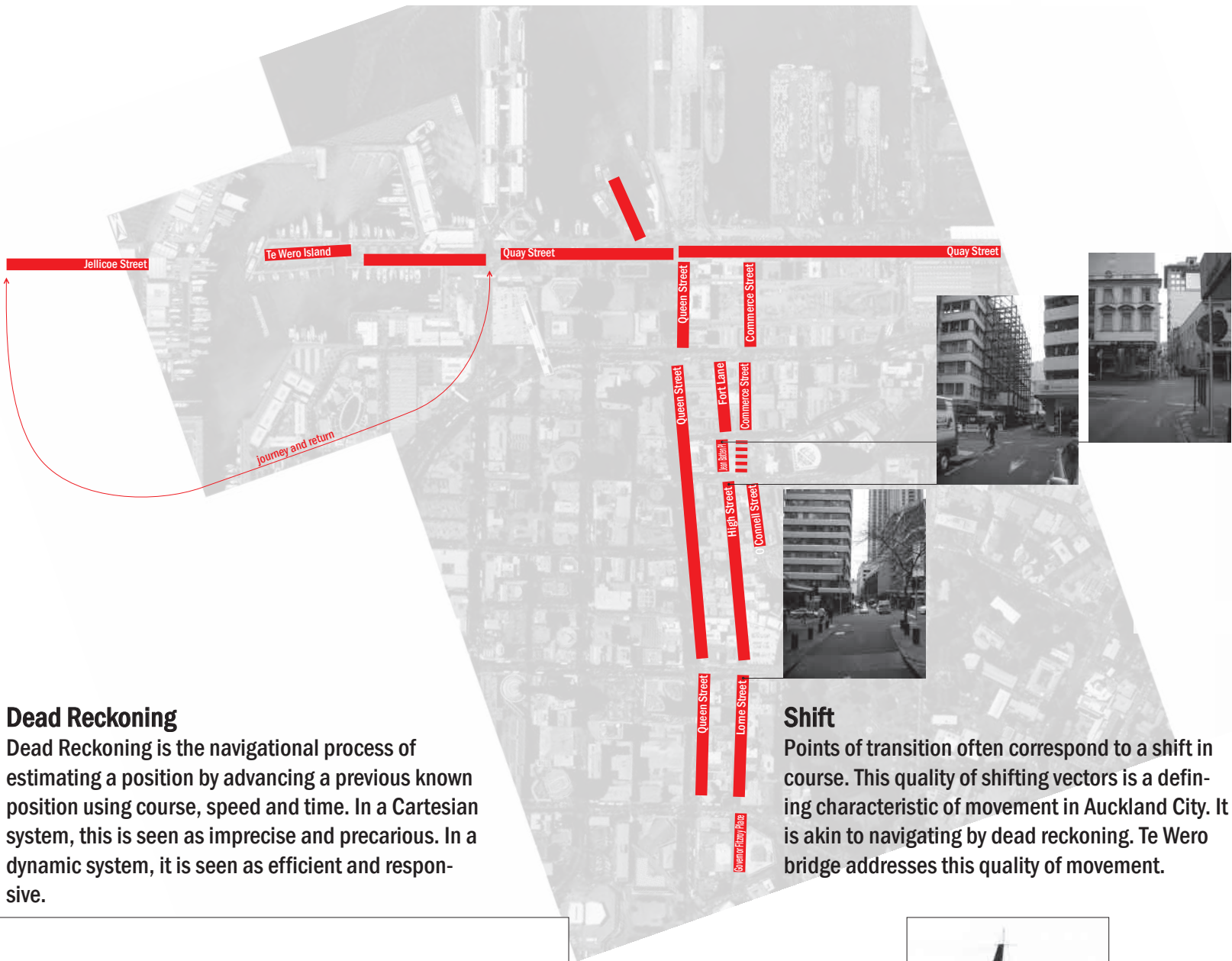


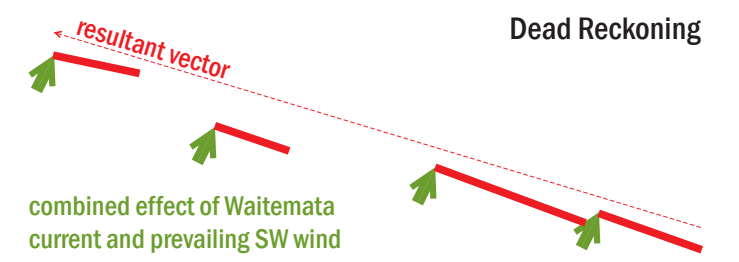


Static
European monuments celebrate moments and accomplishments in a typically static form. As memory fades, form becomes the focus. Great axial boulevards punctuated by static objects are an expression of a universal Cartesian geometry.

