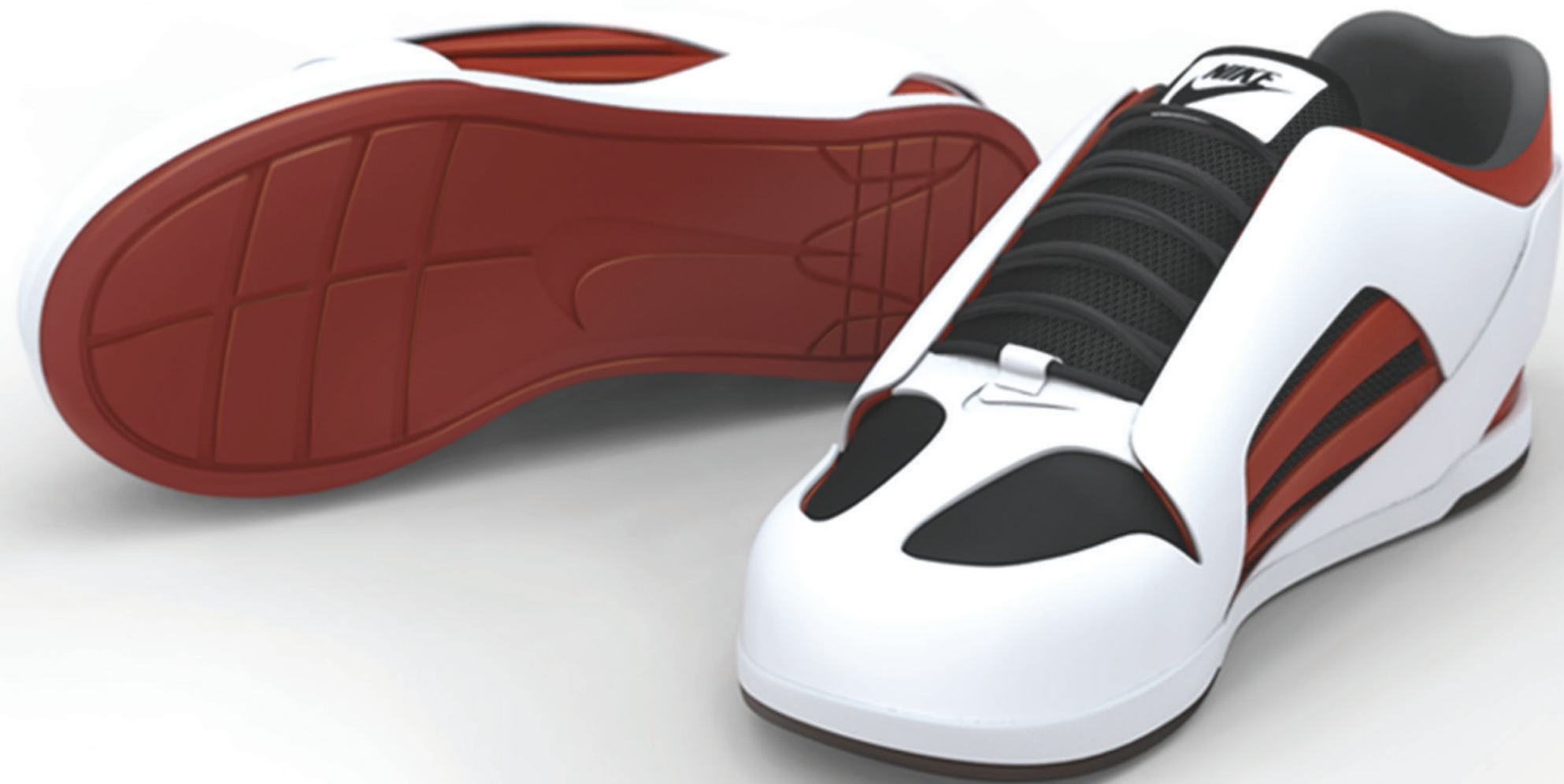
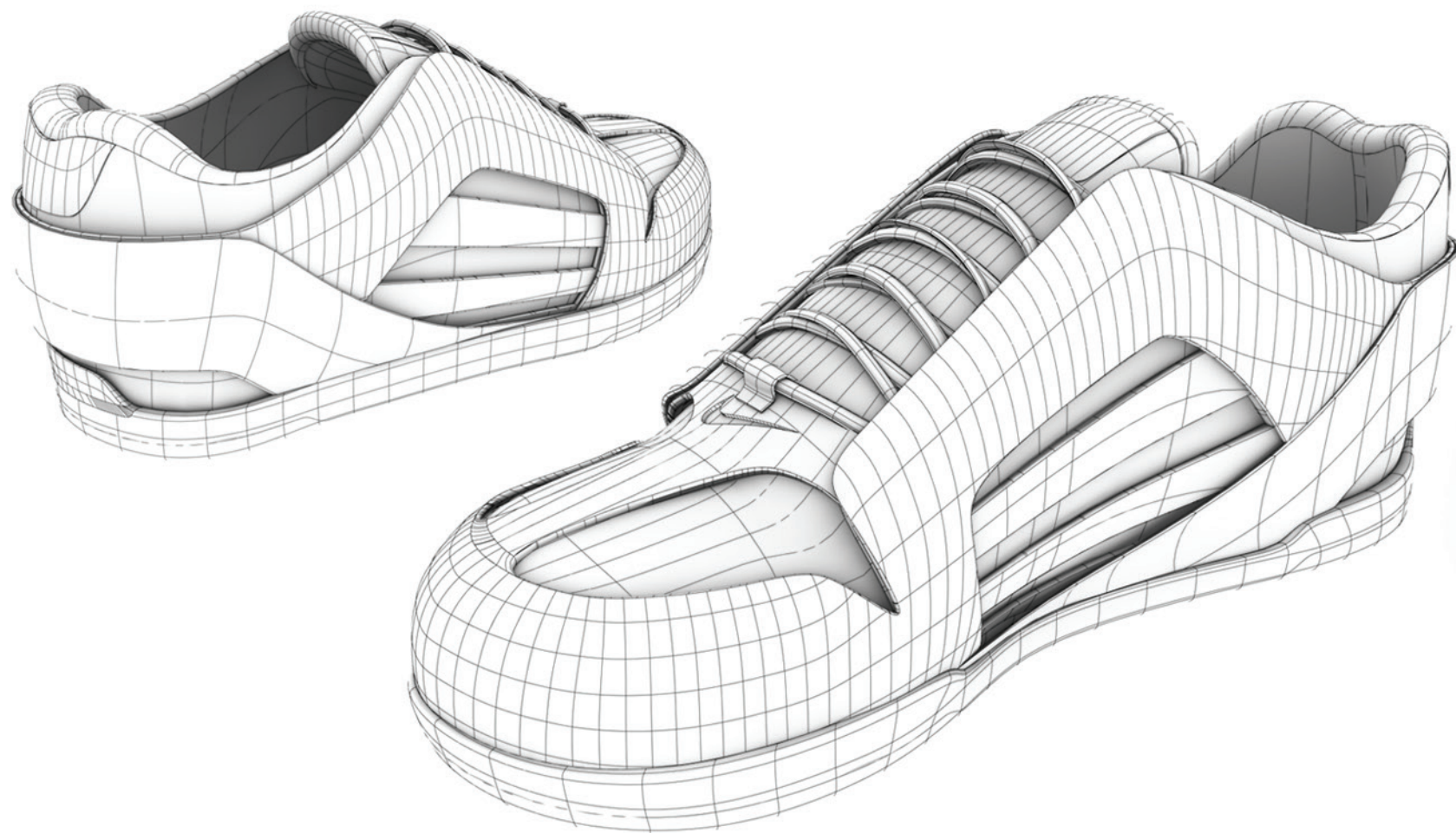


