

48° 37'

planisphere

design workshop / atelier

1 Scott st. suite 416
M5E-1A1
Toronto, Ontario Canada

Planisphere is an interdisciplinary team interested in installation projects which afford opportunities for geometric and material research. In previous works, the diversity of our methods and approaches – arising from the disciplines of architecture, landscape architecture, and mathematics – has led to a variety of design experiments. From this repertoire of experiments, our team is collectively skilled and experienced in the design, fabrication, and assembly of architectural installations. We are excited to deploy our skills to this geometrically sophisticated landscape installation.

Members

Fionn Byrne
M.LA

Ultan Byrne
M.ARC candidate

Daniel Hambleton
M.SCI

Nariman Mousavi
M.ARC candidate

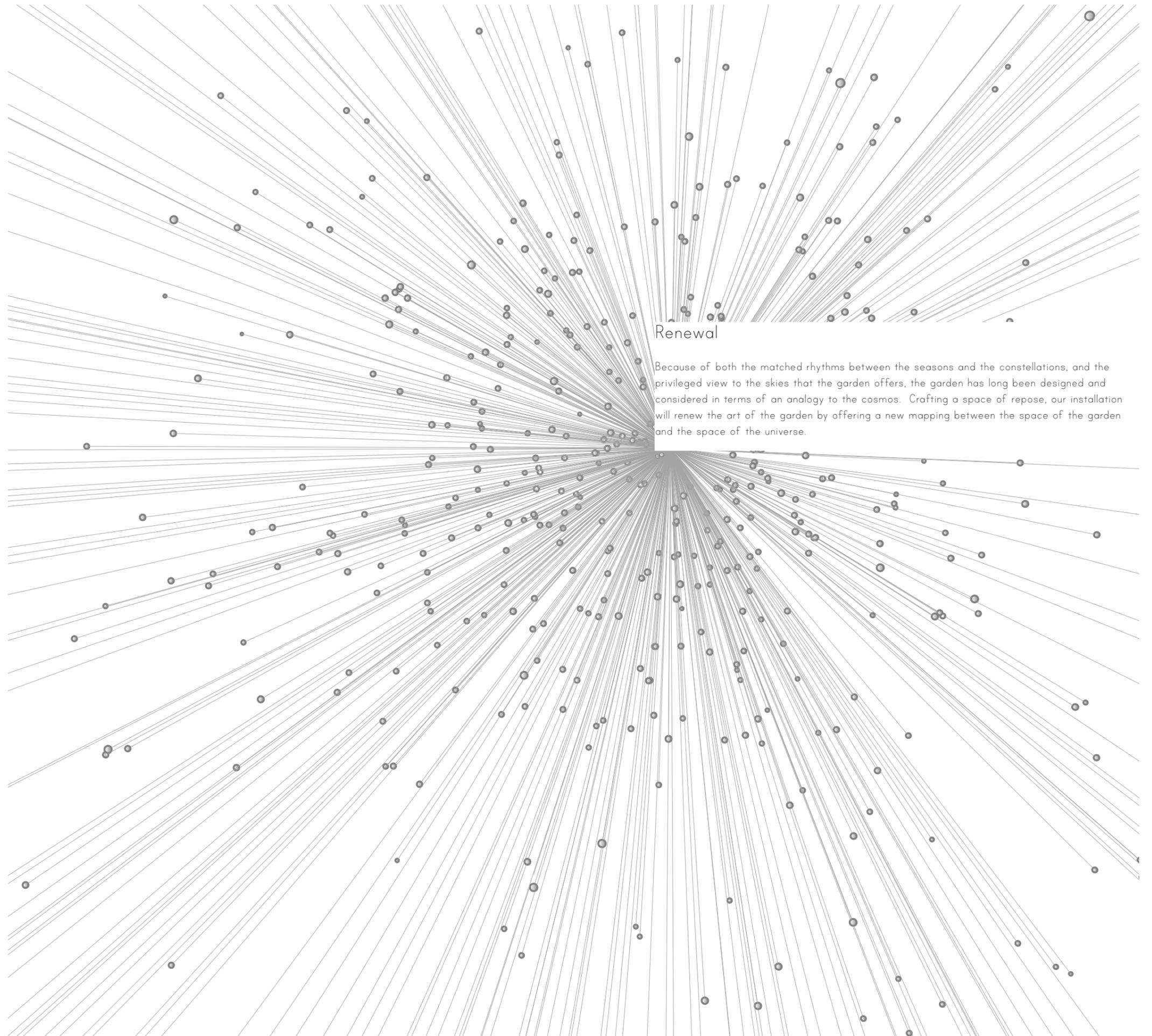
Richard Papa
M.ARC candidate

contact

Vincenzo Stagnitta
M.ARC candidate
6474 des Angevins. H1K-3R5
Montreal Quebec Canada