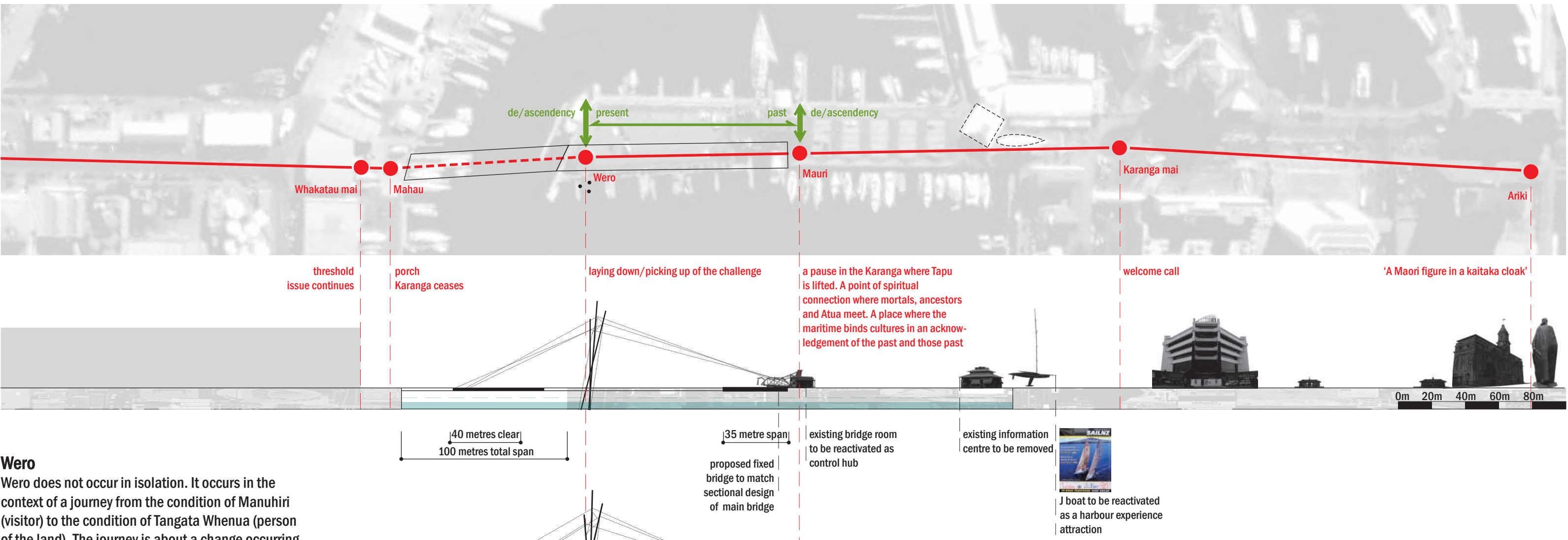
Dynamic
“Polynesians designate the ocean as the va or wa; an opening, a gap or in-between place that dislocates and disconnects people and things, not in a negative way but as a reality that provides a way to bond them positively” (Refiti, 2003). A Pacific monument might celebrate the journey of discovery and return across the ocean, the va that unites us. The geometry of the Pacific is the dynamic geometry of tides, current, and relative positions.