DESTRUCTO

ACTION SPORTS SHOE

DESIGN BRIEF

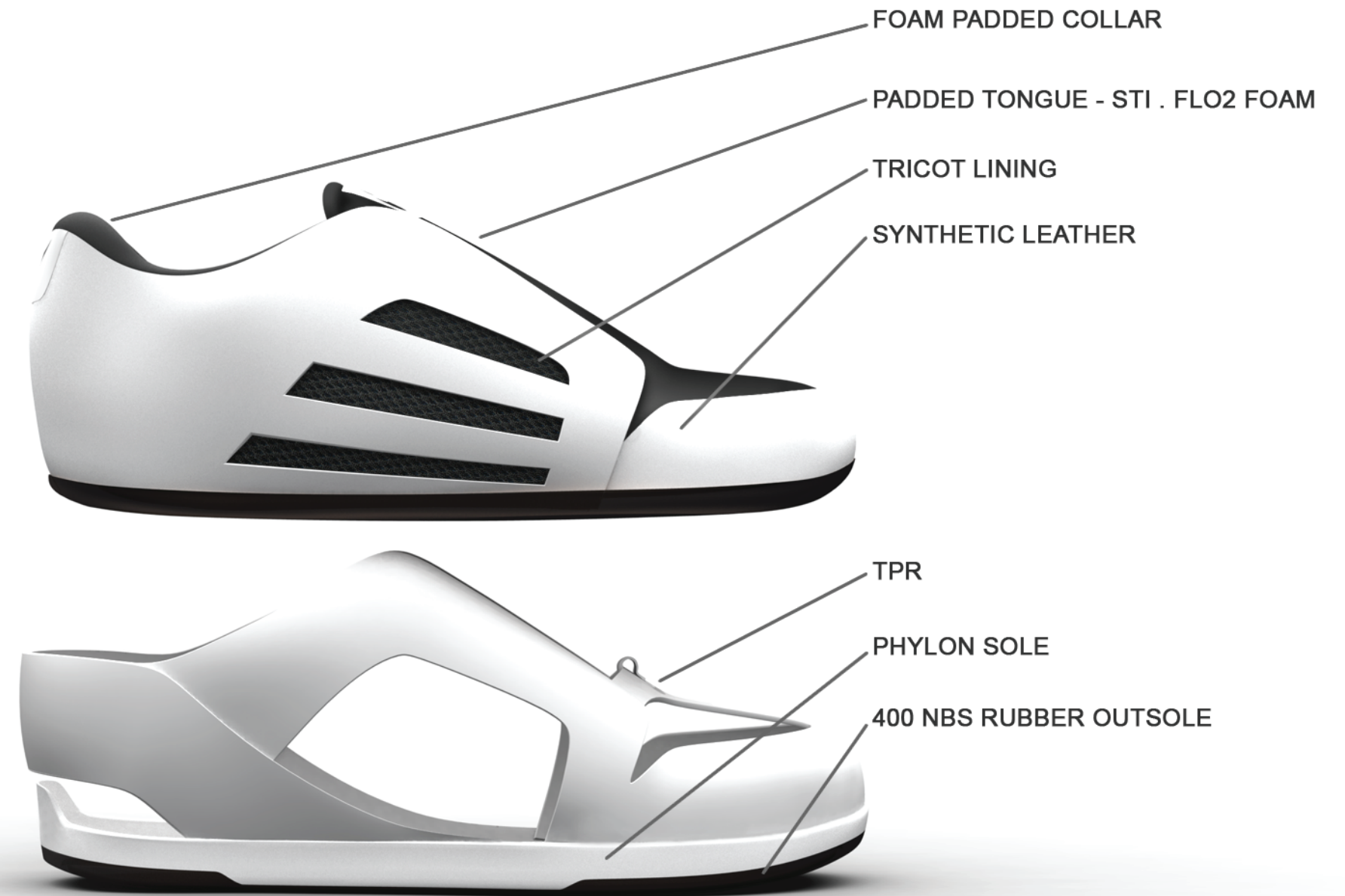
The *Destructo* shoe is a sponsored student project supervised by Nike. Designed for skateboarding these shoes were built in layers in order to improve durability.



