

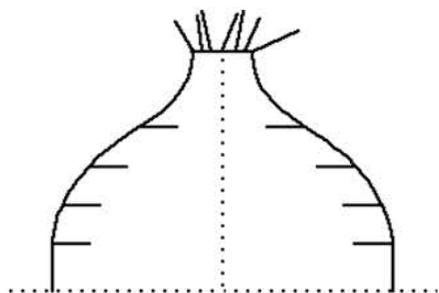
A composite image featuring a city skyline at night with the Space Needle, a massive glowing moon, and a large wave crashing over rocks with a rainbow.

# TIDAL ENERGY

Man's reactions to nature are often conditioned by his culture and hence, finally, by history – Mircea Eliade

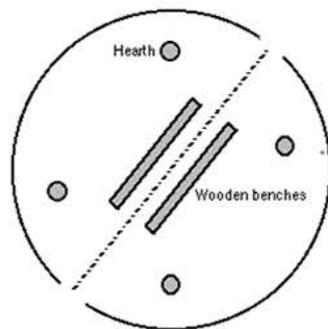


# KOGI CULTURE



The four shelves under the roof represent the four upper worlds - the 'sun worlds' or nyui-nulang.

It is imagined that the nuhue extends downwards also, where the four nether worlds - the 'night worlds' or s'ei-nu-lang - exist.



The four hearths represent the four clans.

Hammocks are slung from the stronger wooden side supports of the nuhue, which is the only building in a village with two entrances.







$$\int_0^t \Psi_k^*(\tau) d\tau \Big|_0^t - x \int_0^{b\epsilon^2} \Psi_k^*(\tau) d\tau = \frac{x^2}{2} B(x) + \int_0^x (x-u) \sum_{k=1}^r \Psi_k^*(u) du \quad A(x) = \sum_{k=1}^r b_k \Psi_k^*(b_k x)$$

$$\eta_1 = \sum_{k=1}^n a_k \xi_k \quad \log \varphi(u) = -\frac{\sigma^2 u^2}{2} \quad i^2 = -1; j^2 = -1; k^2 = -1 \quad \lim_{n \rightarrow \infty} \frac{(2n)}{(n+c)} = e^{-2}$$

$$dt \quad S(\alpha, t) = \frac{2}{\pi} \int_0^{\pi} \frac{\sin \alpha t}{t} dt \quad P(\eta_{\infty} < x) = F(x) \quad \lim_{n \rightarrow \infty} \frac{(2n)}{(n)} = e^{-2}$$

$$g = e \quad \int_0^{\infty} \sqrt{\frac{2u}{\pi}} \left( \frac{\eta_{2n}}{\sqrt{2n}} + \frac{\eta_{2n} - \eta_{2n}}{\sqrt{2n}} \right) \quad f(t|y) = \frac{2e^{-\frac{t^2}{2}}}{\sqrt{2\pi}} \left( \frac{e^{-\frac{y^2}{2}}}{(1 - \frac{y^2}{u^2})^{\frac{3}{2}}} \right) \quad \frac{N}{\sum_{i=1}^N \frac{1}{u_i}}$$

$$\bigcup_{i=1}^{n-1} M_i; \bigcap_{n=0}^{\infty} X_n \quad H_r(x) = \frac{G_r(x)}{1 + G_r(x)} \quad U_n^+ = (2n) - (2n)$$

$$\lim_{t \rightarrow 0} (set) = 0 \quad \lim_{n \rightarrow \infty} \frac{\int_0^t \varphi(u) du}{t} = P_e \quad R = \int_{-\infty}^{\infty} \varphi(t) dt \quad \frac{\sinh u}{t} [\varphi(t) e^{-itx} + \varphi(-t)]$$

$$Civ = \sum_{i,j} a_{ij} b_{ij} \quad \Psi^*(b_k u) \quad \text{Desire associated with possession is a most destructive feeling - Martian Heidegger} \quad PCT_2 = \sum_{j=1}^r P_j^-$$

$$g^{-1} N g = \{g^{-1} n g | n \in N\} \quad Q = F^{-1}(q) \quad \sum_{j=1}^r P_j^-$$

$$\frac{x}{\sqrt{u}} = \frac{1}{\sqrt{2\pi}} e^{-\frac{x^2}{2}} \quad P_n(b_k) = P_{j_0}^{(n)} \quad P(\limsup_{n \rightarrow \infty} \frac{|h_n|}{\sqrt{2n \log \log n}} \leq 1) = 1 \quad (q+) = 1 - \sqrt{1 - e^{-2}}$$

$$\left( \frac{\sum_{k=1}^r P_k^* \log_2 \frac{1}{P_k}}{\sum_{k=1}^r P_k^*} \right)^2 \quad f(g(u_i)) = f\left( \sum_{j=1}^{\dim V_2} a_{ji} v_j \right) = \sum_{j=1}^{\dim V_2} a_{ji} \left( \sum_{k=1}^{\dim V_1} b_{kj} w_k \right) \quad \frac{(2\ell_2)}{2^{\ell_2}} \approx \frac{1}{\sqrt{\ell_2}}$$