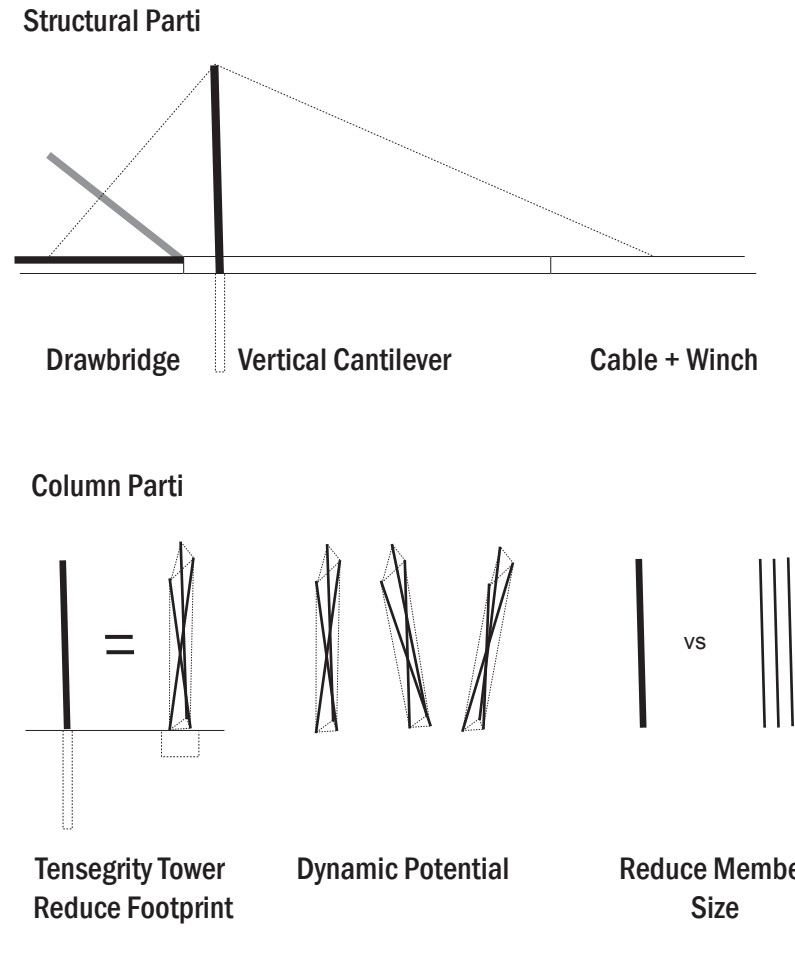
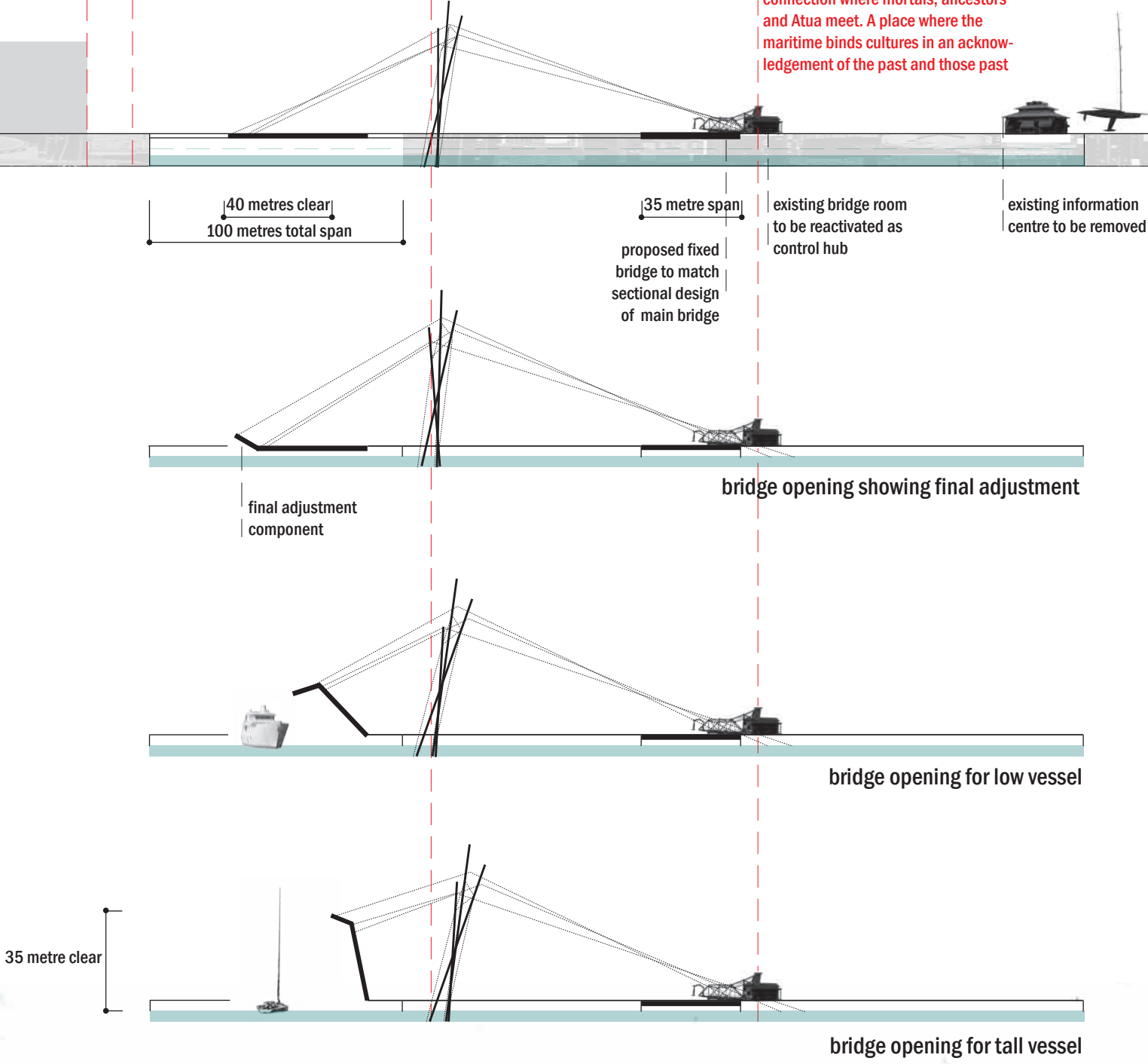
Dead Reckoning
Dead Reckoning is the navigational process of estimating a position by advancing a previous known position using course, speed and time. In a Cartesian system, this is seen as imprecise and precarious. In a dynamic system, it is seen as efficient and responsive.