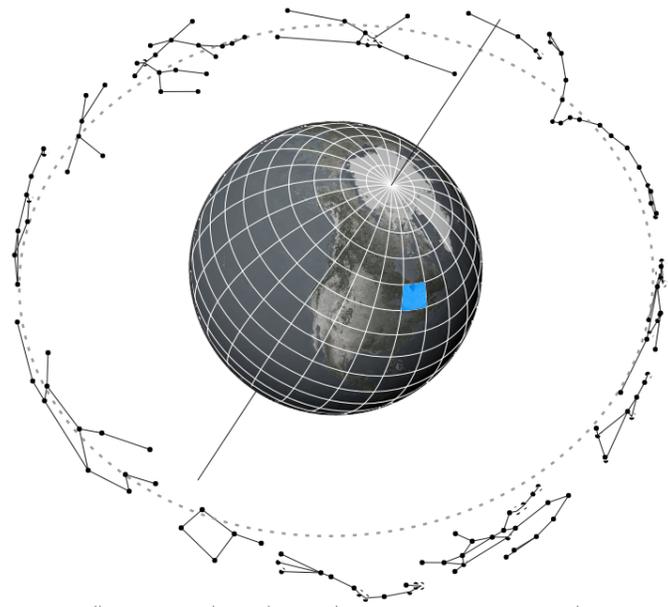
1(647) 802- 5124

enzostagnitta@gmail.com

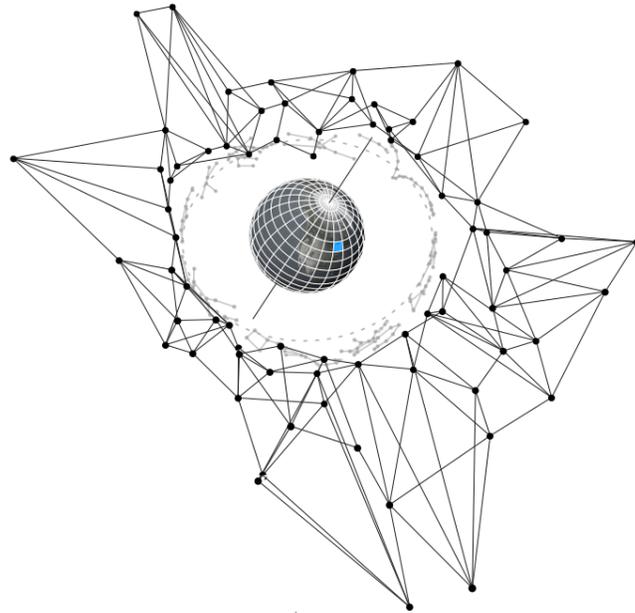


Renewal

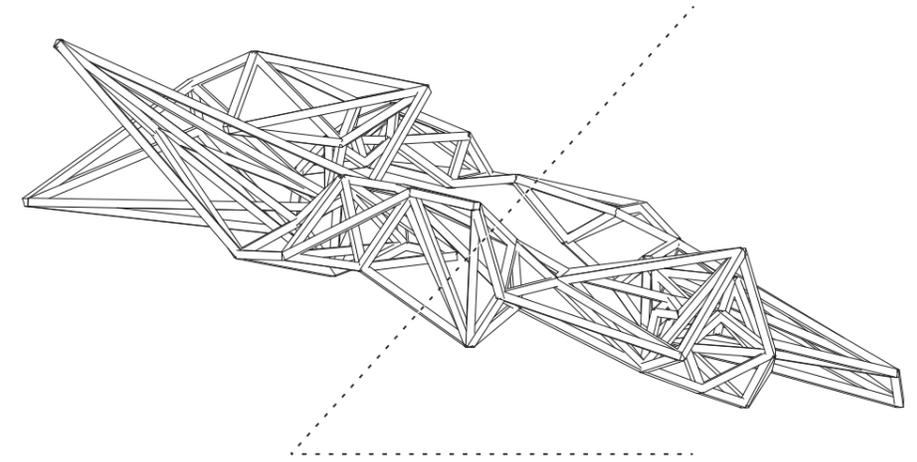
Because of both the matched rhythms between the seasons and the constellations, and the privileged view to the skies that the garden offers, the garden has long been designed and considered in terms of an analogy to the cosmos. Crafting a space of repose, our installation will renew the art of the garden by offering a new mapping between the space of the garden and the space of the universe.



flat constellations on the ecliptic plane as we experience them



creating spaces using actual star positions