$$P_{j_0}^{(m)} = \sum_{r=0}^{\infty} P_j^* e^{(r)} P_{k_2}^{(m-r)} \quad \frac{1}{2\pi} \int_{-\infty}^{\infty} \text{Re} \left\{ \varphi(t) \frac{e^{-ita} - e^{-itb}}{it} \right\} dt \quad P(\omega_1 | \mathcal{E}) \leq \frac{C_q}{\log}$$

$$\left( \frac{t}{\sqrt{N_0}} \right)^{N_0 \alpha_2} = e^{-\frac{t^2}{2}} \quad \lim_{N \rightarrow \infty} \int_{-A}^{+A} f_N(x) \log_2 \frac{1}{f_N(x)} dx = \int_{-A}^{+A} f(x) \log_2 \frac{1}{f(x)} dx \quad P(\omega_1 | \mathcal{E}) \leq \frac{C_q}{\log}$$

$$N \epsilon_n - \epsilon_n = (2n) - (2n) = (2n)$$

$$\det(M) + \det(M^*) = \det(M) \quad h(x,y) = \frac{1}{2\pi} \left[ \sqrt{2} e^{-\frac{x^2}{2}} - e^{-x^2} \right] \quad |M(\epsilon_n, \epsilon_m)| \leq C_2 \sqrt{\frac{u}{m-u}}$$



