



Mental Health Project

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Concept

Knowledge

Ways to prevent the suicides

- Don't let them jump
- Don't let them hit the ground
- Reduce speed while falling
- Cause them to not want to jump

Barrier

Eliminate height

Net (temporary barrier)

- Comfort
- Distraction
- Social interaction
- Calming environment

Above Ground Underground Parking:

- Parking Lots surrounded by Gardens
- Parking Lot surrounded by dirt

Neither of these ideas are particularly beautiful during winter

~80% of attempted suicides in Parking Garages are jumping.

The most recent suicides at OSU have been from jumping.

Death occurs from impact with the ground at high speeds. (Considered Painless)

Underground parking

Define Underground:

- a.) below sea level
- b.)surrounded by Earth

Underground Parking



Suspended gardens



Year-round intervention must be a priority

What attracts people year round?

- Sights/views
- animals
- Waterfalls/fountains
- Landmarks

Water Wall Oasis Parking Garage

Pros:

- Inner/outer Beauty
- Adaptive to seasons
- Therapeutic sound
- Natural permiable barrier

Cons:

- Energy consumption
- Wind
- Temperature/seasonal sensitivity
- Maintenance
- Splashing
- Falling icicles



Concept

Parking Garage with controlled environment

Pros:

- Warmer environment
- Less wind
- Welcoming

Cons:

- Energy/money consumption
- Ventilation

Comfort cars

Pros:

- Fast stabilizing environment
- Cheaper
- Implications for bringing at-risk people home

Cons:

- Who drives?
- How will they know who needs help?
- Some people dislike cars

Public Greenhouse located on the top of the Parking Garage

Pros:

- Year-round consistency
- Offers a beautiful space for relaxation
- Attracts more people to the area
- Can be rented/managed by OSU's Agriculture Department

Knowledge

Ohio temperatures are too inconsistent for reliable results, unless controlled.

Consistent temperatures can offer a sense of stability to unstable individuals

Comforting, stable structures:

- Houses/homes
- Cars
- Greenhouses

Greenhouses

- Must have consistent temperature
- Year-round growth
- Warm and ventilated

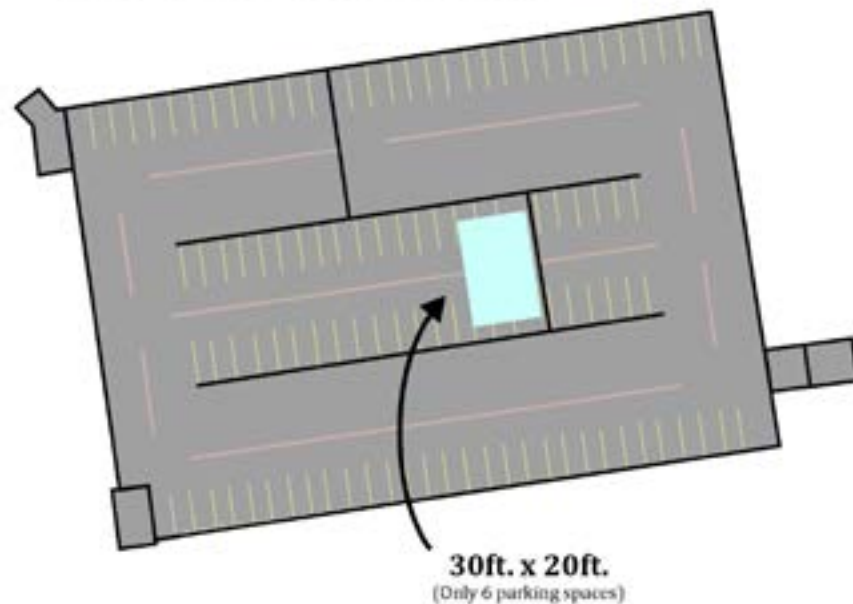


Community Greenhouse



- Attracts people during the night
- Especially effective during the Winter
- Leads people to the center (away from ledge)
- Offers a relaxing/safe space
- Suggests stability and growth to people that might not feel much of both
- Can be rented and managed by the OSU Agriculture Department

Ohio Union South Garage



Concept

Knowledge

Pinwheel power wall

Pros:

- Interactive?
- Energy source?
- Beauty
- Barrier

Cons:

- Size?
- Material?
- Potential hazard
- Ineffective energy source



Music/Chimes wall

Pros:

- Interactive?
- Beauty (Sun through glass)
- Sound
- Barrier

Cons:

- Materials?
- Noise pollution



WIND STRUCTURES

- Wind chimes
- Windmill/turbine
- Wind tunnel
- Pinwheel
- Instruments
- Through leaves
- Waves
- Wind vane
- Wind statue (Kinetic structure)

Shows ineffective energy source and structural issues (vibration, turbulence, noise)



Material choices and volume of chimes creates noise pollution. May cause more stress than calm.



