***Conspicuous Habitat*** 01009170

*Conspicuous Habitat* serves the aquatic environment and the urban grid a significant favor due to its productivity. It consists of firm, overlapping linear elements emerging from the ocean out into the atmosphere where it becomes an intricate, yet exuberant structure for the ambient guests and ecology.

As you meander along the pier, you notice a welcoming threshold leading towards the offshore. Strolling onto the route that hovers the clashing tides of the ocean, you suddenly encounter a rope tied to the railing of the path. Where the rope meets the surface of the ocean, marine activity is conspicuous; mussels and oysters are clutched onto the rope while schools of fish linger the contemporary habitat. Each of these species at their mature stage can sift up to 5 liters of water per hour, serving as a biological infiltration system for a cleaner Santa Monica Bay.

Suddenly, the polyethylene rope emerges back out from the water and flies onto the erecting piles. These piles surround you, fabricating a gateway into this immersive timeless piece, expressing the ocean’s phenomena.

 The piles gradually start descending, and floating beams progressively begin to emerge. These buoyant pillars express the energy of the ocean by bobbing perpendicular to the ripples created by the ambient currents. These floating vertical elements utilize the hydrokinetic energy provided by the ocean ripples to generate electricity for the urban grid. Each buoyant pillar can produce up to 300 kilowatts per day. With 223 buoyant configurations deployed onto the site, this design has the potential to generate electricity for 2,230 homes in Santa Monica. The electricity generated from these forms will not only be utilized for the urban grid, but they will also be using a small portion of the electricity they produced throughout the day for illuminating at dusk.

Continuing along the route, you notice the rope meshing with the steel structure, cohesively fabricating a transitional moment, welcoming you into the *Conspicuous Habitat.* Coming to a stop, hunching over the railing of the path, you notice a density of what you have just encountered: various overlapping linear, stainless steel elements forming a compact mesh, illustrating the underwater marine habitat within an artificial reef. This compact framework attracts the charismatic species because of its enclosing composition, providing a safe environment for the fauna. Within the gaps created by the artificial reef are more buoyant luminosities bobbing perpendicular to the currents of the ocean. Embracing the bio-rock structure erecting from the saltwater are countless shellfish and coral swarmed by lively marine species. You approach an adjacent fork in the path, forcing you to decide which route to take. Splashes of water and whimpering noises are coming from underneath the path. You advance towards the noise and perch your head over the barrier, finding exuberant sea otters chasing after each other, and large schools of anchovies accelerating through the bio-rock structure. The day is now coming to an end and the sun is setting. As it gets darker the bobbing posts begin to illuminate in a fluctuating manner, enabling you to witness the marine activity at night. After gazing at the dynamic structure for a period of time, you proceed back to shore, walking past others who are just being introduced to the *Conspicuous Habitat.*