Transformation of Beckholmen

James Anstey
The topography of any given site is developed in different ways considering topology in architectural drawing. The observations in the subsequent body of drawings constitute a topological landscape with a great many parallels to the architectural context. It may be described in time and space, as a complex traversed by forces, transformation and synergy; expressing and configuring varied and ambiguous significances through constellations that are both real and virtual. The method seeks to provoke a mode of operation in-between the real and the virtual, which may be said to hold the subject as its pivot along the phenomenology of the architectural object; omnipresently considering and shaping virtual constructions capable of instrumenalizing ambiguity and opening up a topological production of architectural meaning.
Topological model of landmass expansion based on triangulation of topography

Diagram 1

Incremental increase of island circumference

Current outline

Section plane
Skylight positioned where grids clash. Resulting wedge-shaped structure in unison with landscape.

Columns are rotated and extended to form beams. Pace of beam corresponding to dock crane rail.

Twisting structure as part of landscape model. Static space sits within landscape. Open/enclosed in correlation to outline model.


Twisting columns at back relocated to form twisting beams at entrance. Columns rotate to support cantilever.


Condition 1
Two directional view
Open space/Partial subdivision
Stretched skylight
Expansive skylight
Opens up to roof landscape
Possbile mezzanine
Multiple entrances

Programmatic opportunities:
- Exhibition space
- Wine bar
- Shipyard offices
- Daycare center
- Naval School secretariat

Condition 2
Open space with possibility partial subdivision.
Interconnected to secondary two-story space.
View and entrance from waterside.
Continuous surface circles two-story second space opening up to landscape roof.
Large skylight section.
Programmatic opportunities:
- Museum
- Nightclub
- Café
- Greenhouse garden
- Shipyard office and storage
- Biergarten

Condition 3
Open elongated space with possibility partial subdivision.
Partial two-story space.
360 degree views and entrance from waterside.
Programmatic opportunities
- Restaurant (Possibly tied to Oaxen)
- Offices
- Naval school facilities

Open space/Partial subdivision
Partial two-story space
360 degree views
Continuous surface interconnectedness
Second story
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