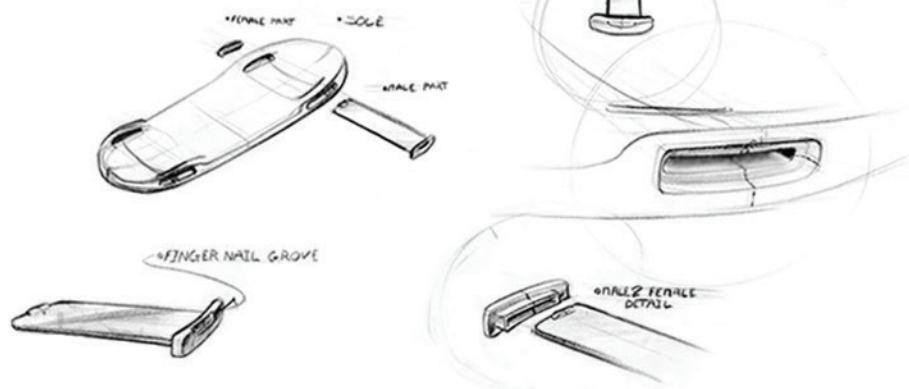
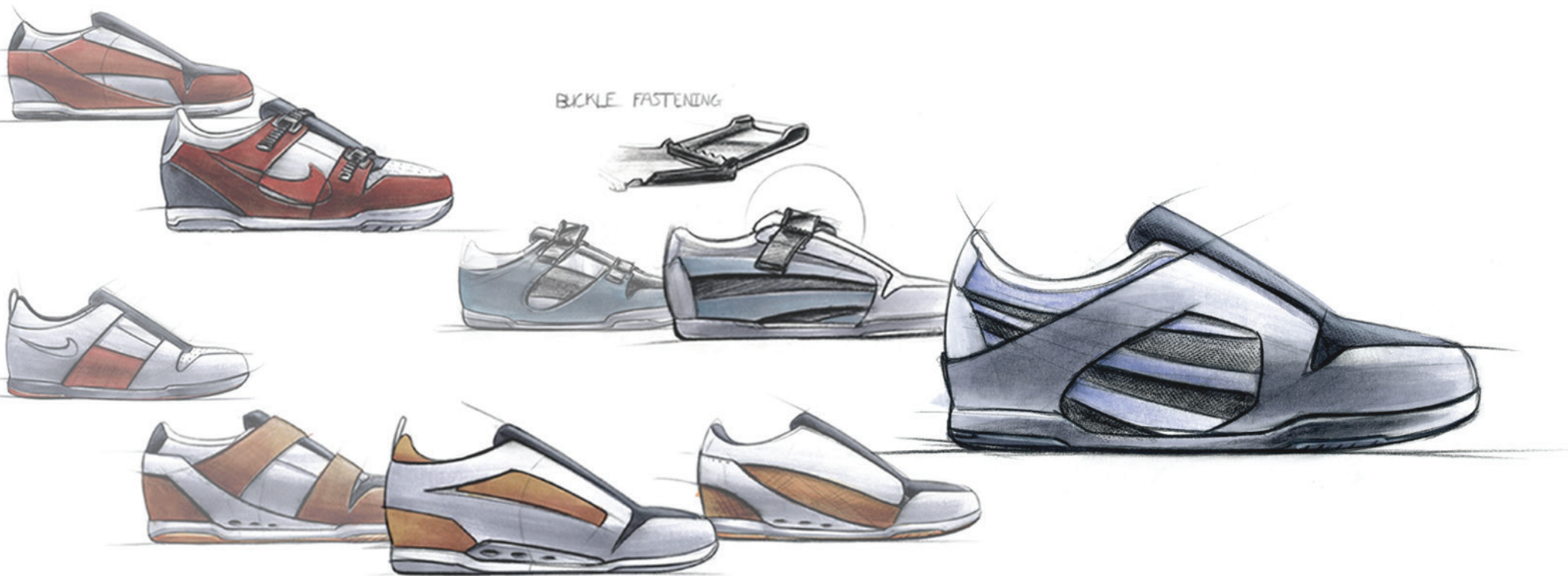
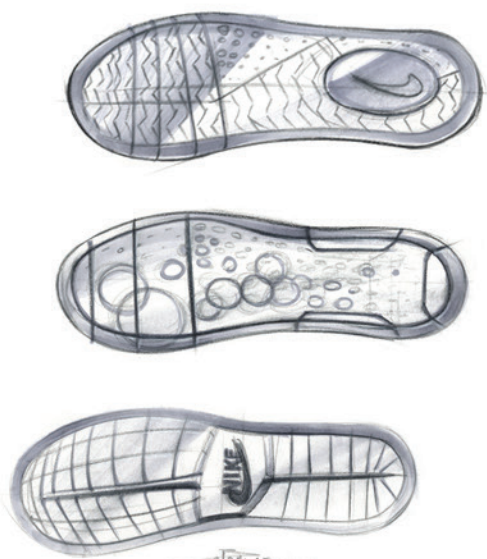
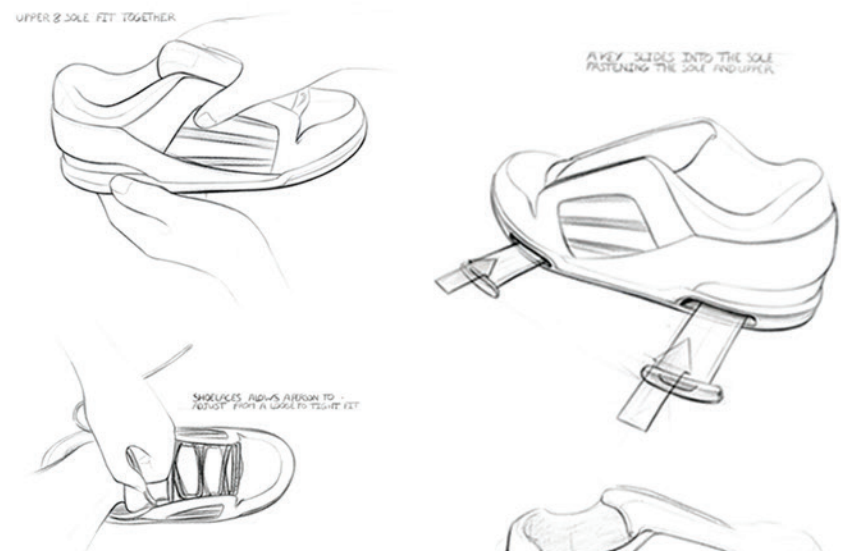
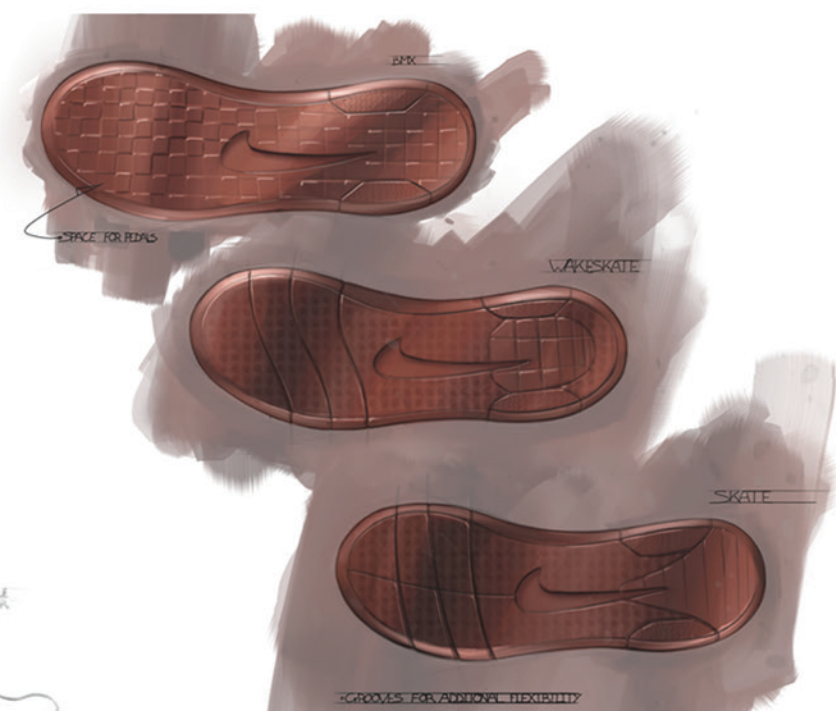
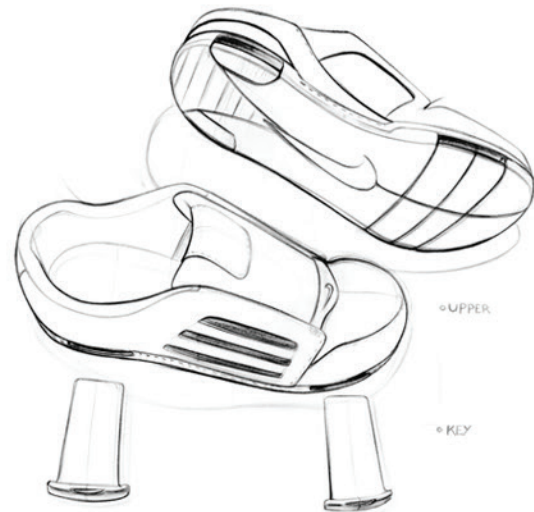
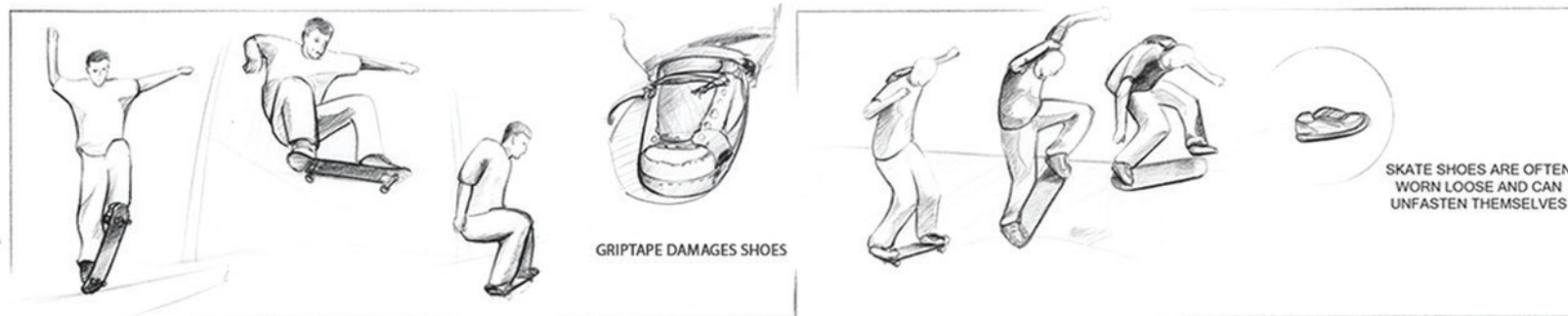
ORTHOGRAPHIC VIEWS