orientation of structure for site coordinates (48°37'N 68°07'W) and summer solstice for festival opening

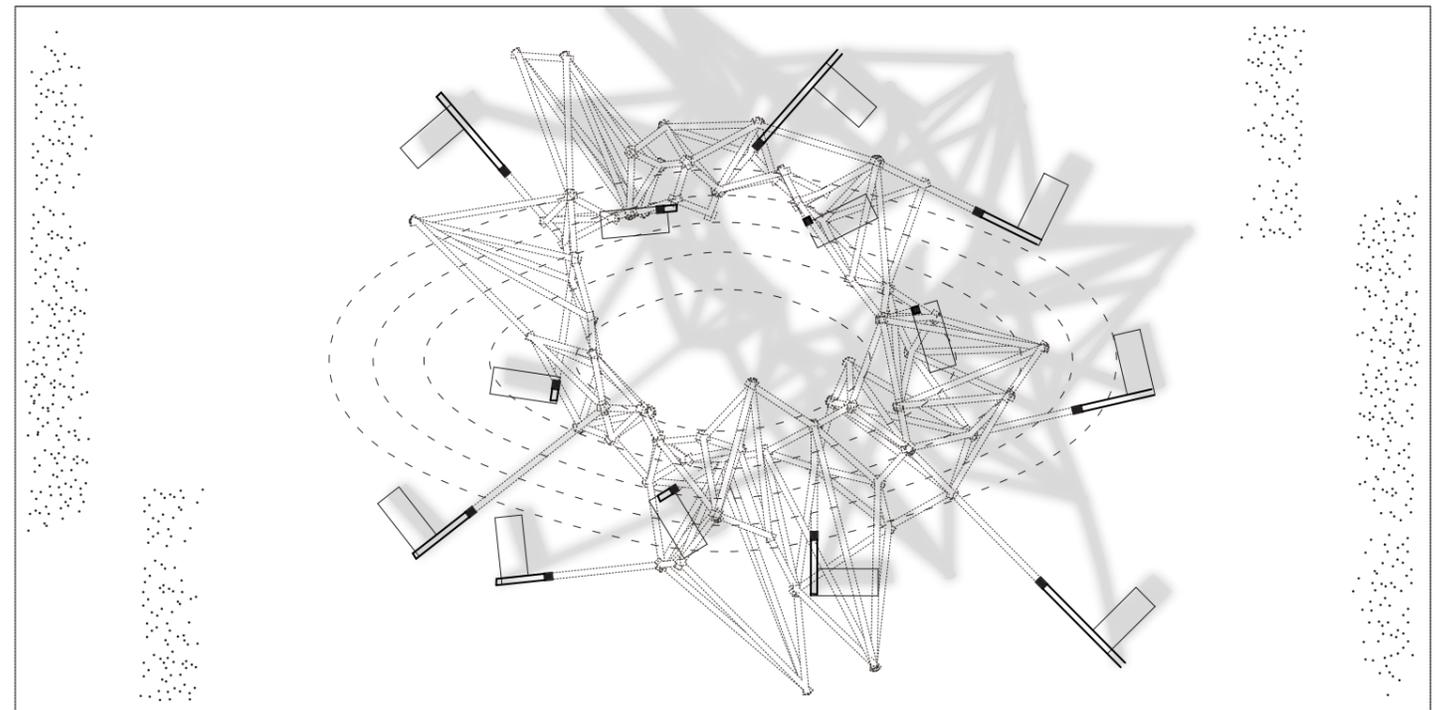
48', 38 SEC is a diagram of the stars - a mapping of their positions in space made available to the human scale. The installation is intended to facilitate awareness - at all times of the day and night - of the celestial bodies in constant passage through the sky. In collaboration with the University of Toronto's Faculty of Astronomy and Astrophysics, the installation is calibrated to the star arrangement that will be visible from the Reford Gardens in the summer of 2012. Planisphere captures the cosmos as a shelter for pause and contemplation.

