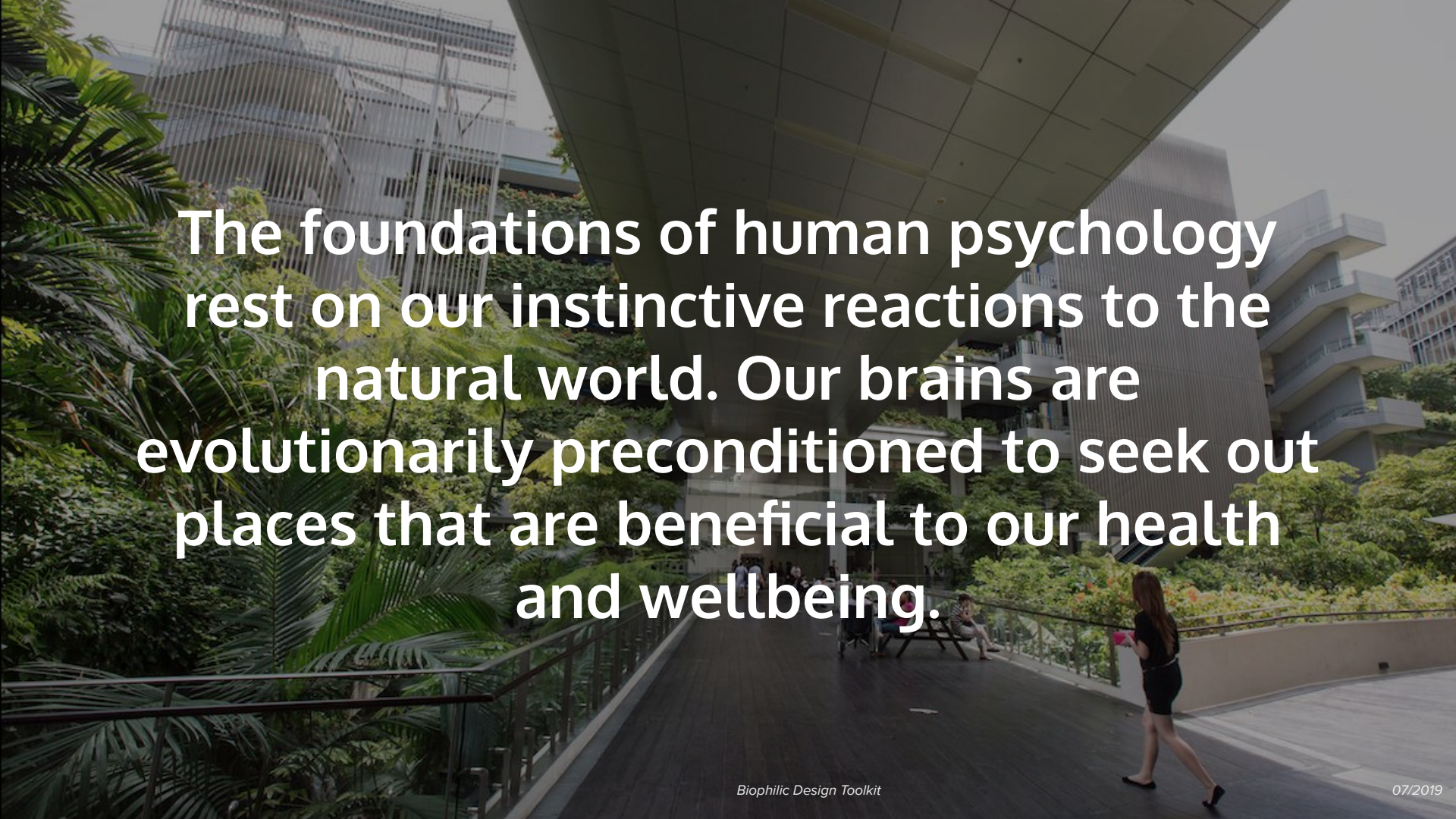




WHAT IS BIOPHILIC DESIGN?

The background image shows a modern architectural walkway with a large, overhanging roof. The walkway is paved with dark wood and has a glass railing. To the left, there is a dense wall of lush green plants, including palm trees. In the background, a modern building with a grid-like facade is visible. A few people are walking on the path, and a woman in a black dress is walking towards the right in the foreground.

The foundations of human psychology rest on our instinctive reactions to the natural world. Our brains are evolutionarily preconditioned to seek out places that are beneficial to our health and wellbeing.

