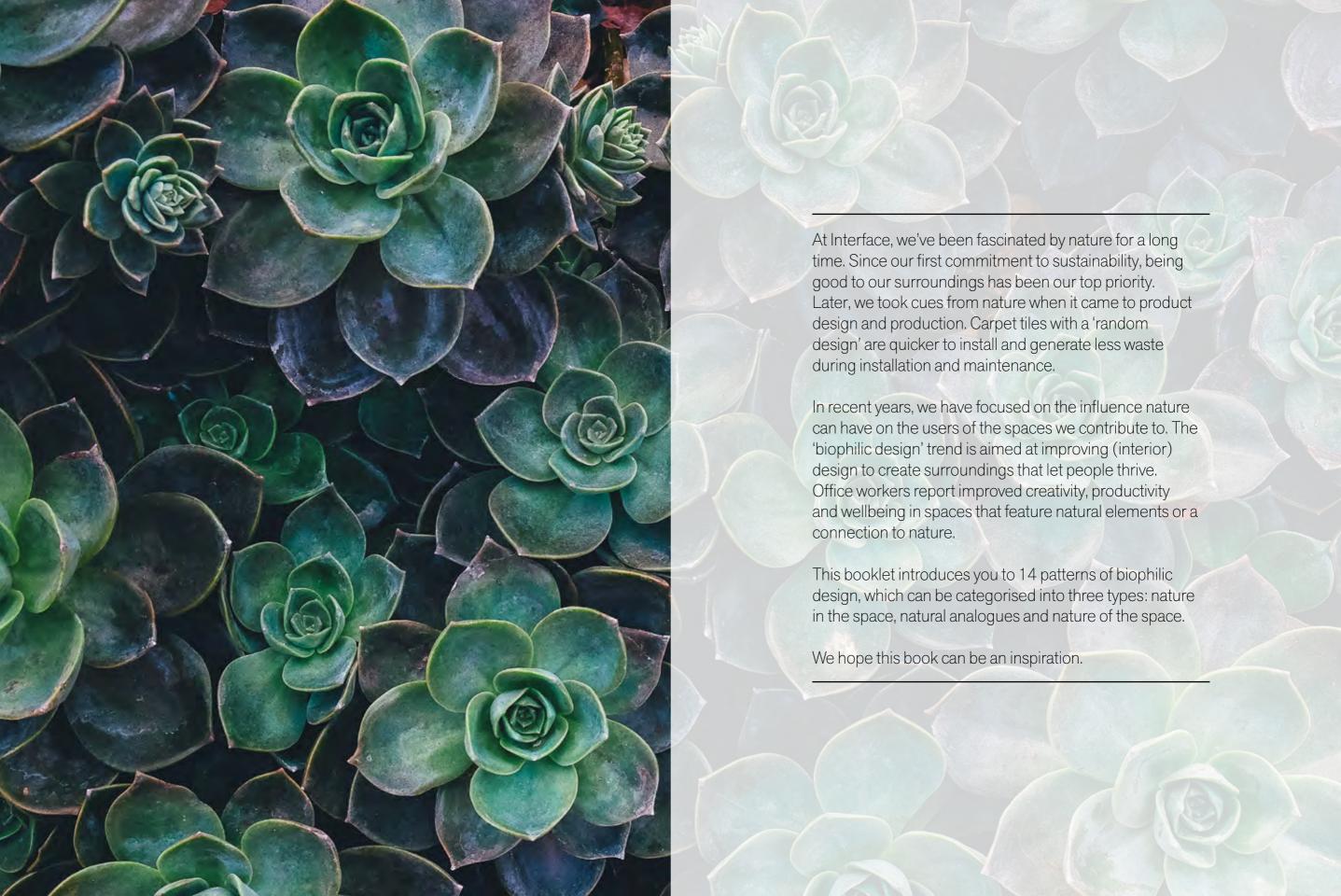




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# Mature in Space

Nature in the Space describes the direct, physical and transient presence of nature in a space or place.



### Visual connectionwith Nature

#### Pattern

A view to elements of nature, living systems & natural processes.

- Feels whole
- Grabs one's attention
- Stimulating or calming
- Conveys a sense of time, weather and other living things.



### **Visual connection** with Nature

- Work areas next to windows with a view to natural elements (trees, mountains, water, sky)
  Plants, flowers & green walls in the office space





### Non-Visual Connection with Nature

#### **Pattern**

Other senses than seeing - hearing, feeling, smelling, tasting that cause an intended and positive reference to nature, living systems or processes.

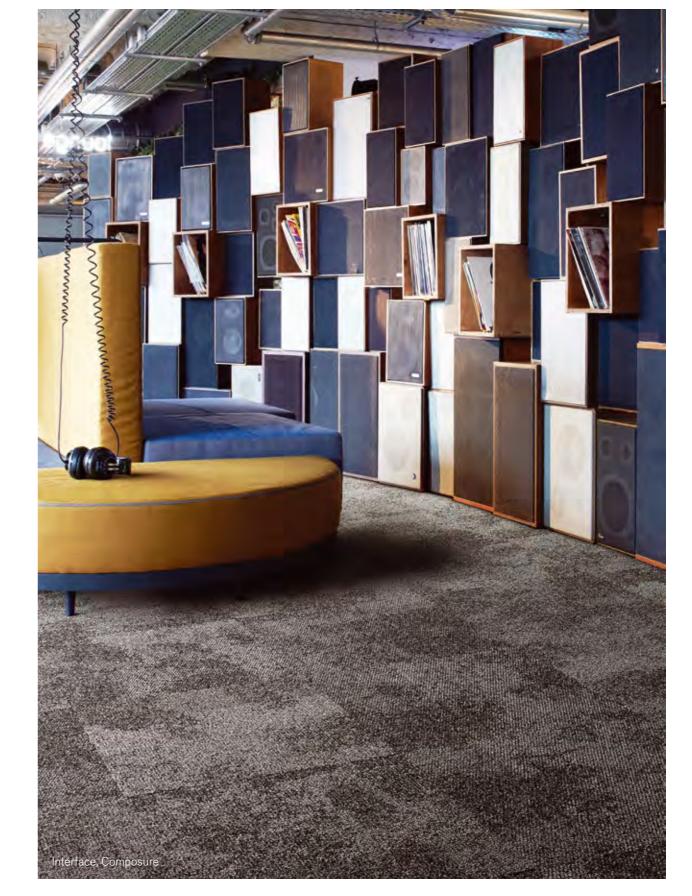
- Feels fresh & well-balanced
- Ambient conditions are perceived as complex & variable but also familiar & comfortable
- Sounds, aromas, and textures are reminiscent of being outdoors in nature



### **Non-Visual Connection** 2 Non-visual with Nature

- Sound (animals, conversation, music, water)
- Smells (perfume, fragrant plants)
  Touch (hand rails, water for cooling the space).