Visitors to the 48', 38 SEC garden are offered the experience of occupying the space of the constellations. This space is manifested as a network of timber members which link together the stars as an architectural lattice. Beneath this lattice, a landscape of small gardens and an earthen mound offer places to rest and contemplate.

Dwelling for a moment in this earthly shelter, and realizing its correspondence to the stars above, occupants are led to consider the small role of our own planet in the cosmological choreography of the expanding universe.

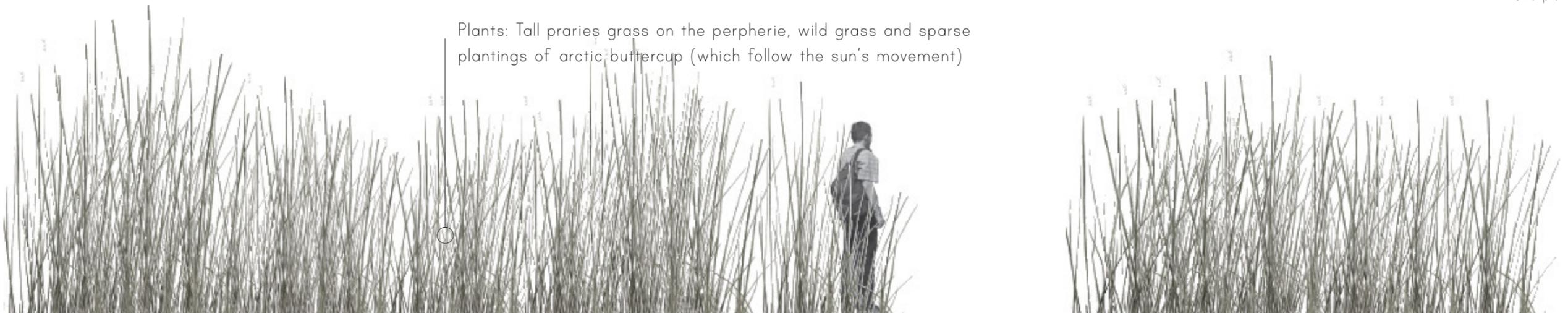


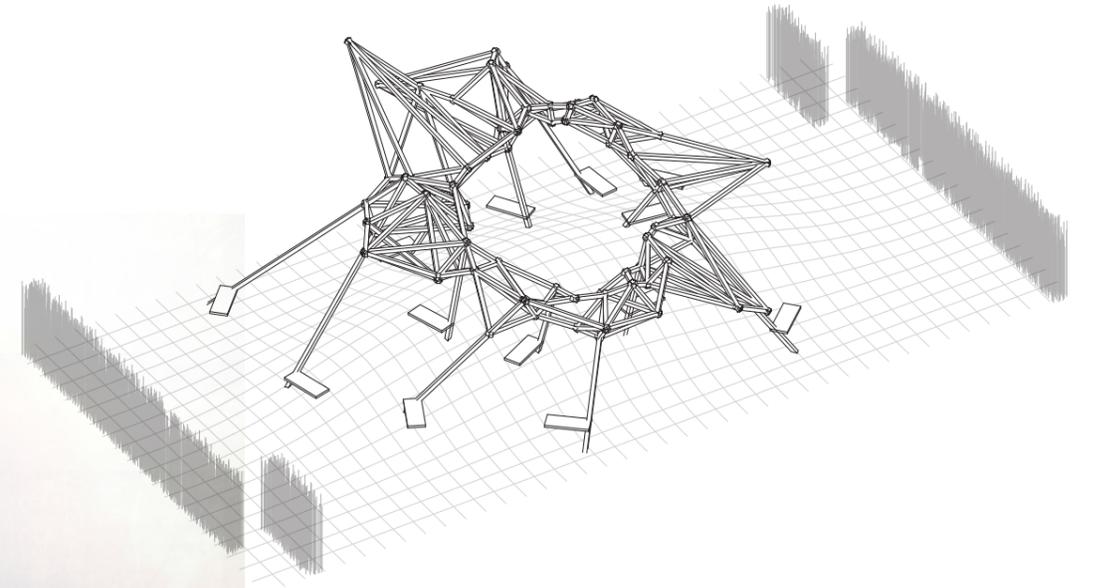
novel method of wood joinery will allow an eccentric structure be built using dimensional lumber and minimal cuts