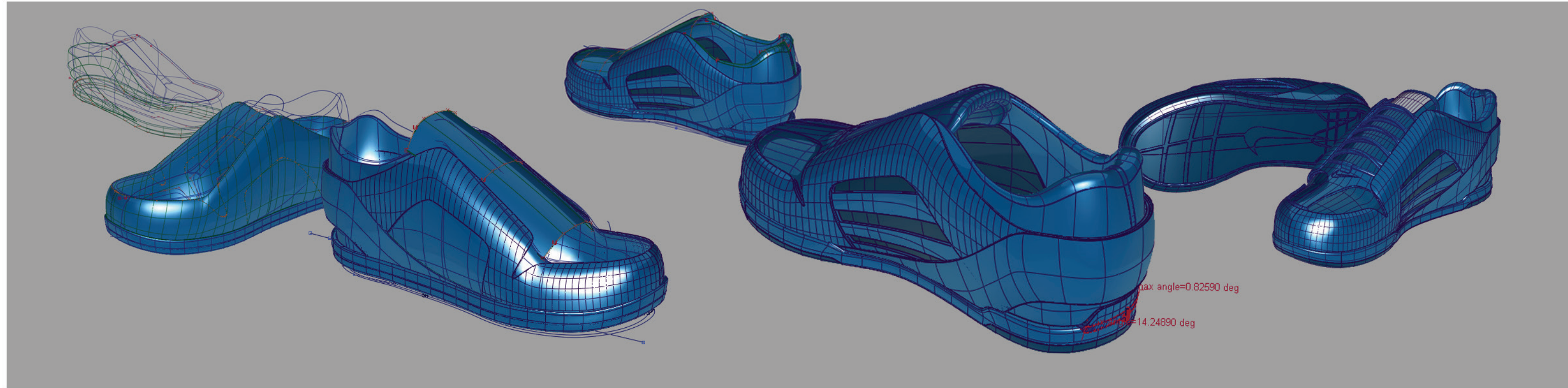
PARTS & MATERIALS



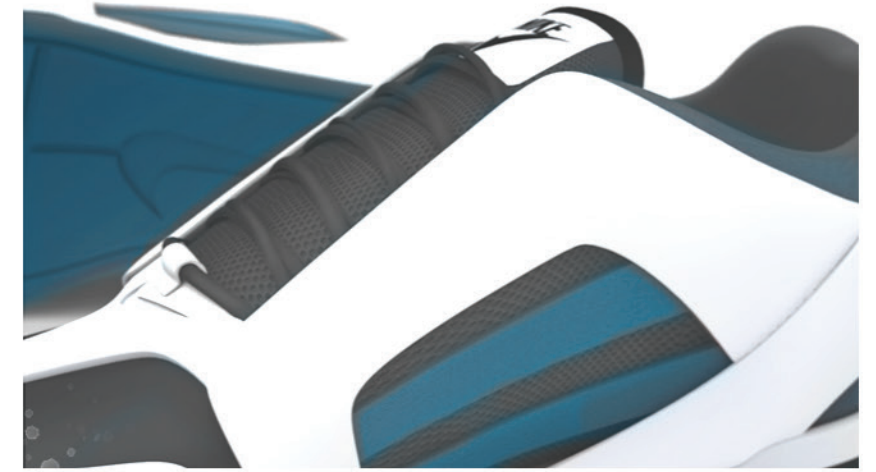
PROCESS



3D MODELING



DETAIL VIEW



COLOR CHOICE





DESIGN BRIEF

Modeled in Alias this 3D concept of snowboard bindings show a strong attention to detail while keeping an emphasis on its sleek sculptural design and manufacturability.