### 3 Non-Rhythmic Sensual Stimuli

#### **Pattern**

Random & temporary connections with nature that may be analysed but not predicted precisely.

- Feels as if you are suddenly exposed to something special, something fresh. Interesting, stimulating and energising.
- A brief but welcome distraction.

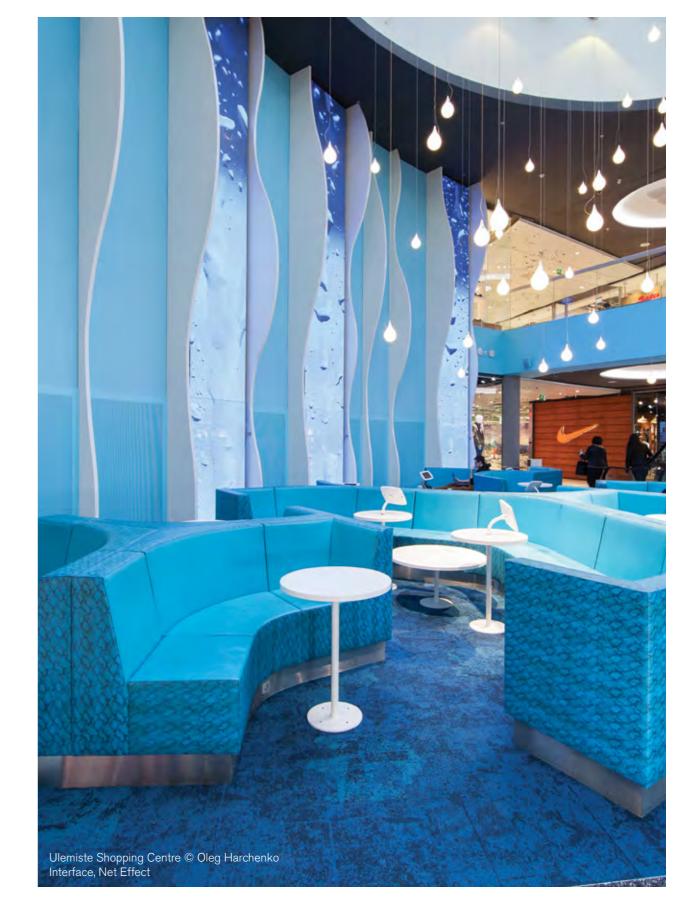


### 3 Non-Rhythmic Sensual Stimuli

- Indoor: kinetic facades (facades with moving elements that can be seen from corner of the eye), interactive design displays.

  Outdoor: swaying grasses, falling water and the buzz of passing insects





## 4 Thermal / Airflow Variability

#### **Pattern**

Subtle changes in air temperature, relative humidity, airflow across the skin, and surface temperatures that mimic natural environments.

- Feels refreshing, active, alive, invigorating and comfortable.
- Feeling of both flexibility and a sense of control

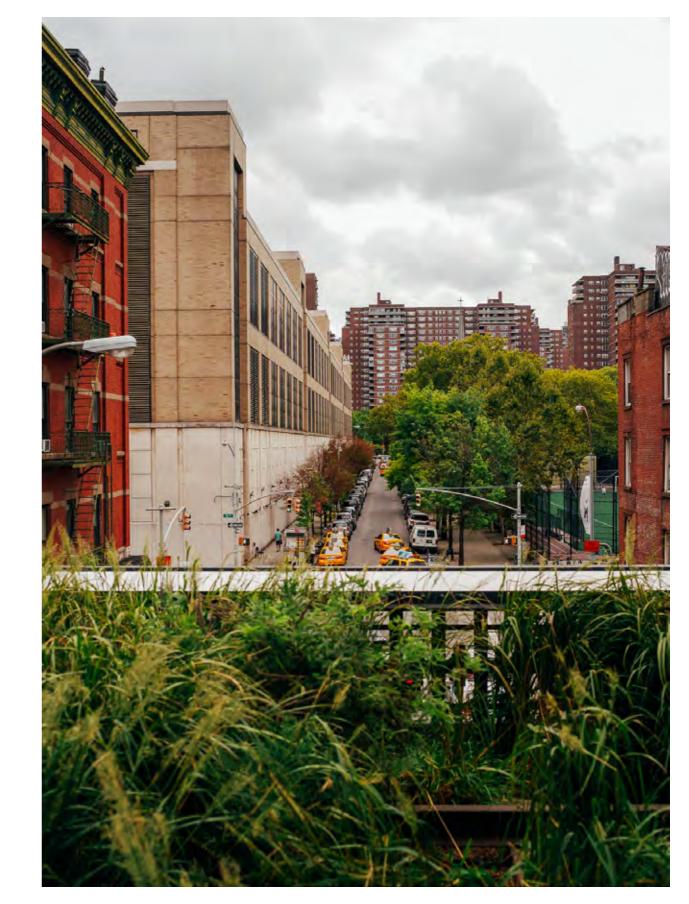


### Thermal / **Airflow Variability**

### **Practical Examples**

- Windows that can be opened manually & controlled individually
- Workspaces with outdoor balconiesVisible mechanical ventilation.





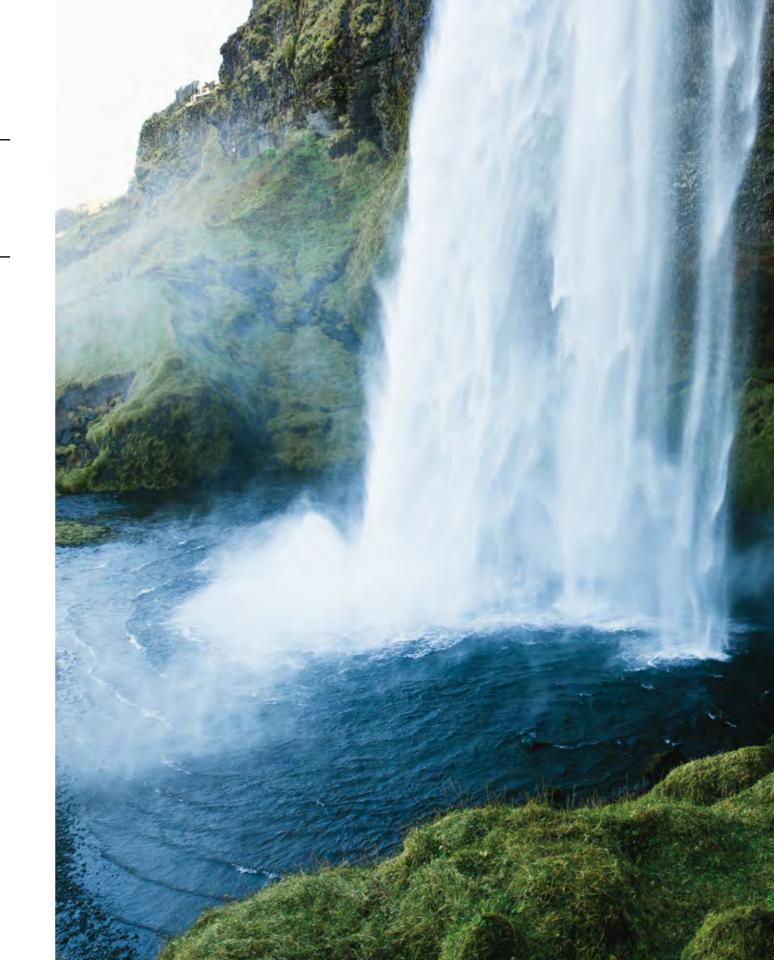
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### Presence of Water

#### **Pattern**

A condition that enhances the experience of a place through the seeing, hearing or touching of water.