Edward Burtynsky







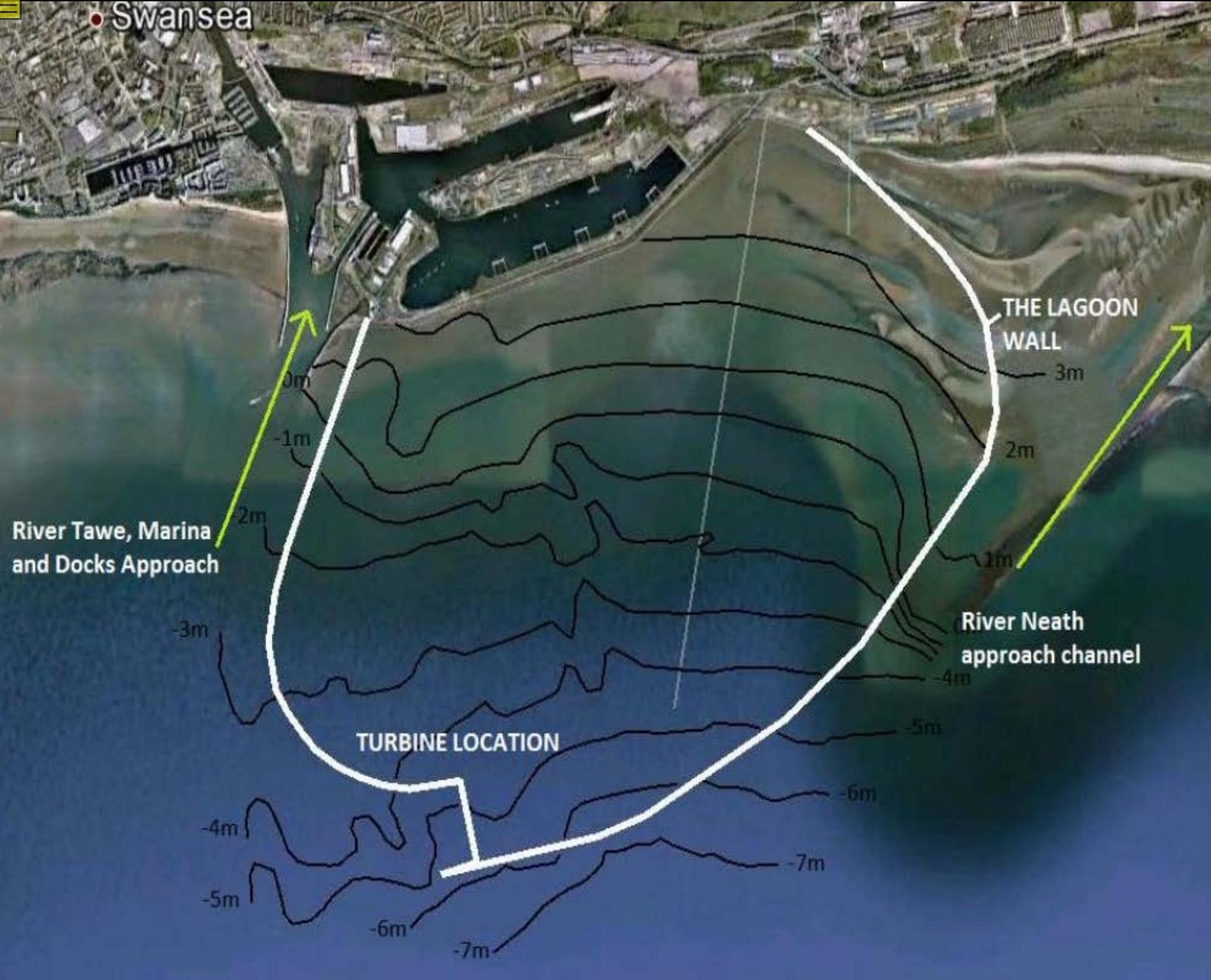
Swansea

River Tawe, Marina and Docks Approach

THE LAGOON WALL