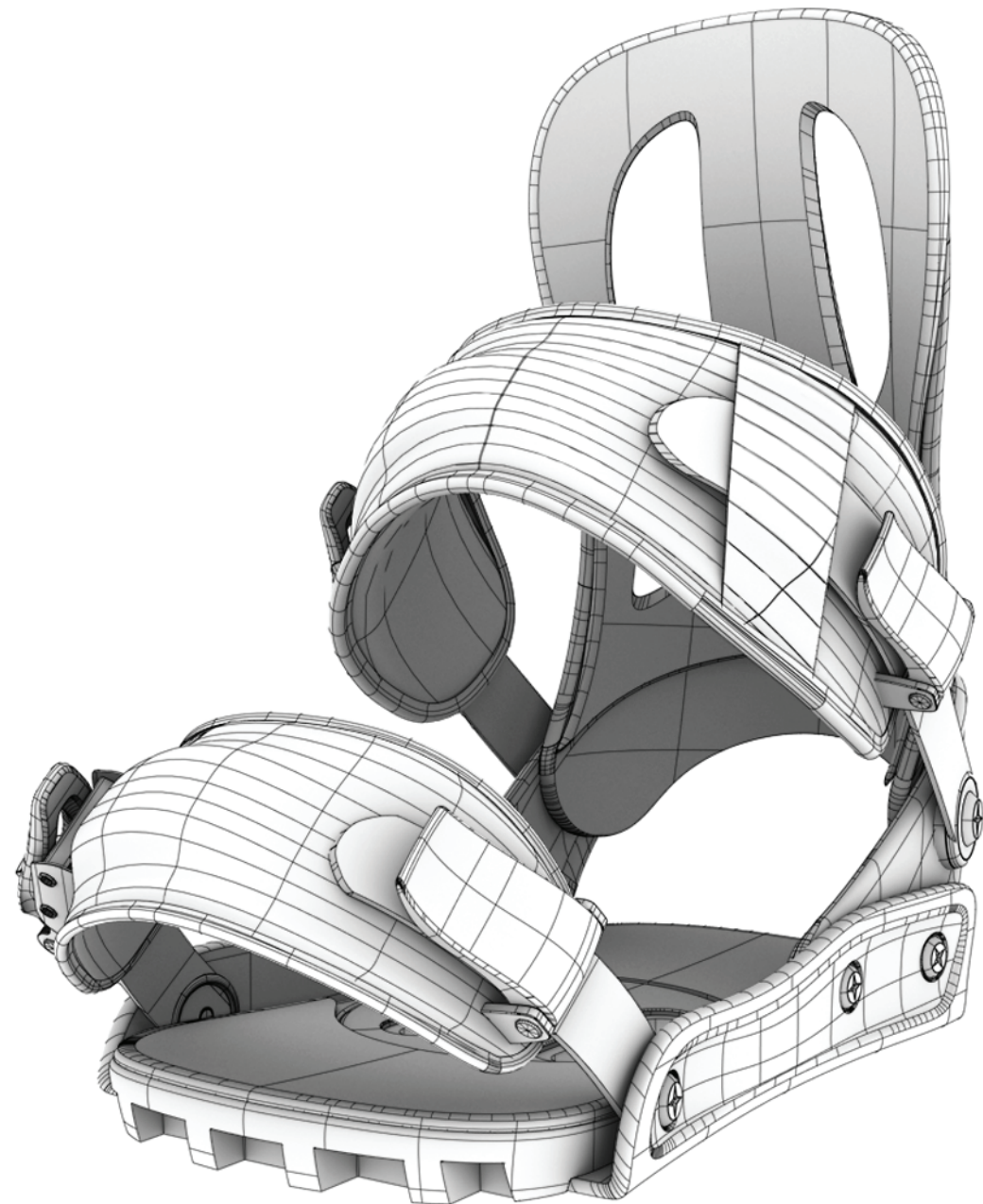
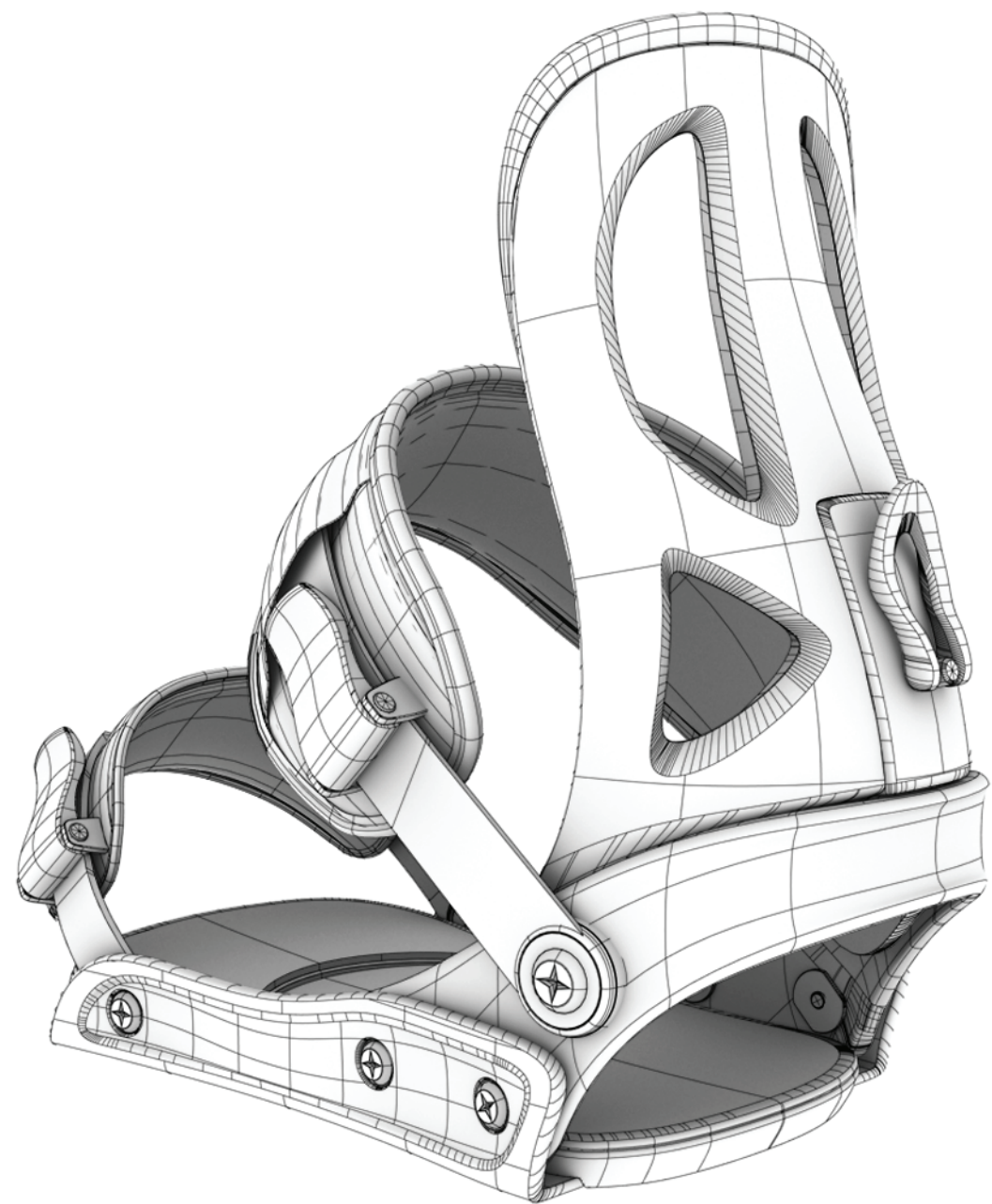
ORTHOGRAPHIC VIEWS



DETAIL VIEWS



WIRE FRAME MODEL



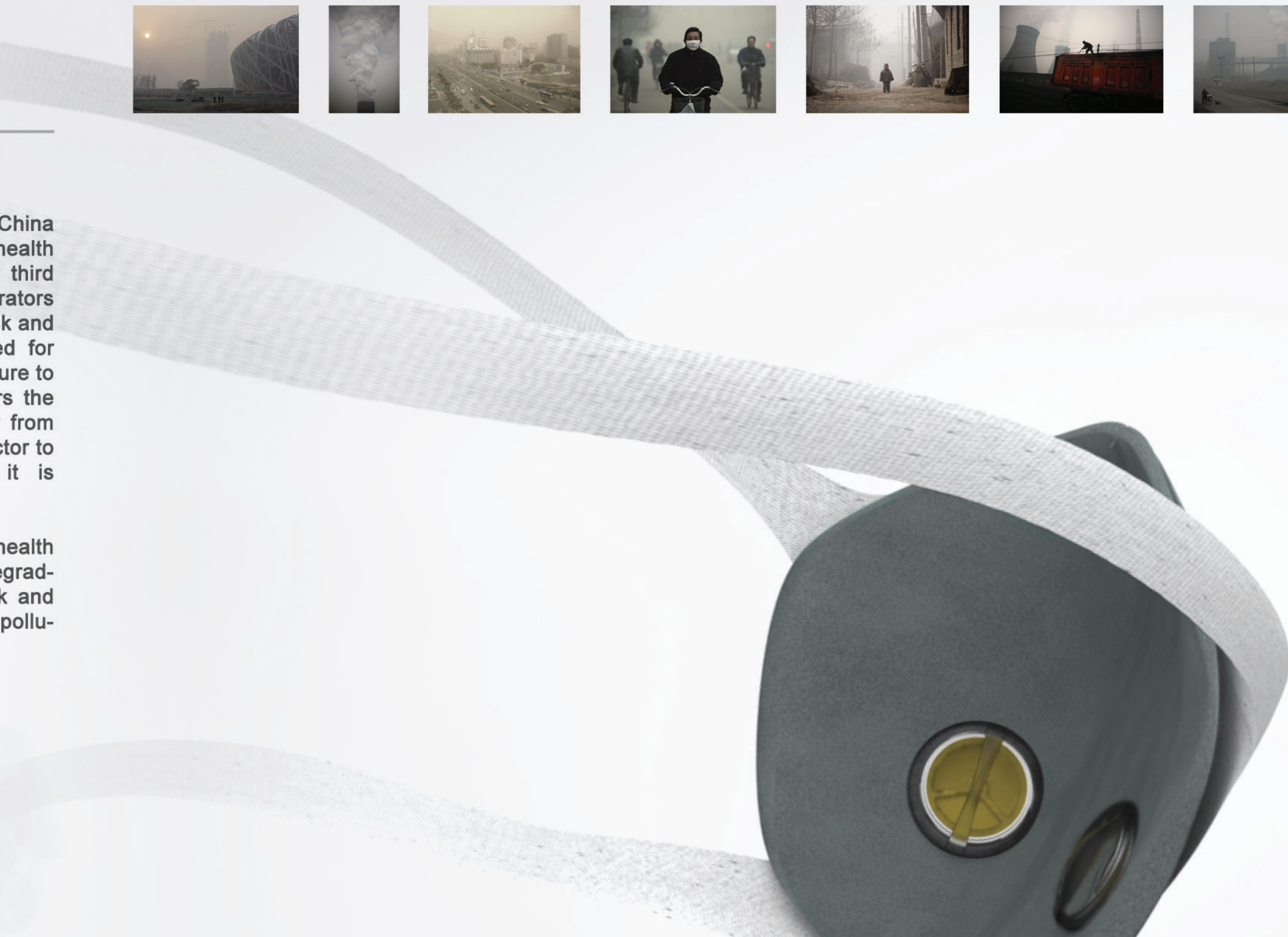
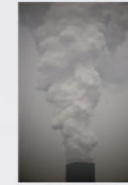