- Feels powerful, fascinating and attractive
   Fluidity, sound, lighting, closeness, and accessibility each contribute to whether a space is calming, stimulating or both.

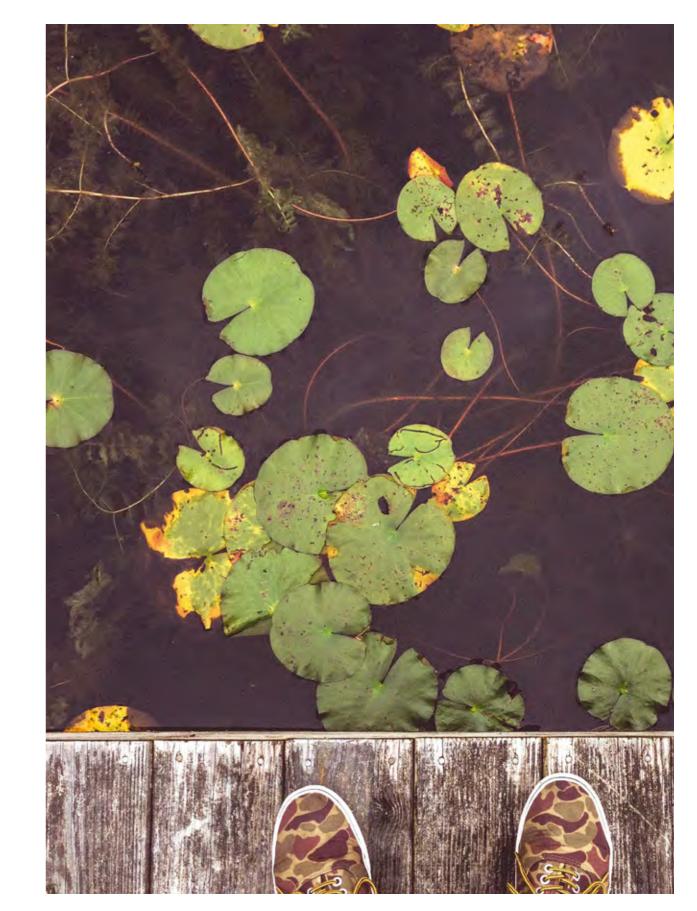


### Presence of Water

### **Practical Examples**

- Water base in lobby
- Water walls
- Fountains
- Aquarium
- Paintings of Ocean lifeThe colour blue





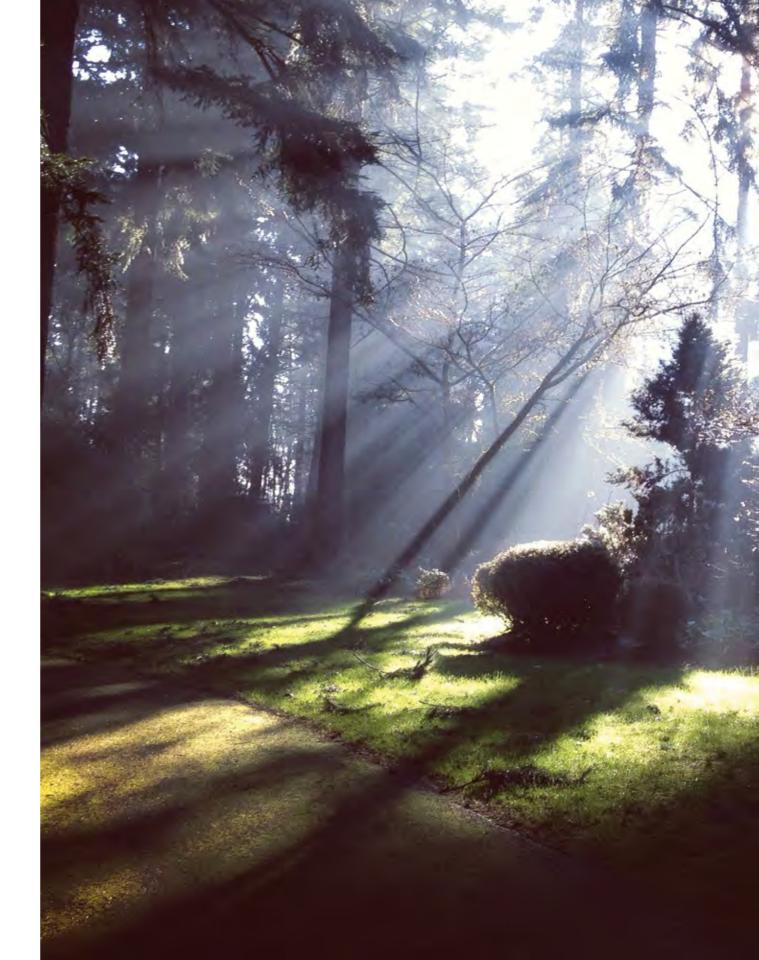
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# **6** Dynamic and Diffused Light

#### **Pattern**

Provide varying intensities of light & shadow that change over time to create conditions that appear in nature.