River Neath approach channel

TURBINE LOCATION





# Elliott Bay Seattle WA

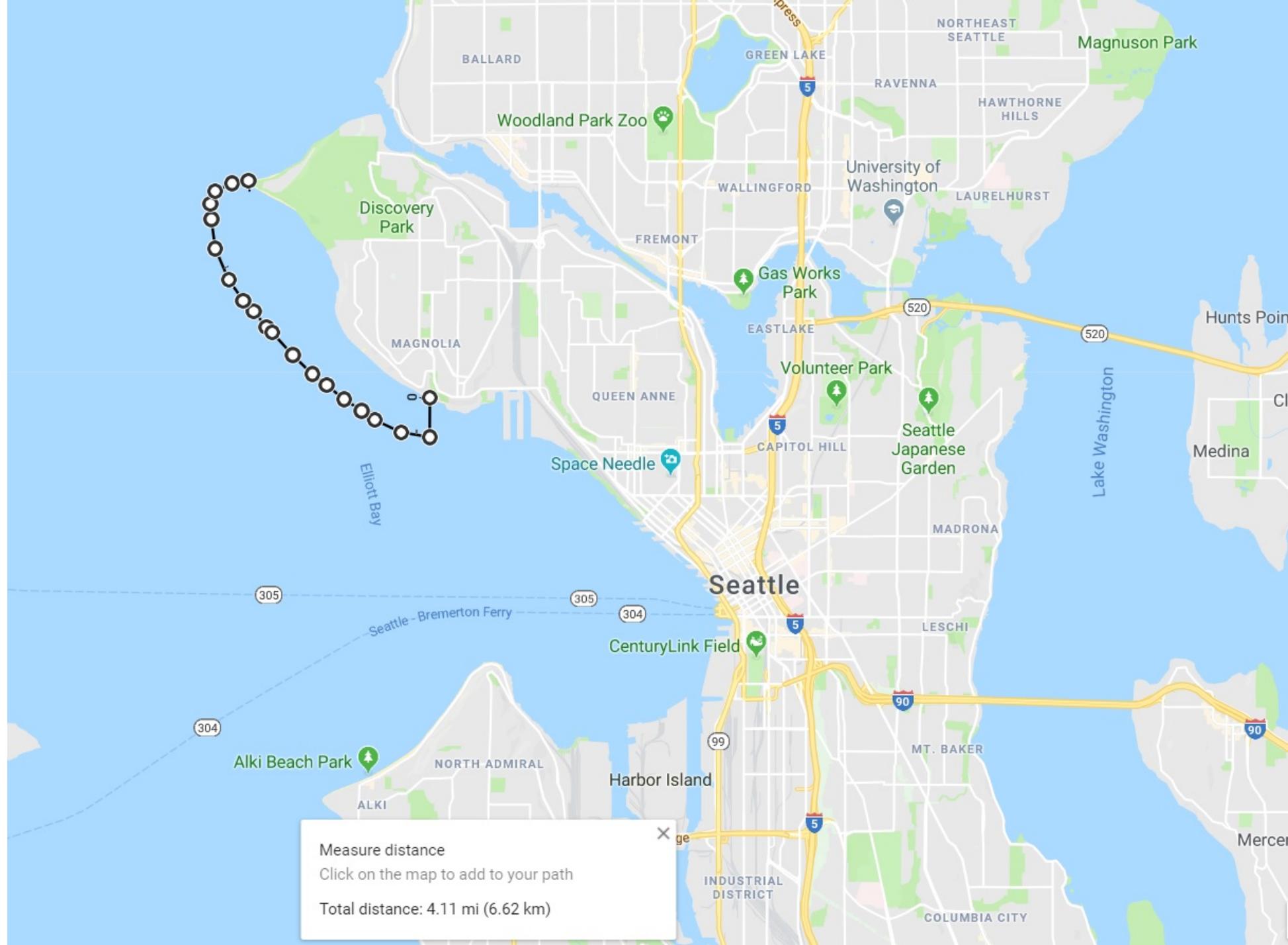


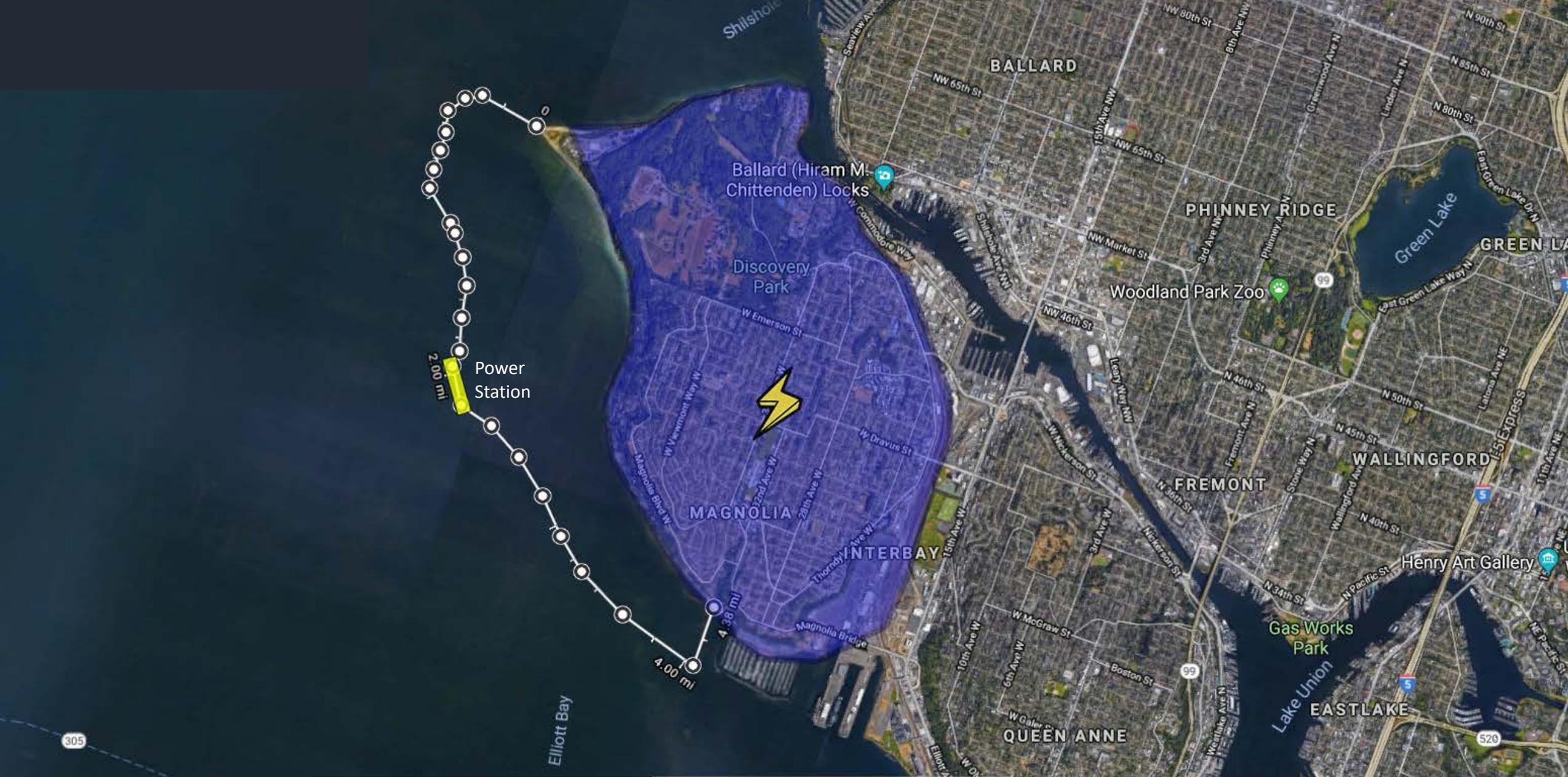