Vital

BIODEGRADABLE POLLUTION MASK & SENSOR

Developing countries such as China suffer from severe pollution. For health reasons many people who live in third world countries need to use respirators daily. The *Vital* biodegradable mask and bracelet risk monitor are designed for civilians who are in constant exposure to air pollution. The bracelet monitors the pollution levels by changing color from yellow to red, indicating the risk factor to a person demonstrating when it is necessary to wear the mask.

In addition to abating a serious health issue, all components are biodegradable; thus the *Vital* pollution mask and bracelet do not add to the world's pollution problem.



FEATURE AND BENEFIT

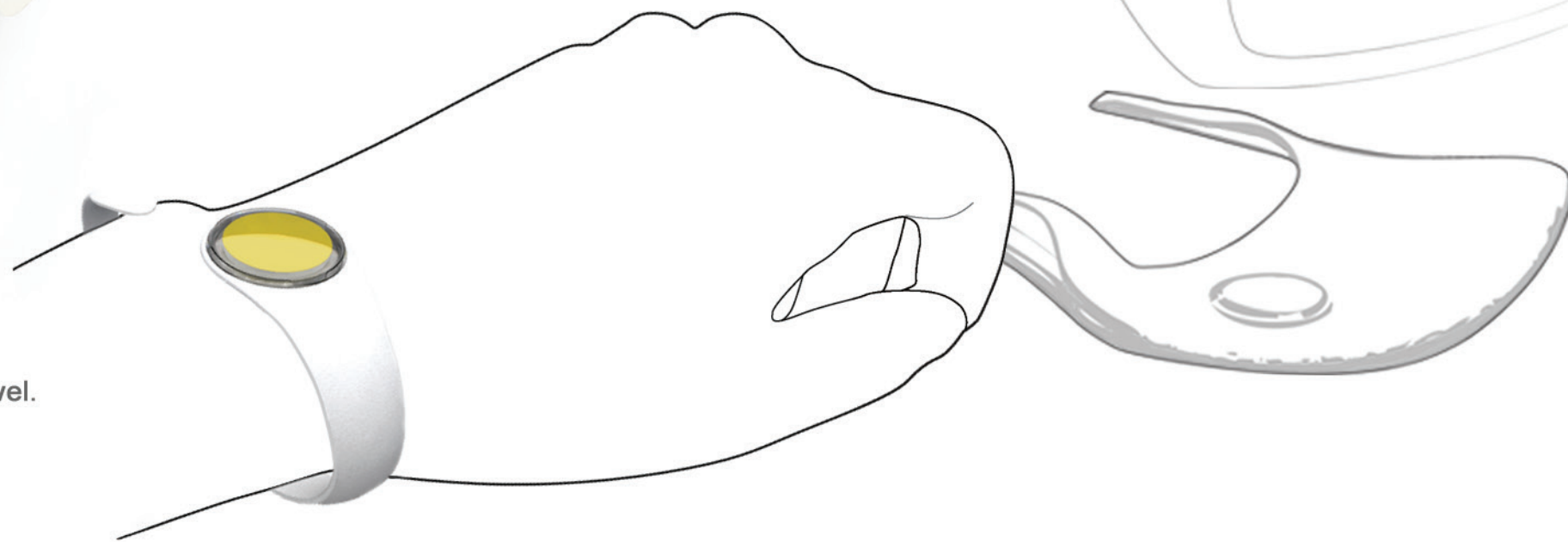


When air pollution is harmful to a person's health, the *Vital* monitor indicates risk level.



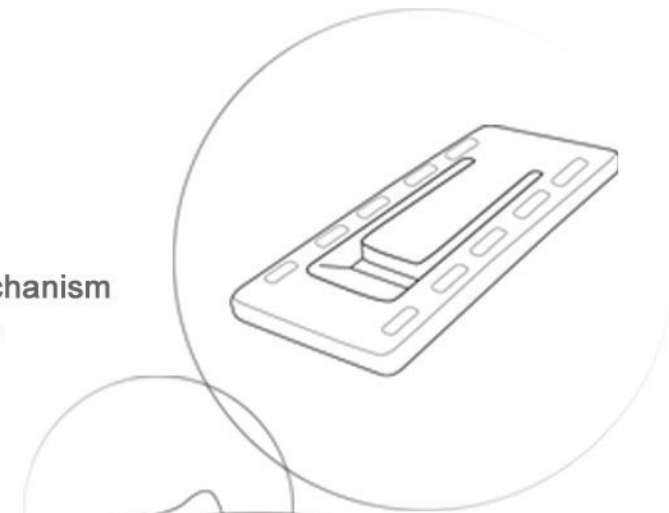
Safe Caution Danger

The color changes to alert of high pollution level.

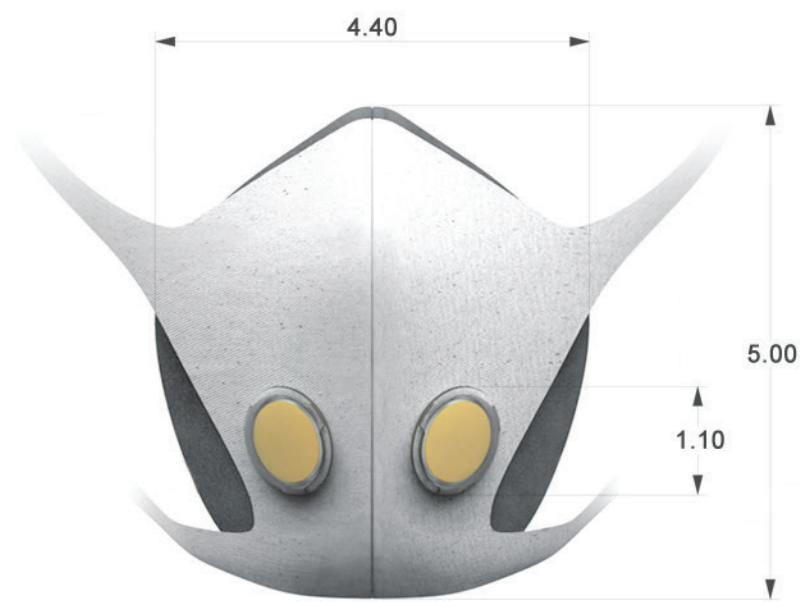
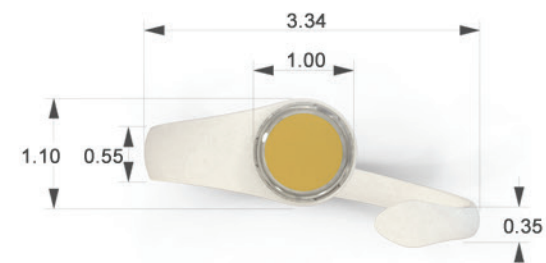


Respirator can fold and unfold for easy portability.