Site plan 1:100 North ↑

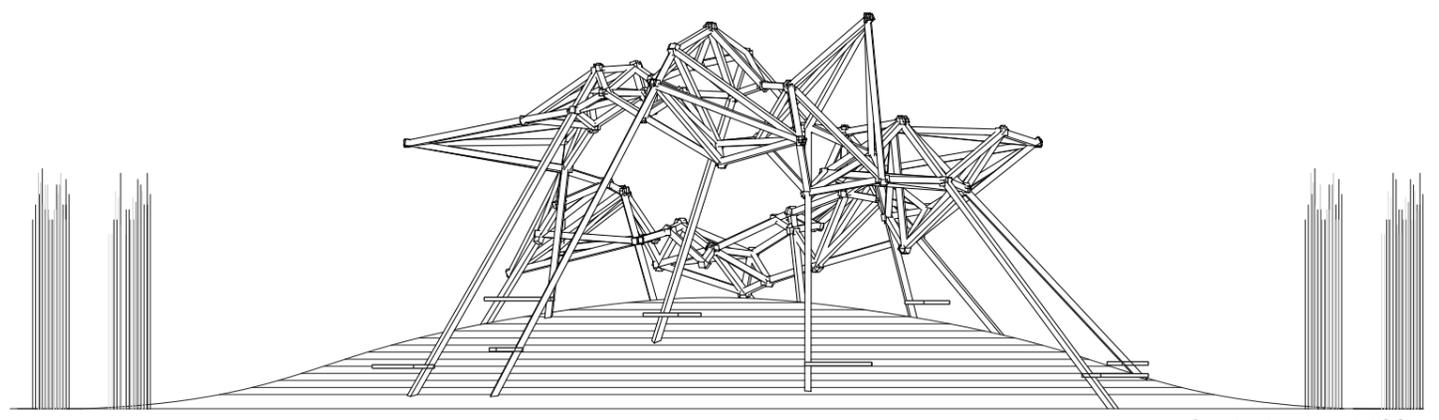
Plants: Tall praries grass on the perpherie, wild grass and sparse plantings of arctic buttercup (which follow the sun's movement)



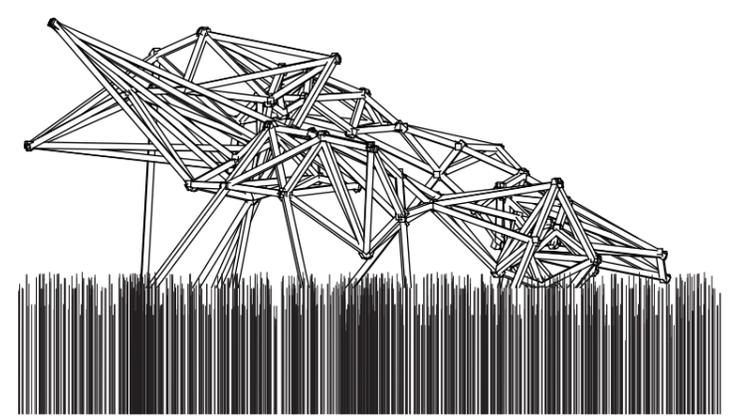


site elements axonometric

approach



South elevation 1:100



West elevation 1:100