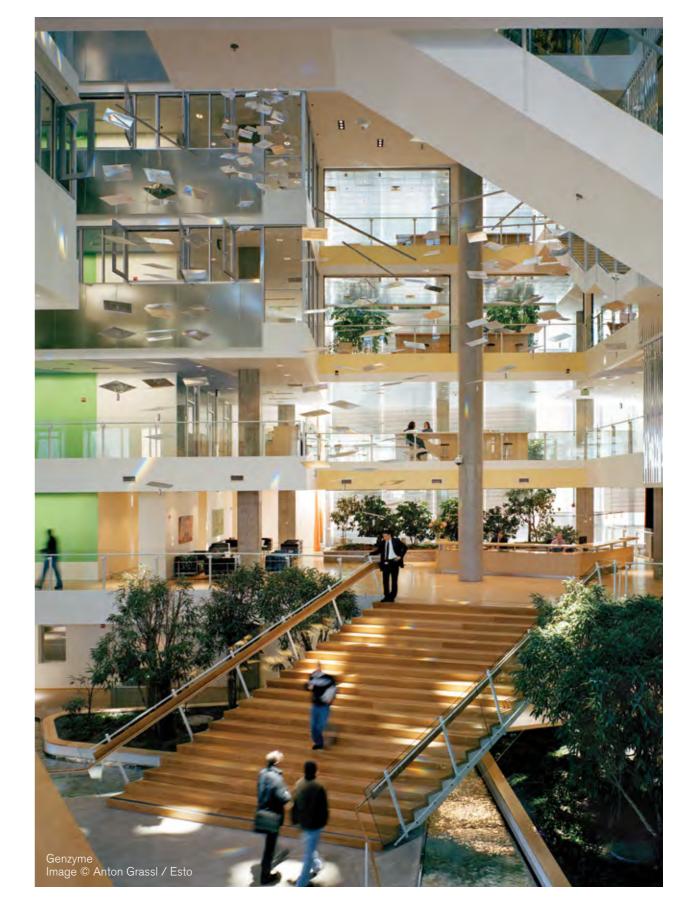
- Shows signs of time and movement
- Causes feelings of drama and intrigue
- Buffered with a sense of time



# Dynamic and Diffused Light

- Daylight from multiple angles (glass ceilings, windows)
- Firelight
  Light distribution
- Ambient diffuse lighting on walls and ceilings
- Personal user dimmer controls.



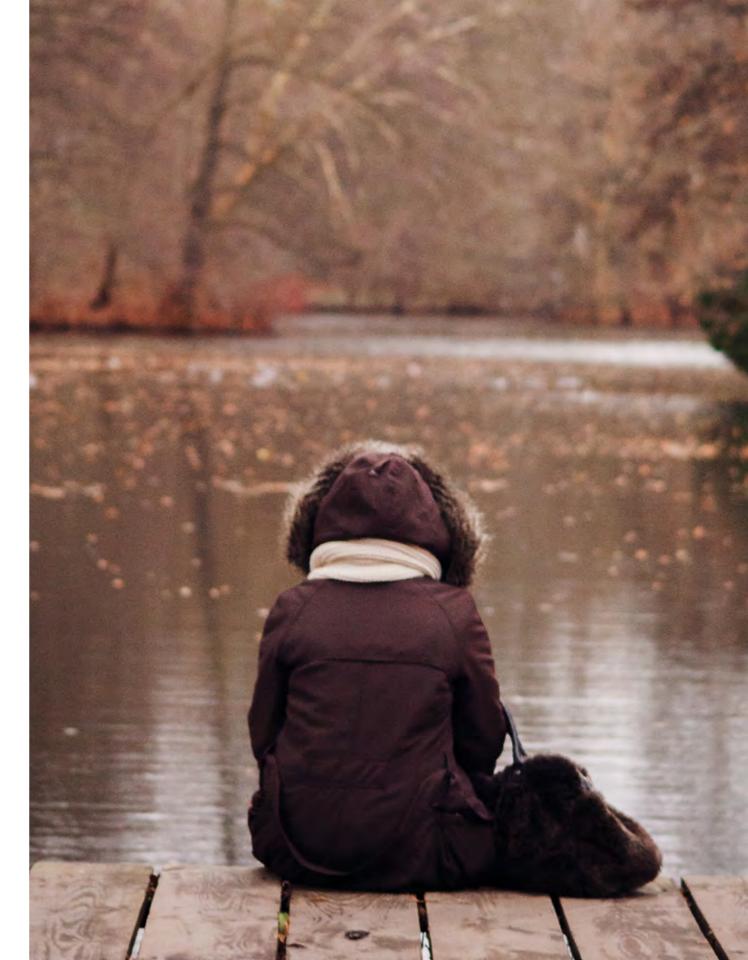


### Connection to Natural Systems

#### **Pattern**

Awareness of natural processes, especially seasonal and temporal changes characteristics of a healthy ecosystem.

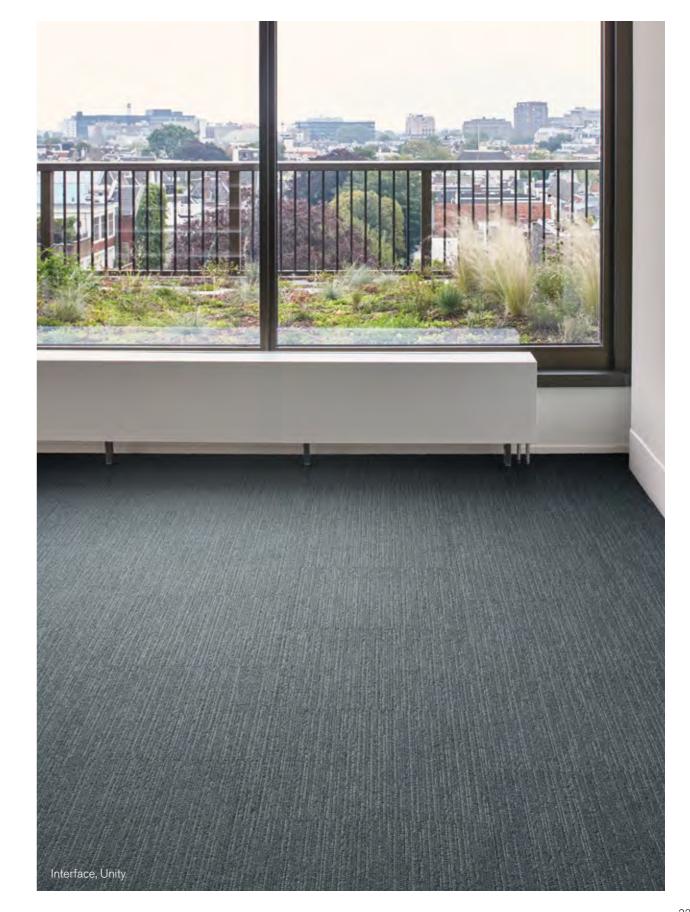
- Evokes a relationship to a greater whole
- Makes one aware of seasonality and cycles of life
- Relaxing, nostalgic, profound or enlightening, and frequently anticipated.



### **Connection to Natural Systems**

- Offices with patios or roof top gardens
  Native plantings that grow & die with the seasons.

