Biophilic Technology Design Framework

NATURAL CONNECTIONS

Elements:
- ☐ Water
- ☐ Light
- ☐ Plant
- ☐ Air
- ☐ Animal
- ☐ Other: _____
- ☐ Rock
- ☐ Fire
- ☐ Soil
- ☐ Fungi
- ☐ Cloud

Form:
- ☐ Organic
- ☐ Size
- ☐ Color
- ☐ Other: _____
- ☐ Shape
- ☐ Structure
- ☐ Material
- ☐ Texture

Landscapes:
- ☐ Forest
- ☐ Savanna
- ☐ Beach
- ☐ River
- ☐ Waterfall
- ☐ Other: _____
- ☐ Sky
- ☐ Cave
- ☐ Desert
- ☐ Sea
- ☐ Polar

Phenomena:
- ☐ Atmospheric
- ☐ Astronomical
- ☐ Geological
- ☐ Other: _____

INFORMATION PROPERTIES

Diversity:
Uniform ←——————→ Diverse

Complexity:
Chaotic ←——————→ Comprehensible

Time Passage:
Static ←——————→ Dynamic

Variation:
Deterministic ←——————→ Non-deterministic

Sensation:
Unappealing ←——————→ Pleasing

SPATIAL PROPERTIES

Coherence:
Inconsistent ←——————→ Congruent

Extent:
Isolated ←——————→ Immersive

Prospect & Refuge:
Threat ←——————→ Safe

Mystery:
Fearful ←——————→ Intriguing

Wayfinding:
Placeless ←——————→ Exploratory

INTERACTIVE PROPERTIES

Modality:
- ☐ Visual
- ☐ Auditory
- ☐ Tactile
- ☐ Olfactory
- ☐ Gustatory

Attentional Locus:
Overt ←——————→ Ambient

Cooperation:
Coercive ←——————→ Voluntary

Familiarity:
Alien ←——————→ Relatable

HUMAN-CENTERED OUTCOMES

Physiological:
- ☐ Heart Rate
- ☐ Blood Pressure
- ☐ Pain
- ☐ Fatigue
- ☐ Alpha Amplitude
- ☐ Other: _____

Affective:
Reduces:
- ☐ Distress
- ☐ Sadness
- ☐ Anxiety
- ☐ Anger

Induces:
- ☐ Happiness
- ☐ Calm
- ☐ Other: _____

Cognitive:
- ☐ Attention
- ☐ Creativity
- ☐ Productivity
- ☐ Memory
- ☐ Other: _____

Social:
- ☐ Belonging
- ☐ Engagement
- ☐ Empathy
- ☐ Other: _____

Behavorial:
- ☐ Mobility
- ☐ Eco-friendly
- ☐ Sleep
- ☐ Other: _____