One-way strap mechanism allows adjustability.



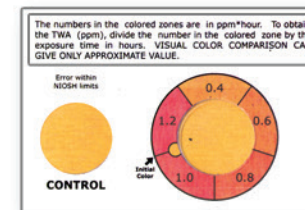
ORTHOGRAPHIC VIEWS



MATERIALS & ASSEMBLY

ROTARY MECHANISM

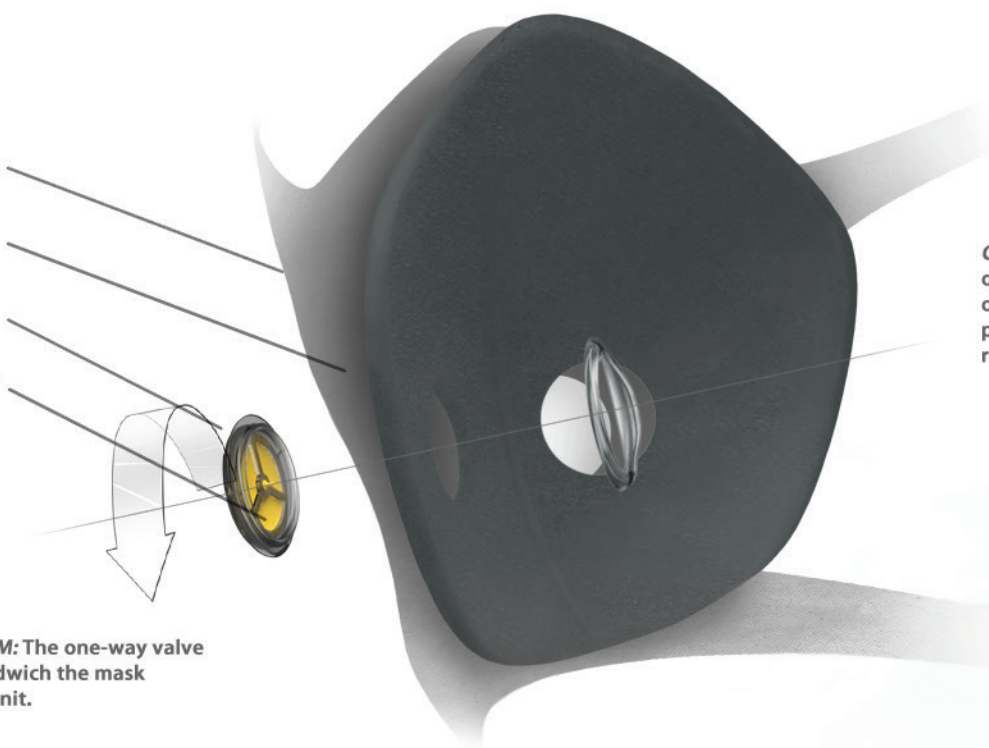
Starch Plastic
Paper Sensor
Natural Rubber



EXISTING TECHNOLOGY:
Paper like material changes color depending on the amount of carbon monoxide in the air.



Bamboo Fabric
Charcoal Filter
Starch Plastic
Natural Rubber

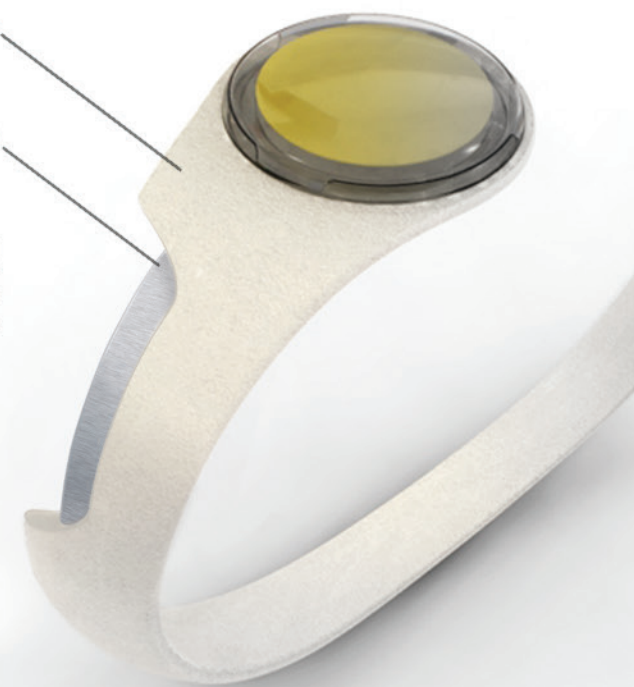


ROTARY MECHANISM: The one-way valve and its fastener sandwich the mask fabric and its filter unit.

Natural Rubber

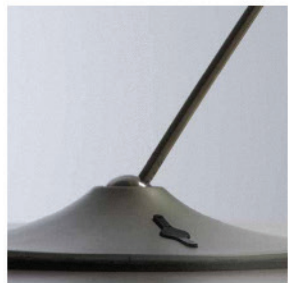
Aluminum

CUTOUT SECTION: Illustrating over-molded natural rubber on aluminum. Materials and processes allow bracelet to be relatively flexible.



Horizon

LED Task Light by Humanscale



OVERVIEW

Humanscale's Horizon LED task light, a visually striking fusion of form and function, is the first utilization of Thin Film LED Technology in a task light. Using a series of high-intensity LEDs surrounding several layers of polycarbonate and optical films, Thin Film LED Technology produces an ultra-wide footprint of warm, glare-free light. It is excellent for ergonomic illumination and beautiful light in any environment.