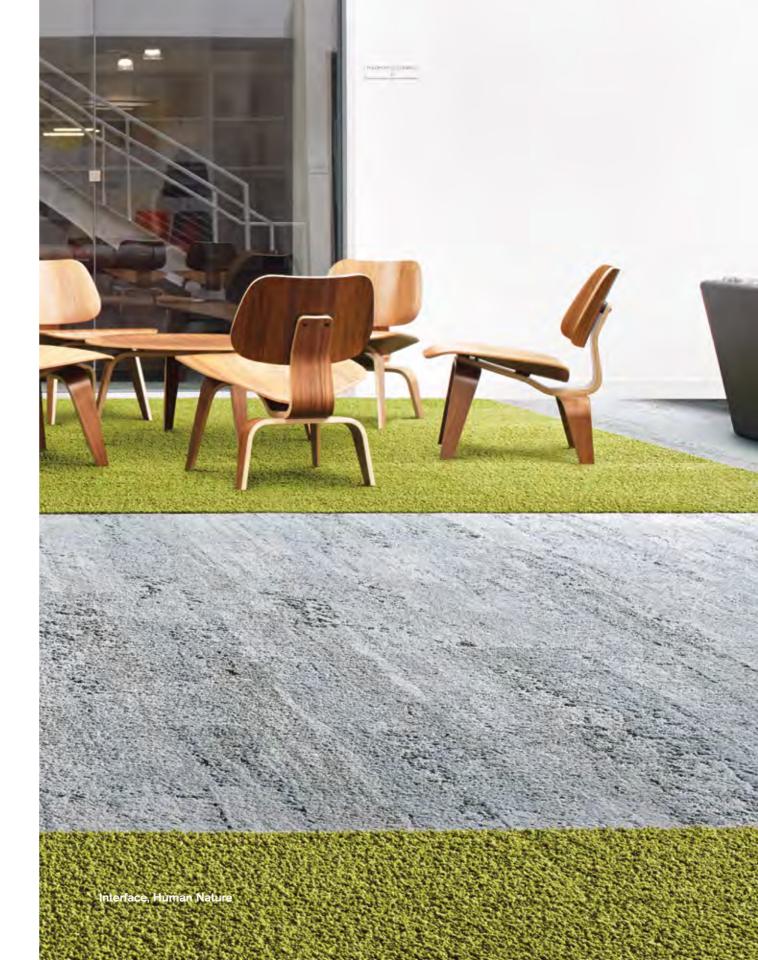




# Natural Analogues

Natural Analogues are organic, non-living and indirect evocations of nature.

Objects, materials, colours, shapes, sequences and patterns found in nature, are present in artwork, ornamentation, furniture, décor, and textiles in the built environment.



### **8** Biomorphic Forms and Patterns

#### **Pattern**

Symbolic references to contours, patterns, textures or numerical arrangements that exist in nature.

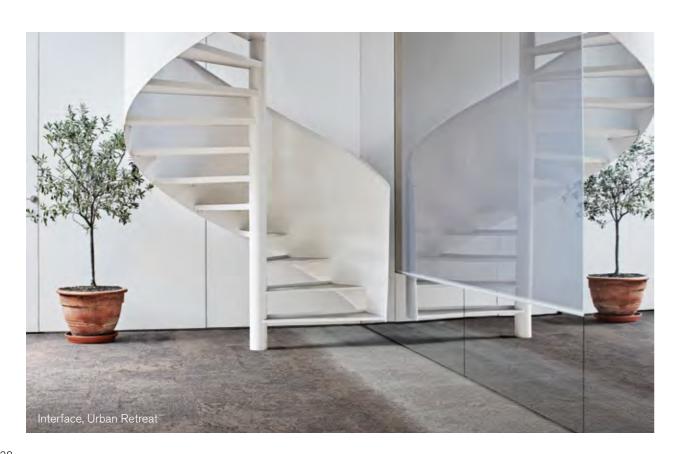
- Feels interesting and comfortable
- Possibly feels fascinating, attractive, thoughtful or even absorptive.

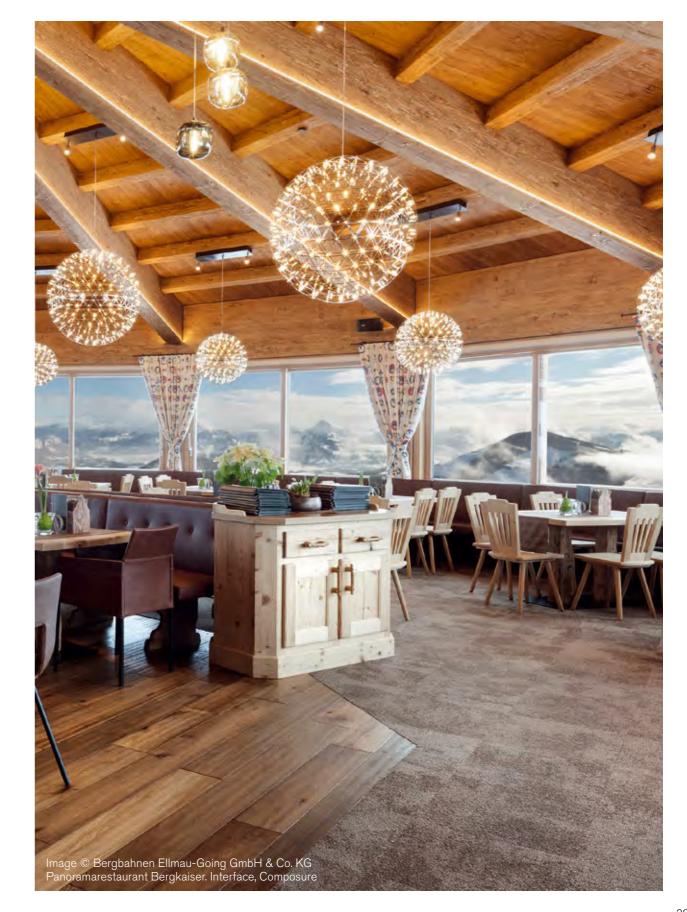


### **8** Biomorphic Forms and Patterns

### **Practical Examples**

- Organic shapes
- Natural colours
- Spirals
- Fractals
- Curves
- And, other geometrical forms





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### 9 Material Connection to Nature

#### **Pattern**

Material and elements from nature that, through minimal processing, reflect the local ecology or geology to create a distinct sense of place.

- Feels rich, warm and authentic
- Sometimes stimulating to the touch



### 9 Material Connection to Nature

### **Practical Examples**

 Materials that reflect the native ecology, such as specific types of wood, clay, leather, stones, wool and other fabrics.





