AE FOUNDRY PAVILION (V 2.0)

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SITE

Foundry Park - State College, PA
MAIN IDEAS

• History
  • Analysis of several shapes of instruments and tools used for metalworking
    • Furnace, Crucible, Molten Metals

• Customizable
  • Include elements that an occupant could move around and customize according to their needs

• Comfort
  • Protection from wind and sun
  • Separate areas for large or small gatherings
ELEVATION, PLAN, 3D
DESIGN – SERPENTINE AND BES

Partially underground, material (cork)

Moveable panels for ventilation, shading
The Furnace
• Central structure for larger gatherings
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- Central structure for larger gatherings
- Fire
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- Central structure for larger gatherings
- Fire
- Material – Steel, Chrome Plated
“Pods”
- Small gatherings
- Materials
  - Tinted glass (Glowing red)
  - Cork
DESIGN - HISTORY

“Pods”
- Small gatherings
- Materials
  - Tinted glass (Glowing red)
  - Cork
- Shape
  - Crucible
  - Molten Metal Stairs
Winds typically flow from west to east in State College; all walls on the West side of this pavilion can either be closed off or opened up to restrict or allow air flow depending on occupants’ needs.
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Reflective panels can be rotated to let in sunlight according to occupants’ needs.
SUN - SUMMER

Trees located primarily on South side to provide shading
MODEL
MODEL
THANK YOU!