# Seattle Lagoon

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4 Mile Causeway

Linking Discovery  
Park to 32<sup>nd</sup> Ave  
West Boat Launch



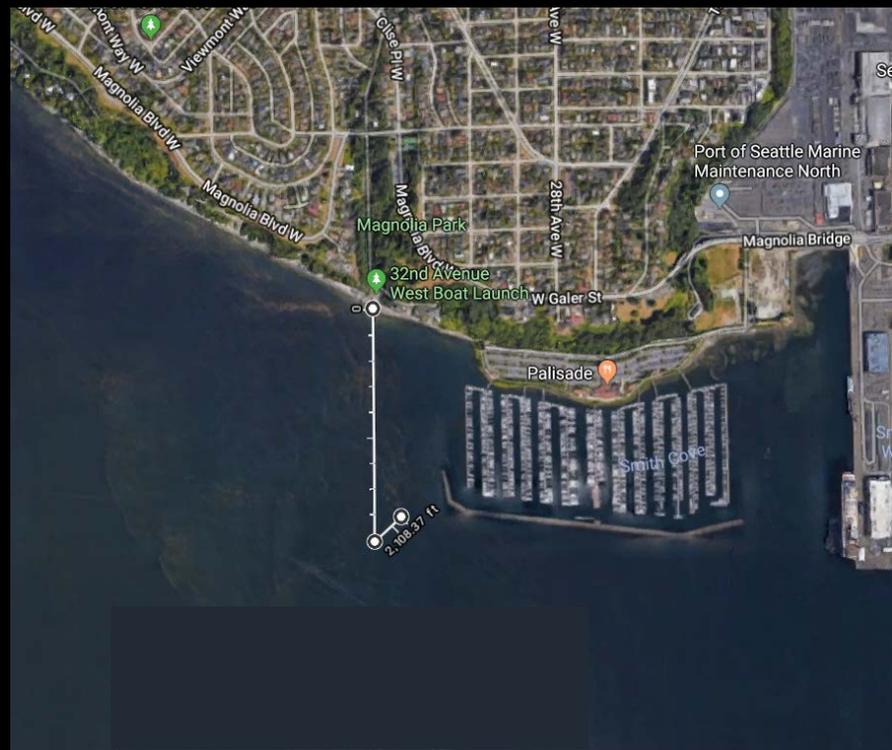
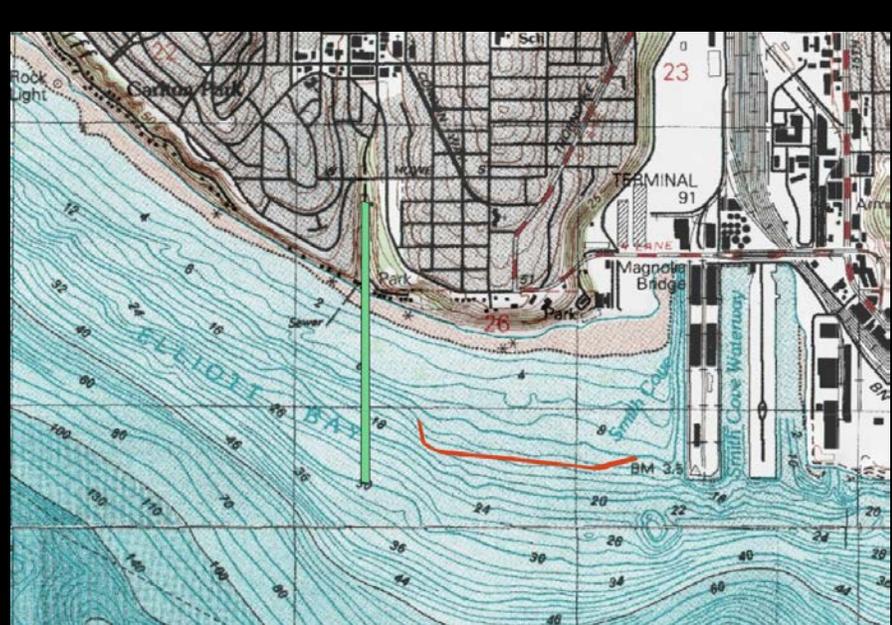
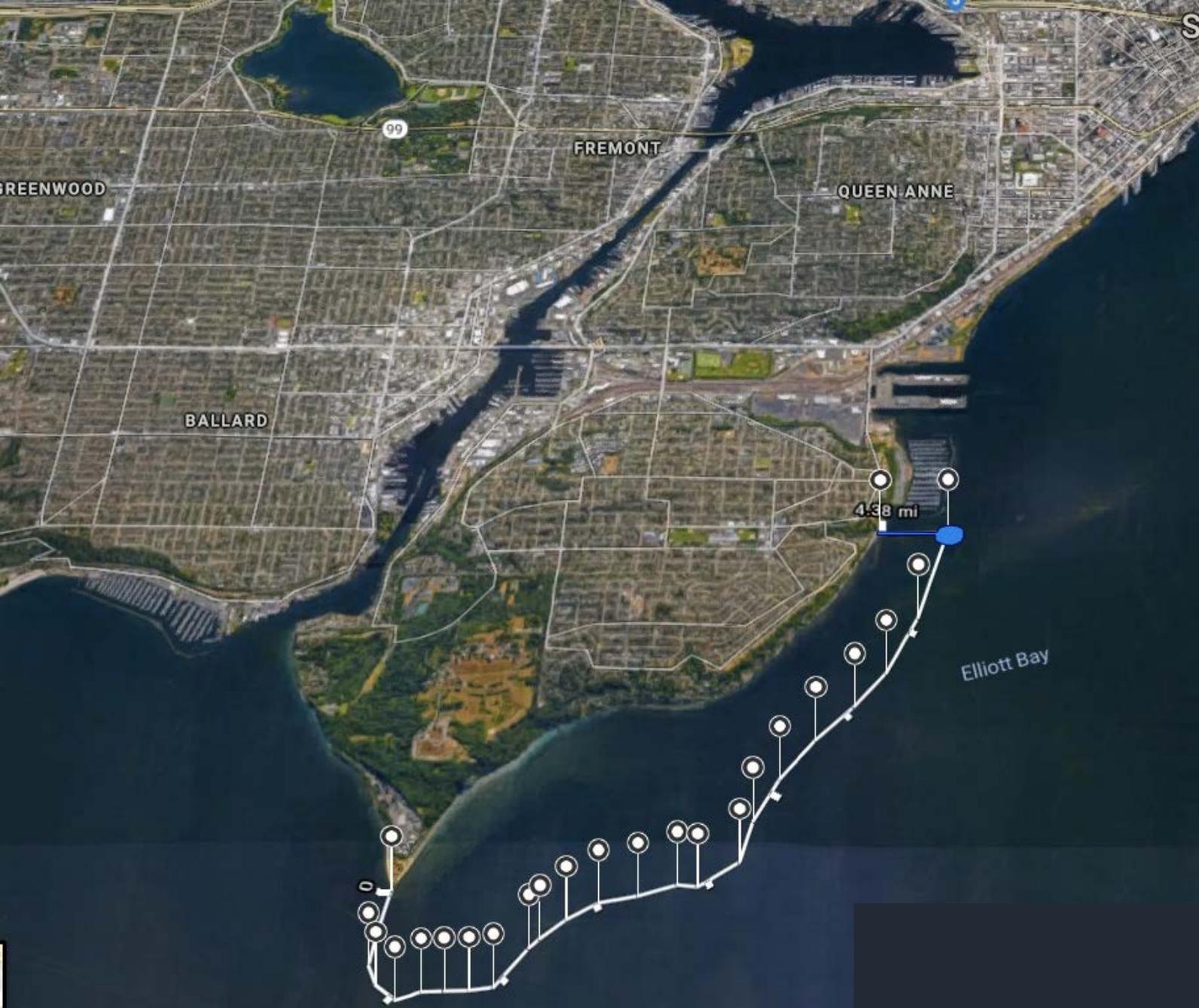