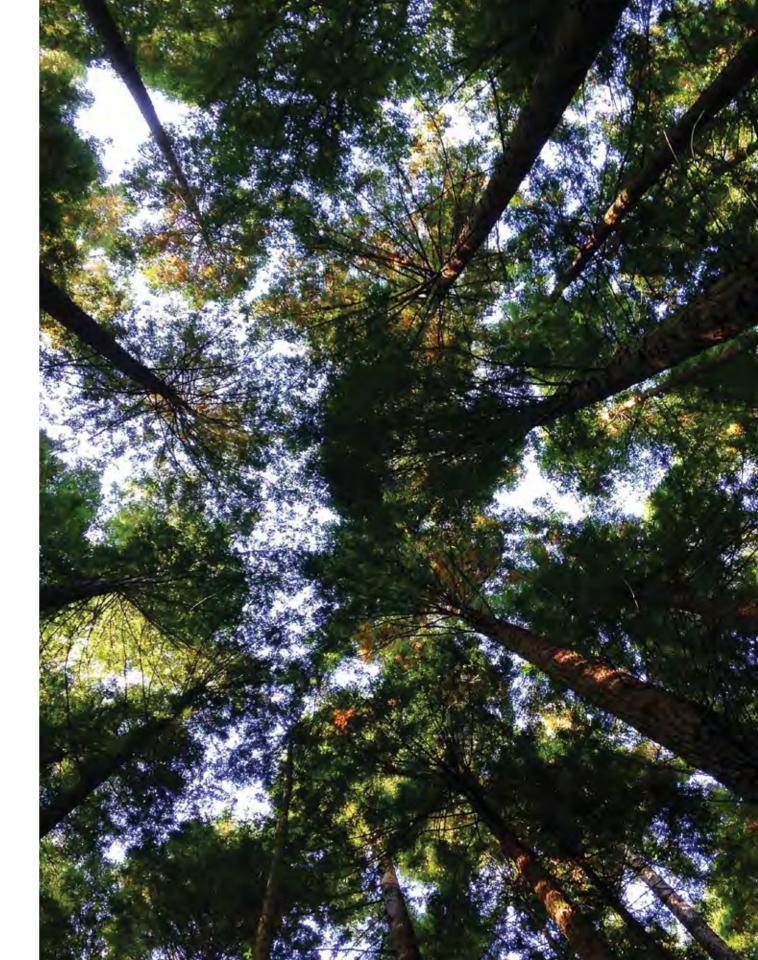
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# 10 Complexity and Order

#### **Pattern**

Rich sensory information that adheres to a spatial hierarchy similar to those encountered in nature.

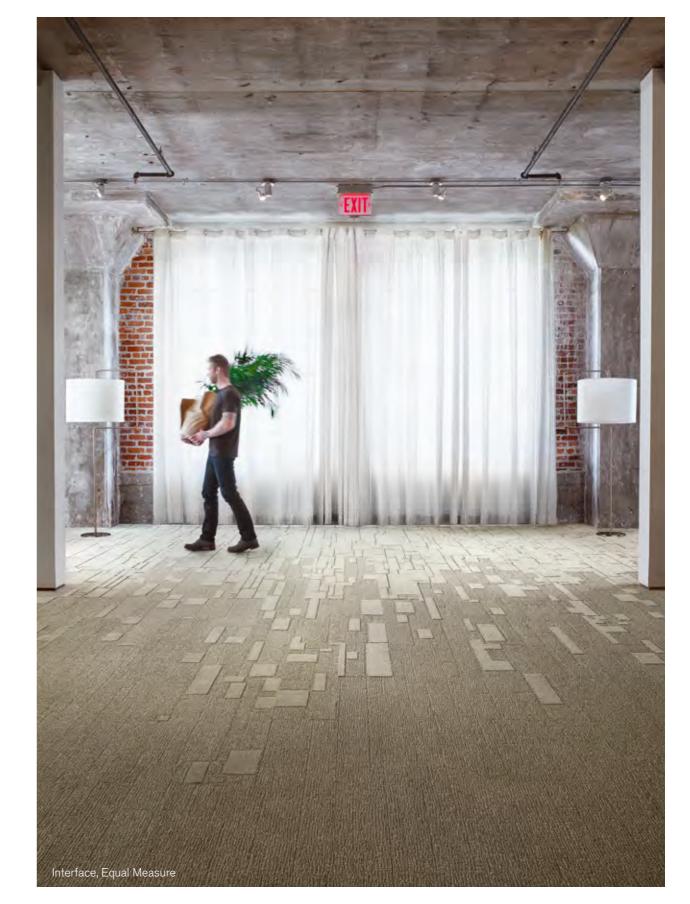
- Feels engaging and information rich
- Intriguing balance between boring and overwhelming



### 10 Complexity and Order

- Repetitive & symmetrical shapes
- Pattern order in wallpaper, carpet design Exposed structure & mechanical systems facades,
- Spandrel & window hierarchy
- Floor plan





# lature of the Space

The strongest experiences are achieved through the creation of obscured views and revelatory moments; co-mingled with patterns of Nature in the Space and Natural Analogues.



### 11. Prospect

#### **Pattern**

An unblocked view over a distance for surveillance & planning.

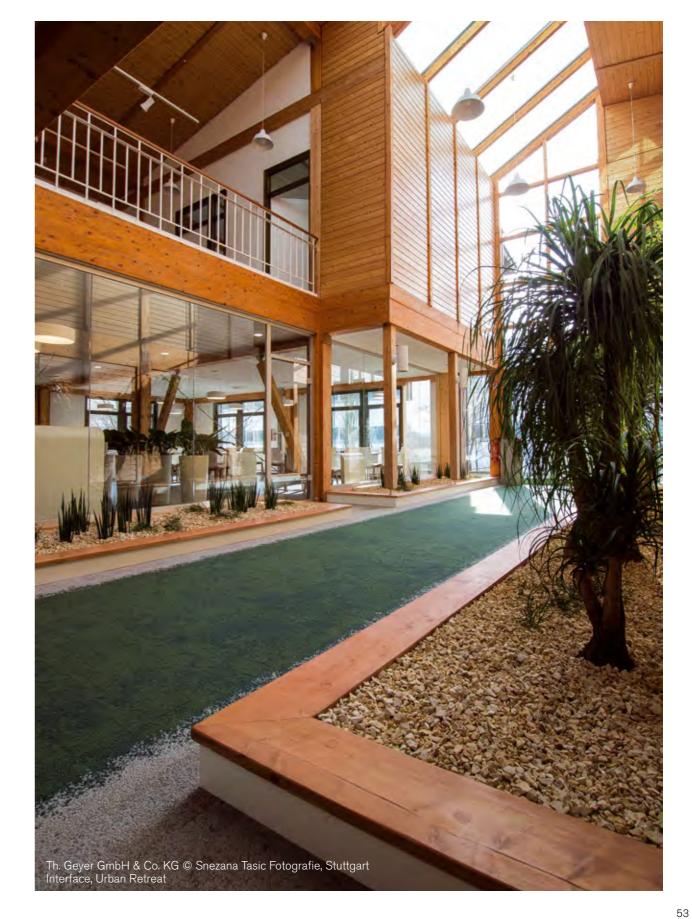
- Feels open and freeing
  Gives a sense of safety and control, particularly alone or when in unfamiliar environments.



