Shift

Shift occurs for reasons of exchange. The journey is about a change occurring, a flowing, and a rearticulated through a series of dynamic vectors within the frame of a journey and return. Here Wero maps this journey across the site, and articulates the two Te Wero bridges as one of those shifts.

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.

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

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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 the articulation of what it means to be Pacific.