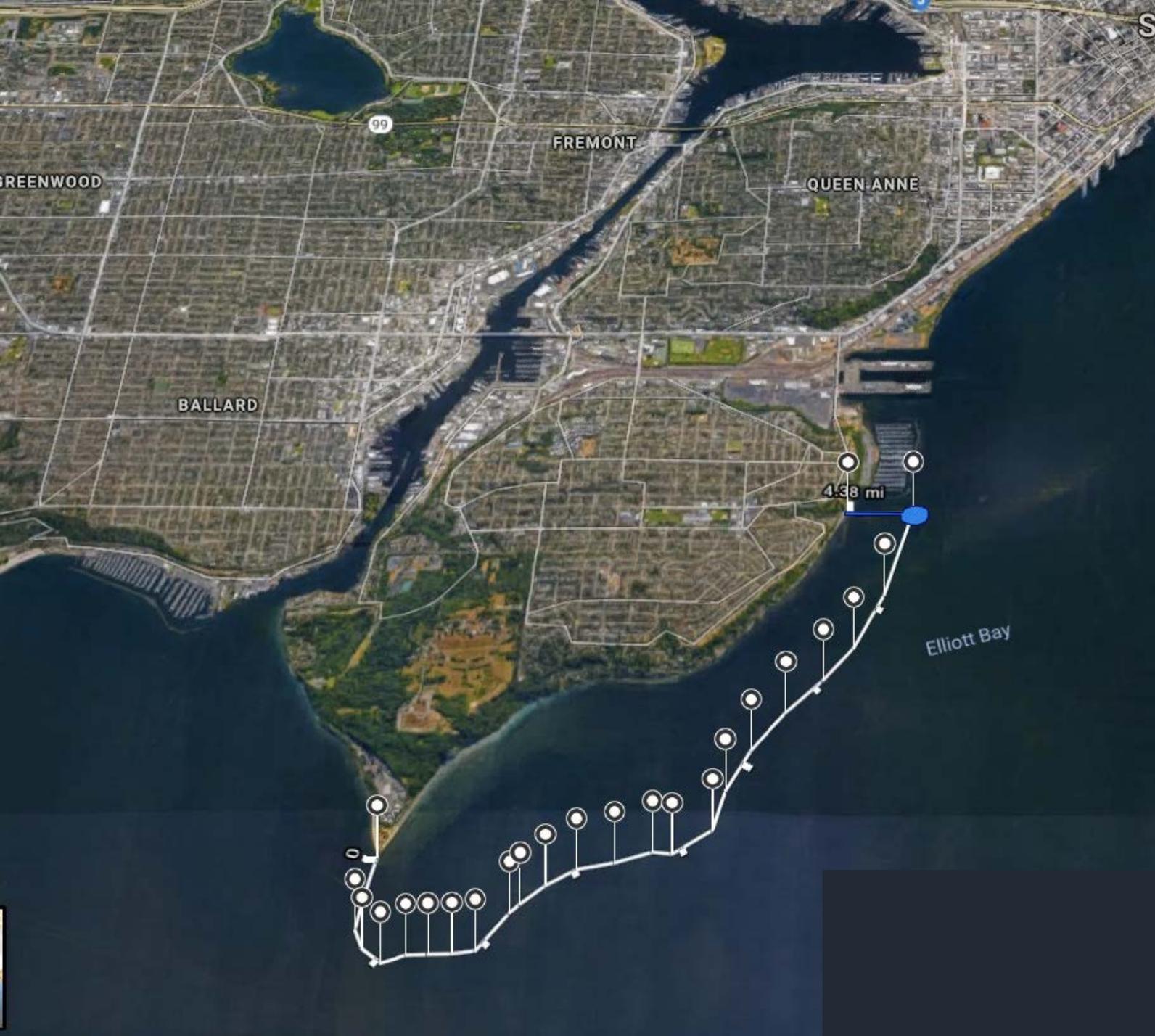
Power Generation

Measure distance  
 Click on the map to add to your path  
 Total distance: 4.38 mi (7.05 km)