### 11 Prospect

- Views (longer than 6m)
- Partition heights
  Transparent materials
  Staircase landings
- Elevated planes
- Open floorplans



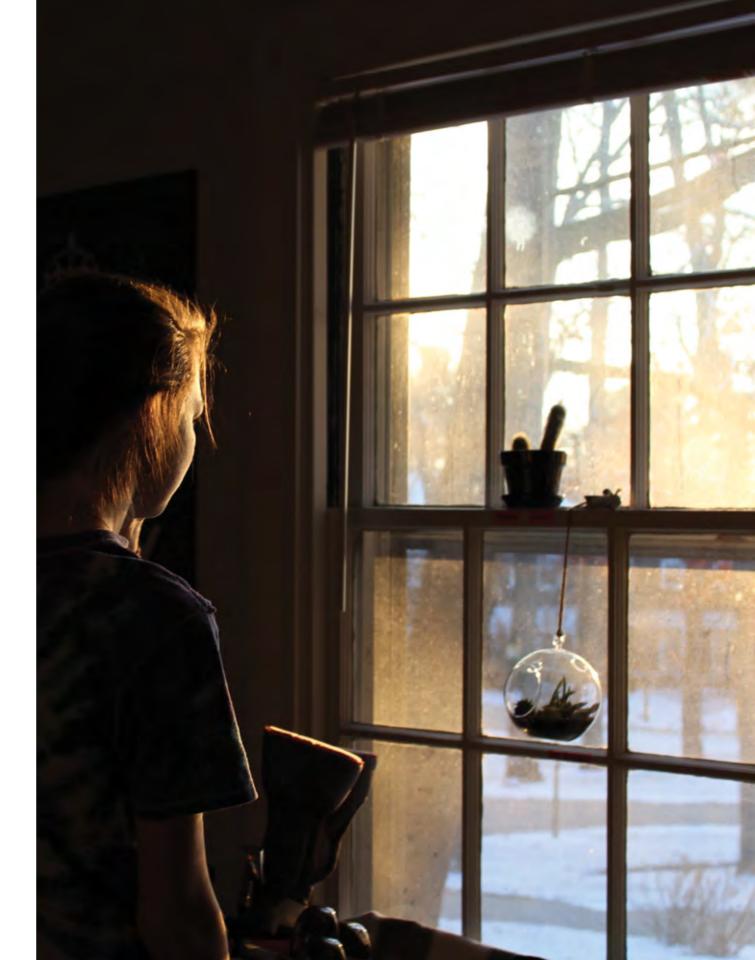


### 12. Refuge

#### **Pattern**

A place for withdrawal, from environmental conditions or the main flow of activity, in which the individual is protected from behind and overhead.

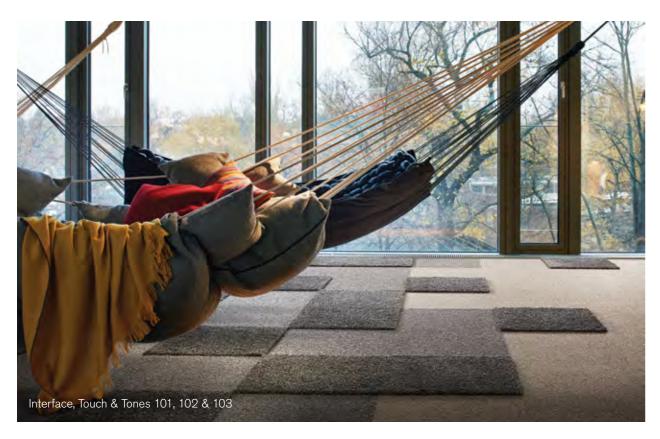
- Feels safe & provides a sense of retreat & withdrawal for work, protection, rest or healing
- Feels separate or unique from surroundings
- Spatial characteristics can be thoughtful, embracing & protective but not necessarily disconnected.

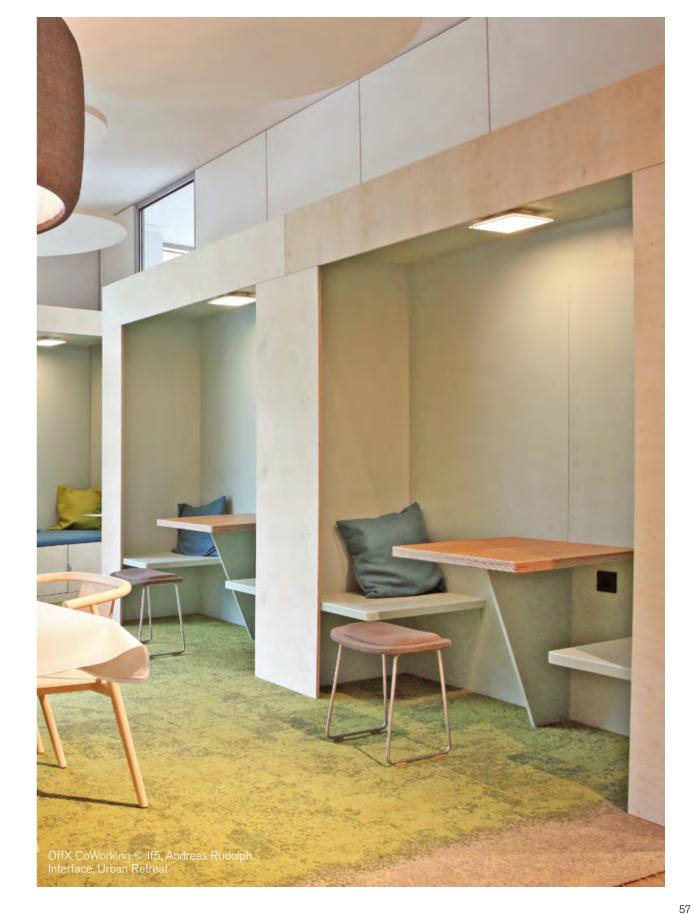


# 12. Refuge

### **Practical Examples**

- Modular refuge (small protection like high-back chairs)
- Partial refuge (several sides covered) reading nooks, booth seating etc...
- Bay window seats
- Canopy beds
- Gazebos
- Canopy trees
- Arcades & covered walkways or porches
- Extensive refuge (sleeping pods, tree houses)