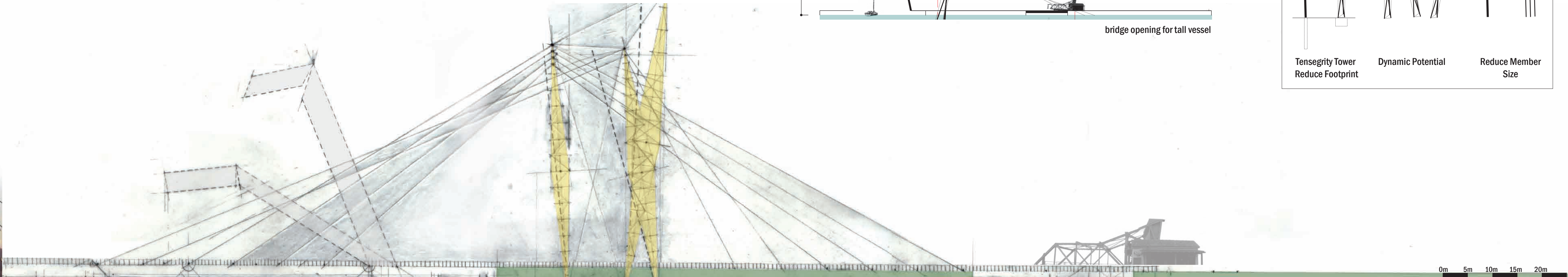
Shift
Points of transition often correspond to a shift in course. This quality of shifting vectors is a defining characteristic of movement in Auckland City. It is akin to navigating by dead reckoning. Te Wero bridge addresses this quality of movement.



Wero
Wero does not occur in isolation. It occurs in the context of a journey from the condition of Manuhiri (visitor) to the condition of Tangata Whenua (person of the land). The journey is about a change occurring, a becoming, and is articulated through a series of dynamic tonal shifts: Karanga, pauses, and meetings. We have mapped this journey onto the site, and articulated the new Te Wero bridge as one these shifts.



Artists Impression from Viaduct Harbour Restaurant Precinct



0m 5m 10m 15m 20m

Dynamic Geometries

Te Wero Bridge as a Pacific Monument

Te Wero bridge re-interprets traditional notions of monumentality by projecting itself as a dynamic point of exchange. The bridge is a new kind of icon for Auckland. Positioned to articulate a subtle adjustment on the Quay St / Jellicoe St axis, it plays its part in a series of urban callings. It offers the challenge of arrival and departure, and sets up a continual dialogue between the city and Wynyard Quarter.

Gently wavering masts respond to environmental shifts. On opening, the structure becomes taut, and the roadway rises to scribe an anthropomorphic arc. On closing, the bridge lowers itself back into place, gesturing a precise offering, and providing the necessary tolerance. The event is a study of poise and elegance. The bridge is structurally efficient, with its tensegrity tower, geometrically folded decks, and a gravity and spring-assisted cable and winch system. Te Wero bridge acts as a symbol of the First City of the Pacific not only by its physical presence, but through its articulation of what it means to be Pacific.