FEATURES

- Striking, organic aesthetic complements any interior
- First utilization of innovative Thin Film LED Technology in a task light
- Even plane of illumination casts just one shadow
- Produces ultra-wide footprint of glare-free 3000K (warm white) light
- Spherical joints in the base and light assembly facilitate easy, intuitive positioning
- Seven levels of adjustable illumination increase the light's energy efficiency
- Nightlight feature operates at just one watt
- Soft start and adjustment is easy on the eyes
- Robust, high-quality design ensures years of maintenance free use

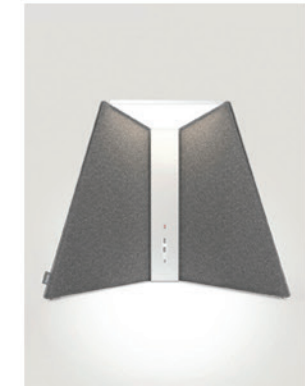


COLORS & FINISHES



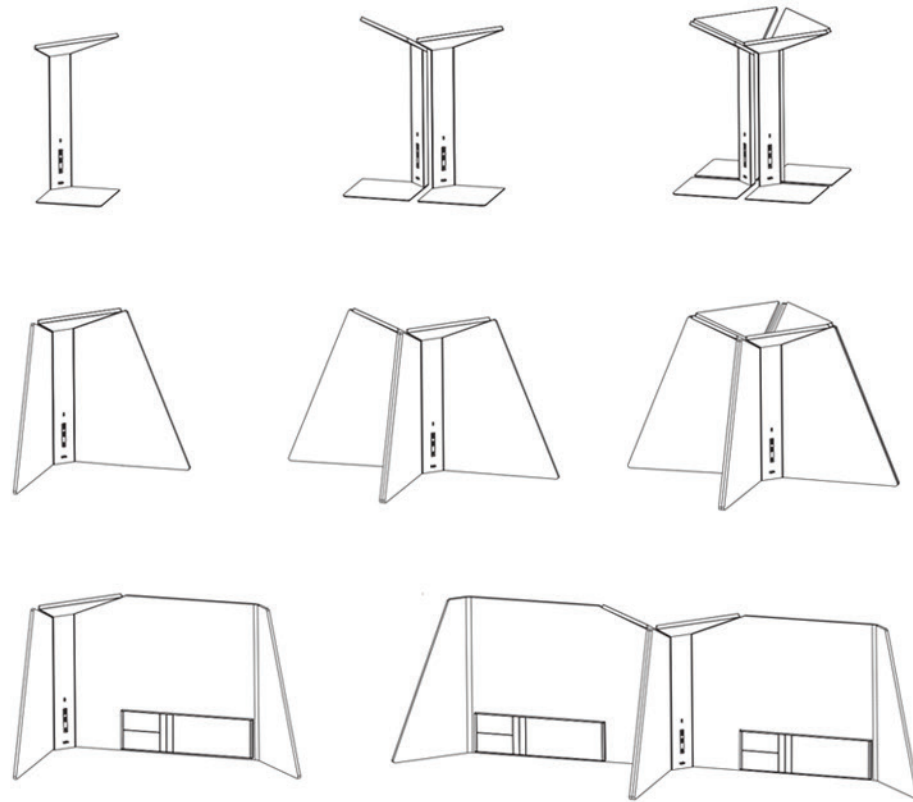
CORNER OFFICE

Offering visual privacy, sound reduction, task lighting, and desktop power

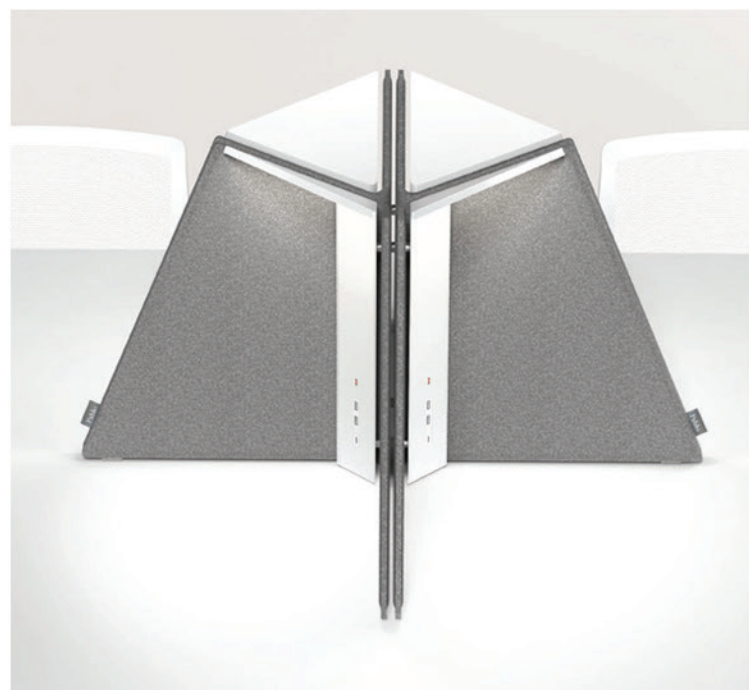


OVERVIEW

Corner Office enhances today's open work environments by bringing personal comfort to the workstation. It contributes to well-being and workstyle needs through access to power, LED light, and privacy. When used alone, it creates a quiet alcove or touchdown for one. Arranged in multiples, Corner Office offers visual privacy in open spaces.



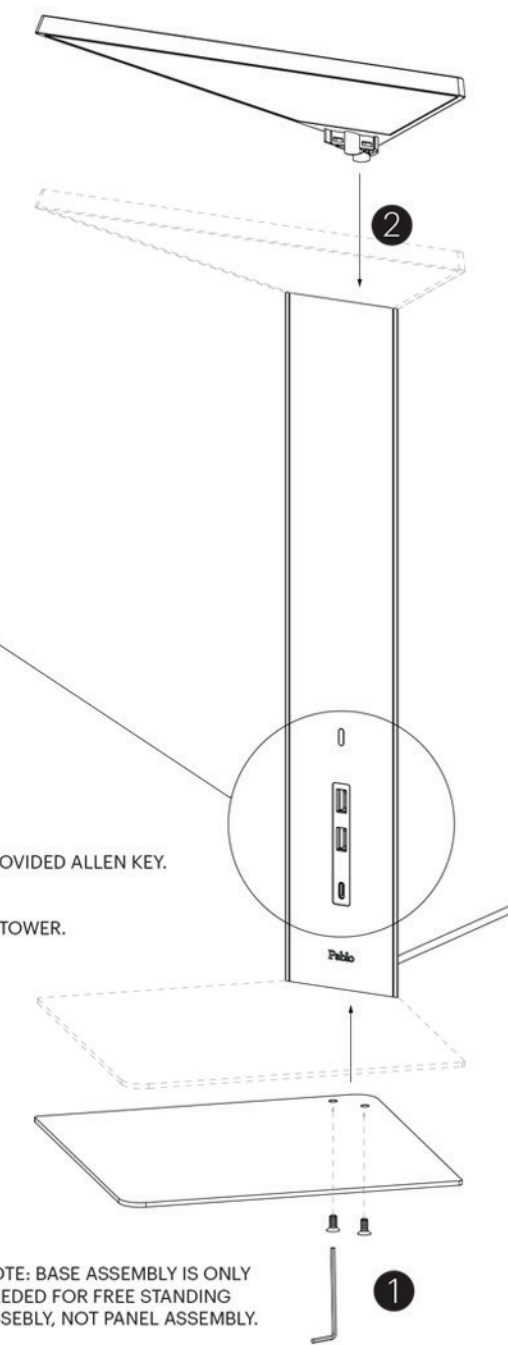
CONFIGURATION OPTIONS



- A** OPTICAL SWITCH: TAP FOR HIGH & MEDIUM. PRESS AND HOLD FOR FULL RANGE DIM
- B** TWO 10-WATT USB PORTS (TYPE A)
- C** 35-WATT USB PORT (TYPE C)



- 1** SCREW BASE TO TOWER WITH PROVIDED ALLEN KEY.
- 2** FIRMLY INSERT LAMP HEAD INTO TOWER.



NOTE: BASE ASSEMBLY IS ONLY NEEDED FOR FREE STANDING ASSEMBLY, NOT PANEL ASSEMBLY.

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