Kinetic Structures

Pros:

- Beauty
- Barrier
- No noise pollution
- Material is evident
- Color-coding
- Discreet

Cons: Mechanics



Kinetic Wind Screen

To be placed along garage window structures, acting as a barrier and color-coding system (i.e. "I parked on the yellow floor").



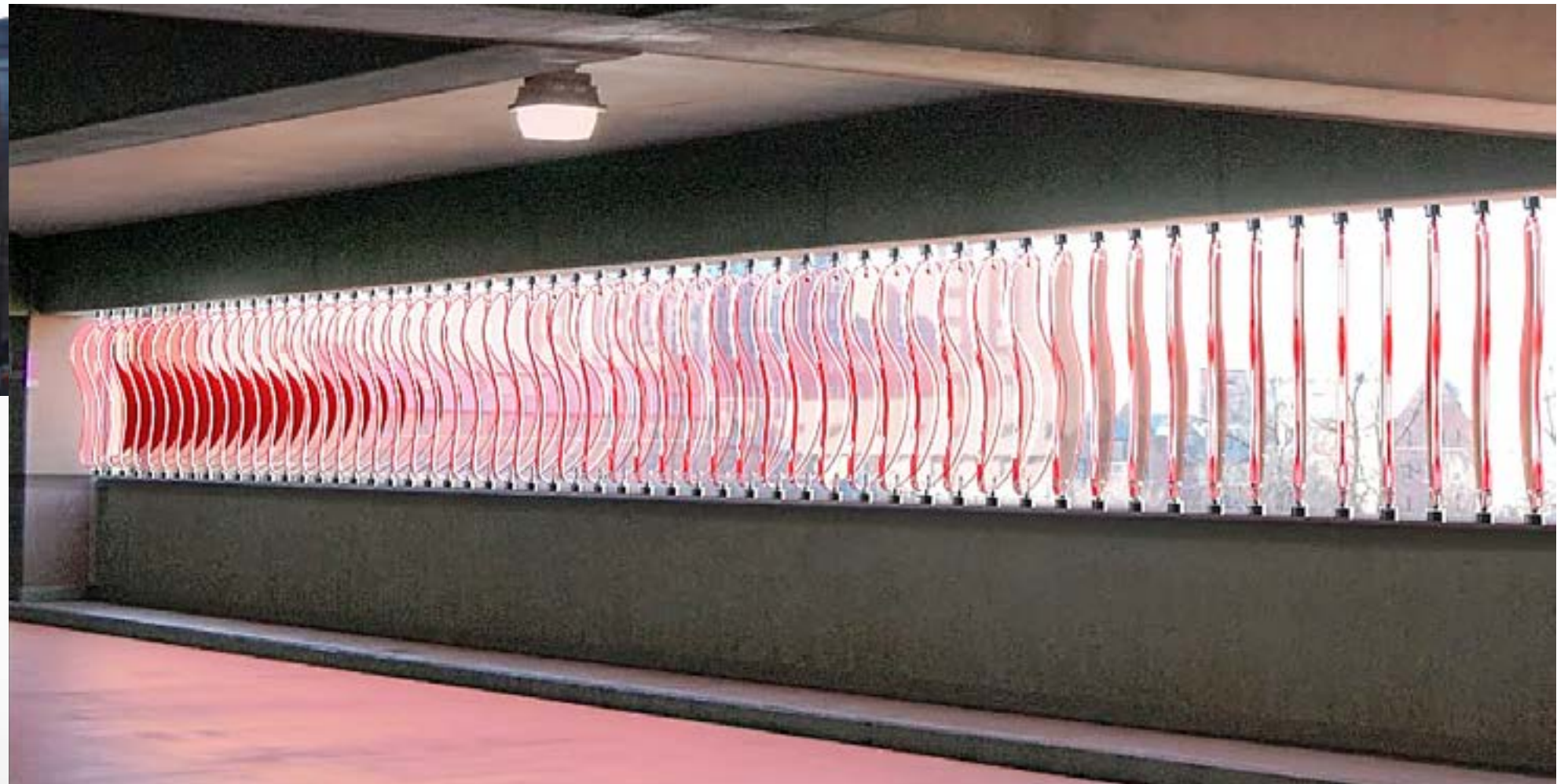
Kinetic Architecture

Shows viability of barrier, creates a discreet and beautiful fencing structure. Minimal maintenance, augmenting current structures.

Kinetic Screen



- Physically impossible to jump over the ledge
- Color coordination can be a reminder of what floor people parked on
- Adds beauty from both the inside and outside views
- Buffers some of the wind to make the parking garage environment more tolerable
- Movement of the panels can be a relaxing distraction to viewers



Ball bearing joint
with stopping
mechanism



Lightweight, translucent
plastic

Kinetic Screen Final Concept

Thank you