
Rip[Stop] Tower

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Designed for the Bonnaroo Music and Arts Festival, Rip[Stop] Tower is meant to serve as a wayfinding landmark structure while providing shade and recreational space for festival goers. Drawing inspiration from the transient temporal context of tents and lightweight tubular structures, the tower is assembled as a lightweight cellular structure composed of bent hollow metal conduits. The varying cell density reflects principle stresses similarly to a non-homologous material like trabecular bone structure, while maintaining a standard material cross-section. Also referencing materials used in tents, ripstop fabric panels are stretched across judiciously chosen cell facets to provide shade during the hot summer afternoon hours. These fabric panels can be reconfigured for different events, reflecting the transient nature of the festivities. Suspended with nylon rope at the volumetric centroid of each cell is a planter for hanging vegetation which will grow and intertwine with the nylon rope web network, eventually overtaking the entire structure and serving as a temporal reference. The symbiotic growth of the plants with the tower structure will evolve and change throughout the seasons as well as from year to year. Beyond creating a shaded inhabitable landmark for rest and

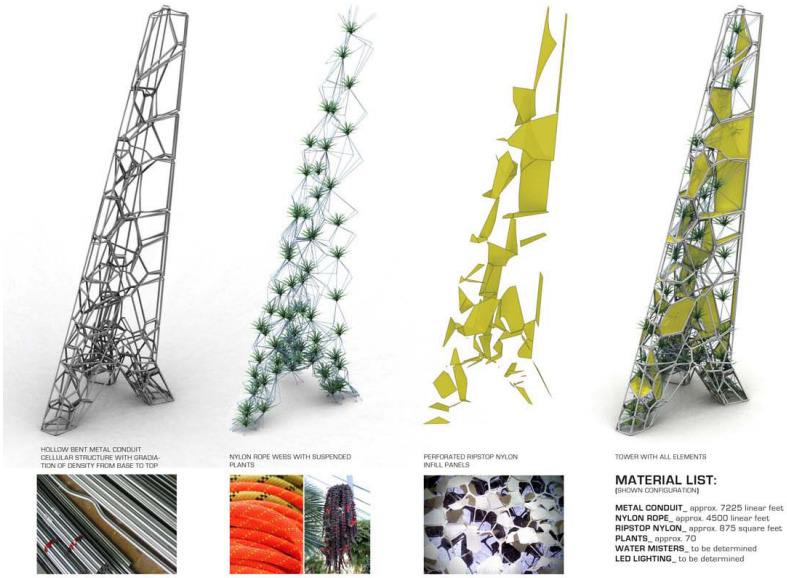
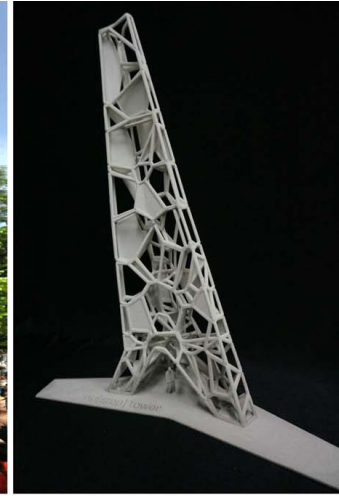
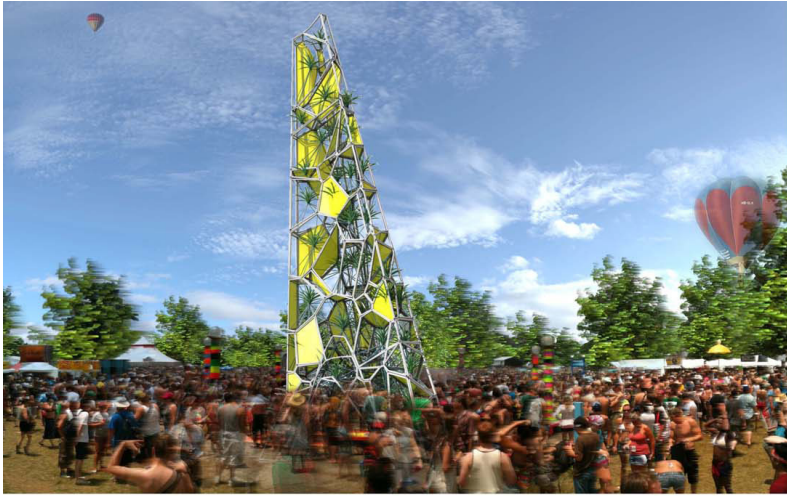
recreation, the structure incorporates systems for water mist cooling during the day and LED strip lighting at night, completely transforming the atmosphere during the evening hours. Rip[Stop] Tower frames the sky and anchors the nomadic activities transpiring in its vicinity, while hearkening back to its roots of nomadic dwellings and lightweight materials.

CREDITS

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