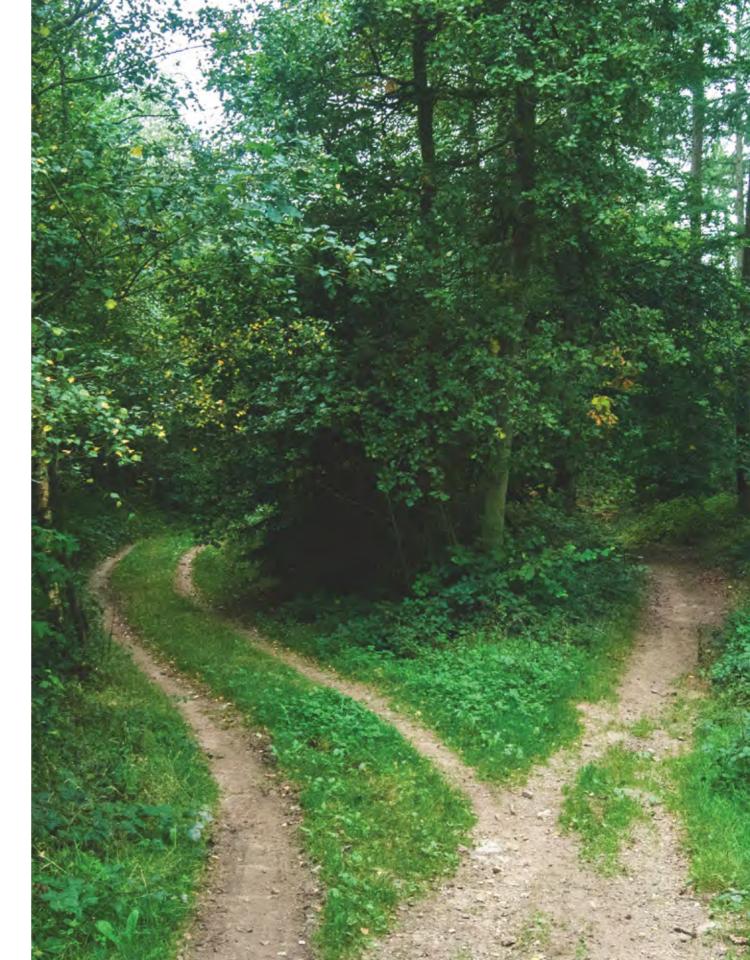
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### 13. Mystery

#### **Pattern**

The promise of more information achieved through partially hidden views or other sensory devices that stimulate the individual to travel deeper into the environment.

- Tangible sense of anticipation, or of being teased
- Offers the senses a kind of denial and reward that make one want to investigate further
- Makes one want to understand and / or explore.

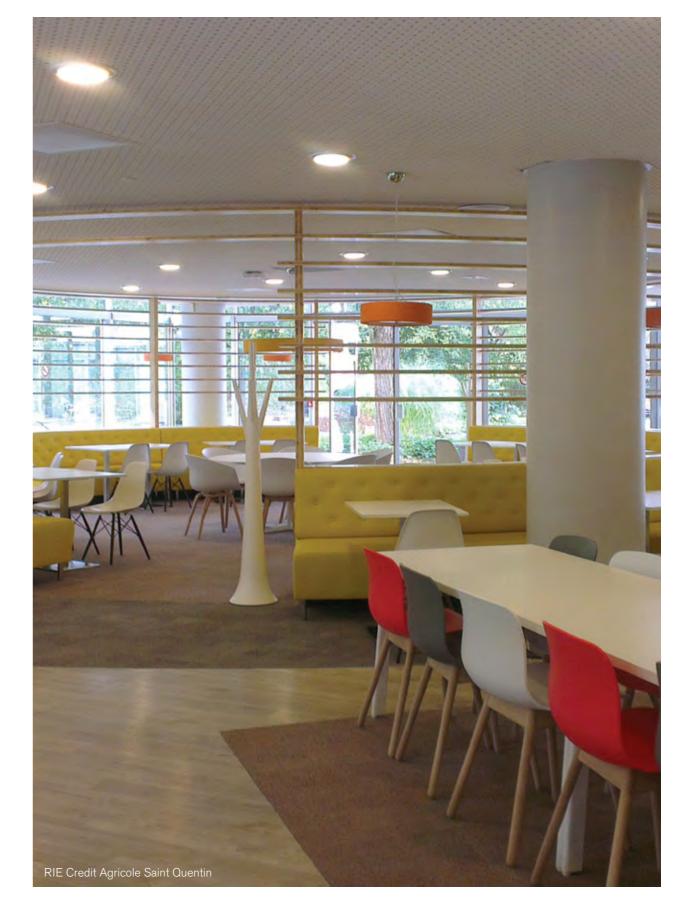


### 13. Mystery

### **Practical Examples**

- Labyrinths
- Winding paths
- Peek-a-boo windows
- Auditory stimulation from an imperceptible source
- Hidden views from the focal object





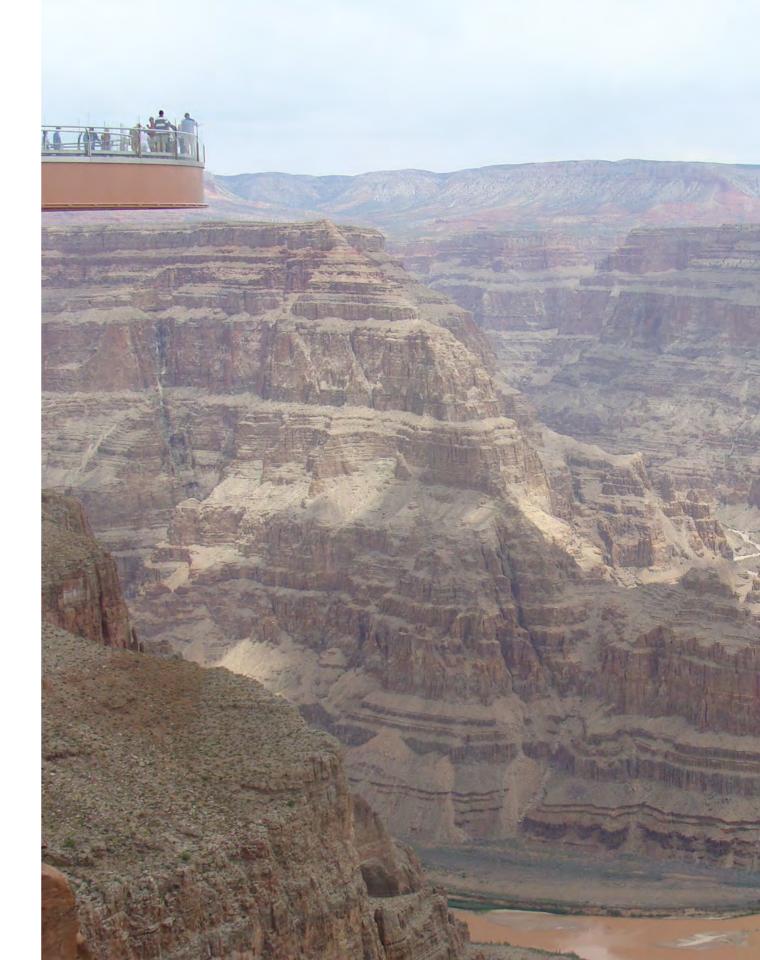
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### 14. Risk/ Peril

#### **Pattern**

An identifiable threat coupled with a reliable safeguard.

- Feels exciting, and with an suggested threat, maybe even a little harmful or negative
- Feeling of danger, but intriguing all the same, worth exploring and possibly even irresistible.



### 14. Risk/ Peril

- Heights
- Gravity
- Water
- Double-height atrium with balcony or catwalk
- Transparent railing or floor pane
- Passing under, over or through water
  Life-sized photography of spiders or snakes.



