**ESTUARY**

Inspired by the pre-development ecology of the Mission Bay estuarine marshes, **ESTUARY** comprises three residential structures that are shaped and organized by the flow of people and systems. These prismatic building masses enclose a centerlanced community courtyard that connects the residential and also the energy and water systems below. A porous site plan allows entry and access to major campus greenway and transit connections, and invites the larger community to circulate through the courtyard spaces. Each faceted residential tower is arranged to offset individual unit views and provide daylit harvesting and natural cooling, with residential units connected through internal atrium ventilation stack spaces.

**ESTUARY** weaves together timeless passive strategies and high performance building envelopes and renewable energy strategies, including a district heating loop that combines energy collected from the earth, sun and compost and methane sources on and below the site. Most importantly, **ESTUARY** also seeks to inspire user engagement and responsibility, through a celebration of human actions that drive down energy demand, including inviting external stairways, expressed passive clothes drying, occupancy energy budgets and shared community kitchen spaces. Collectively, these and other strategies encourage stewardship, social engagement and a community commitment to a zero net energy balance. **ESTUARY** is an icon of change, and a powerful new framework for human experience.

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**WELCOME HOME** - **ESTUARY** weaves performance with humanity, creating community and comfort on the UCSF Mission Bay campus.

**SHARED DISTRICT SYSTEMS** - energy and water systems are collected and distributed through centralised system spaces below the courtyard. Circulation strikes within the buildings allow privacy and social connections.

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**SKYLINE** - external passive clothes drying stacks reduce energy demand and adds human expression to building facades.