The background image shows a modern architectural space. On the right, a building features large glass windows and vertical wooden slats. To the left, there is an outdoor courtyard with several tables and chairs, some of which are occupied by people. The area is filled with various plants, including tall grasses and leafy trees, creating a biophilic environment.

"Biophilic design is the deliberate attempt to translate an understanding of the inherent human affinity to affiliate with natural systems and processes—known as biophilia —into the design of the built environment."

Stephen Kellert

Biophilic design isn't a new way to build,
it is a new way of thinking and
incorporating intentional experiences
that connect people to place.



Biophilic design can be sectioned into three large areas of focus:

1. Direct Experience of Nature
2. Natural Patterns
3. People, Place & Culture



Biophilic designed
spaces...

Involve the use of
well-recognized
characteristics of the
natural world in the
built environment.



Direct Experiences of Nature

When the built environment literally brings nature into the space of the design. These natural elements can include plants, animals, water, light, and other elements or attributes that are commonly found in local wild spaces. These directly connect us to nature, and provide a sense of place that can be cultivated to be local or exotic.





Plants

Water

Sunlight

Biophilic designed spaces...

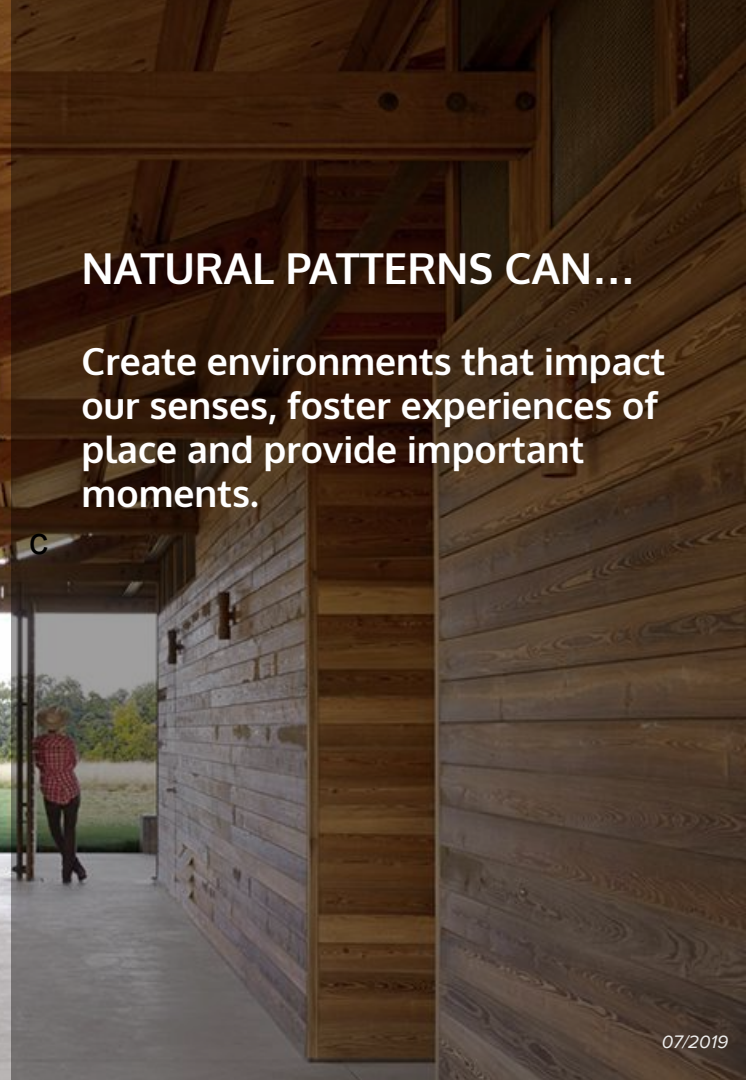
Can emphasize the incorporation of properties and attributes found in nature into the built environment. These include simulation of environmental shapes and forms, fractal patterns, images of nature, synthetic sounds, smells, and other experiences that abstract natural experiences yet provide a similar biophysical response.

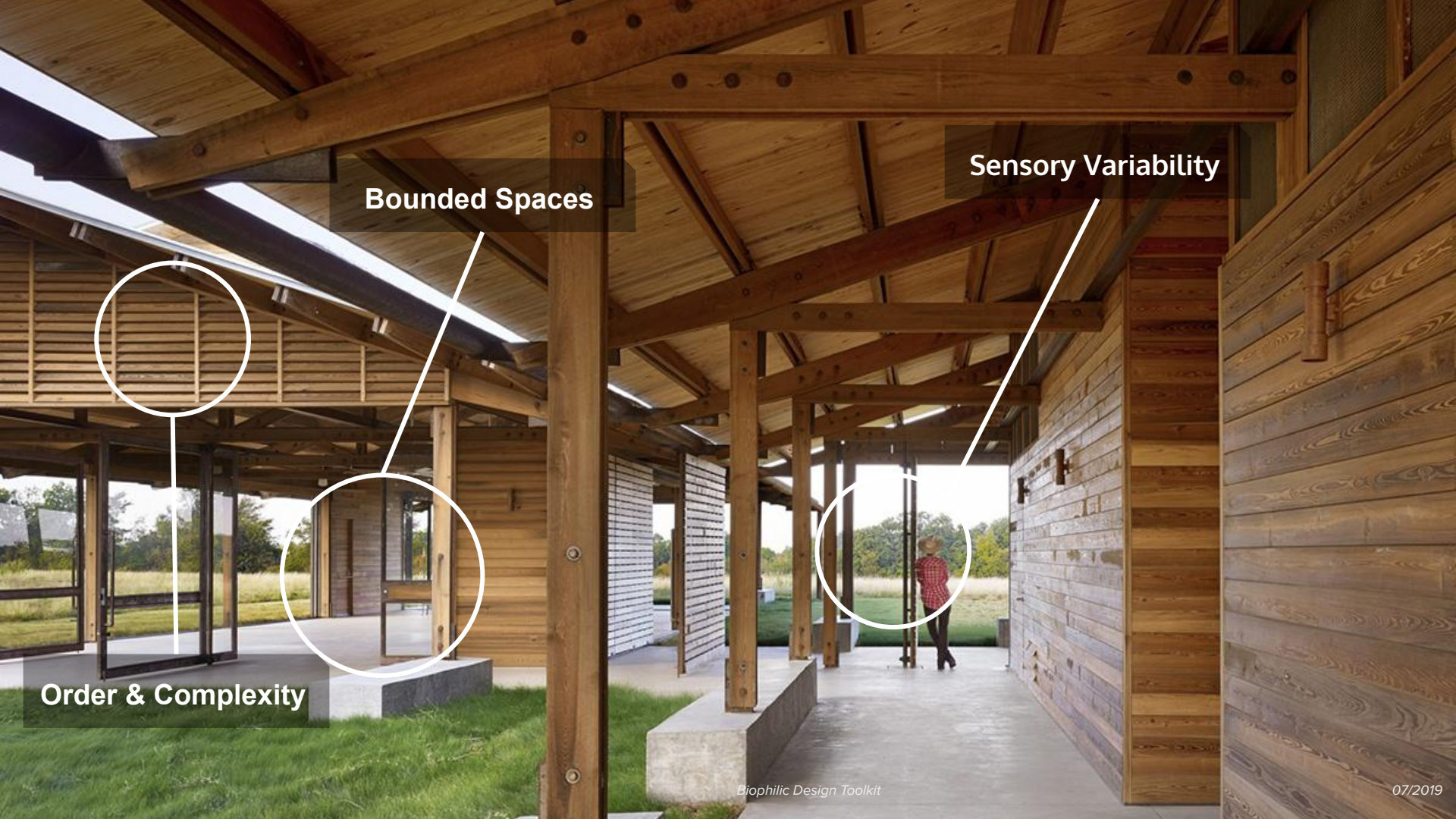




NATURAL PATTERNS CAN...

Create environments that impact our senses, foster experiences of place and provide important moments.





Bounded Spaces

Sensory Variability

Order & Complexity



Biophilic designed spaces are...

The successful marriage of culture with ecology in a geographical context. The connection of people to places reflects an inherent human need to establish a sense of place.



PEOPLE, PLACE, & CULTURE...

Integrates the history, geography, and ecology of an area, becoming an integral component of individual and collective identity. The need for culture is a universal human need, sustained over time by repetition, normative events, and the architectural heritage of a people, particularly its treasured and distinctive vernacular forms.





Historic Connection
To Place

Indigenous
Materials

Attraction & Beauty

Biophilic Design
creates vibrant and
resilient habitats by
understanding the
deep connection
between nature,
human health and
performance.