Energy formula

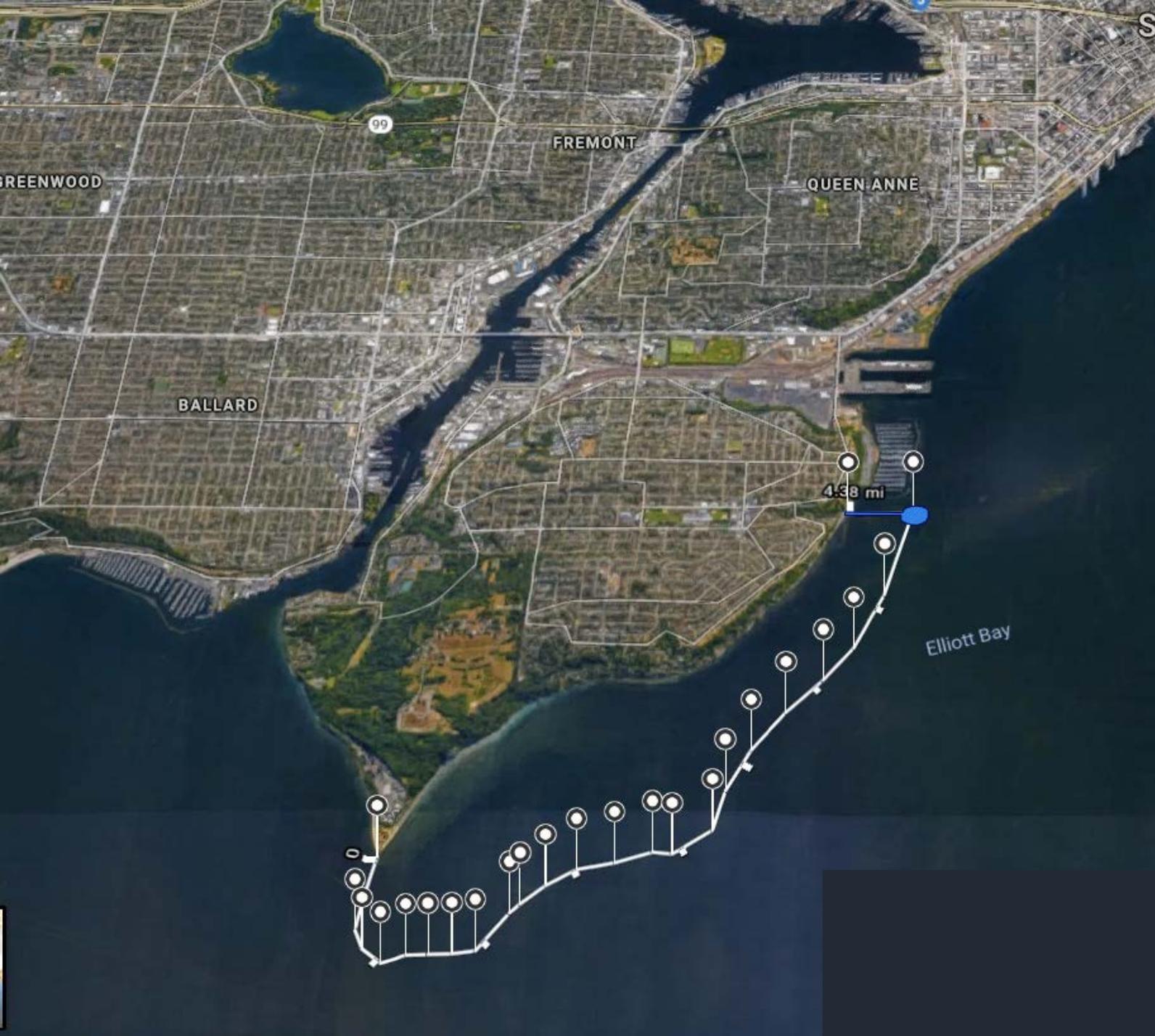
$$E = \frac{1}{2} A \rho g h^2$$





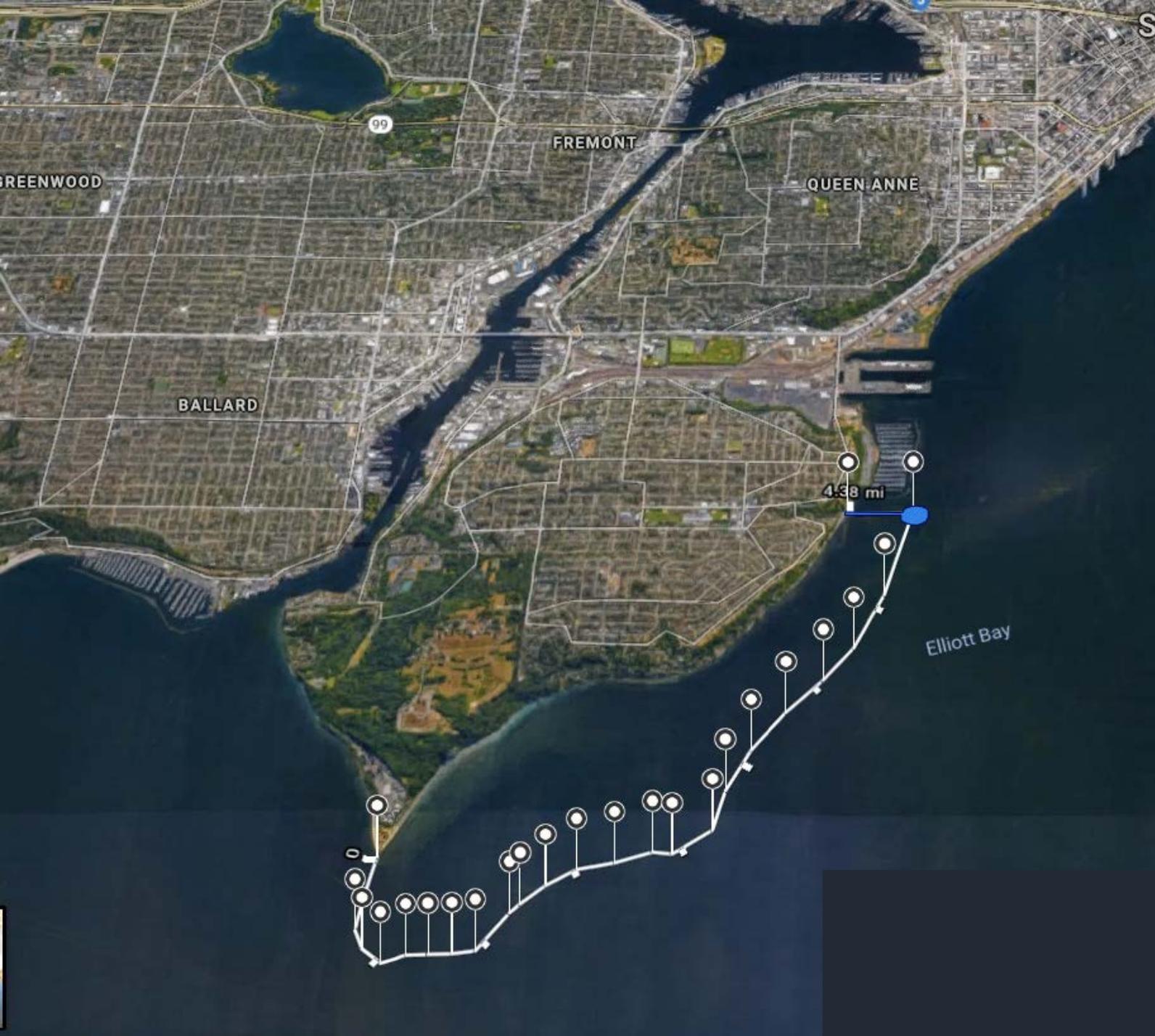
# PARK





## GALLERY





# EVENT CENTER





DESIGN WITH NATURE?





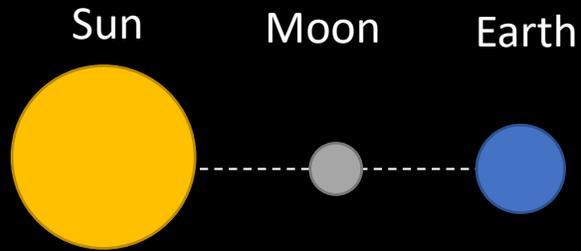




New



Full

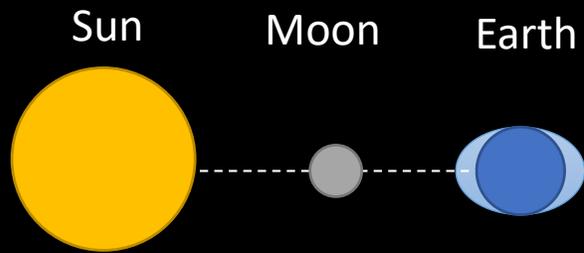


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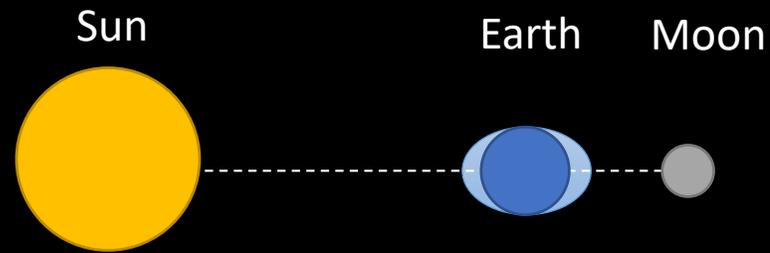


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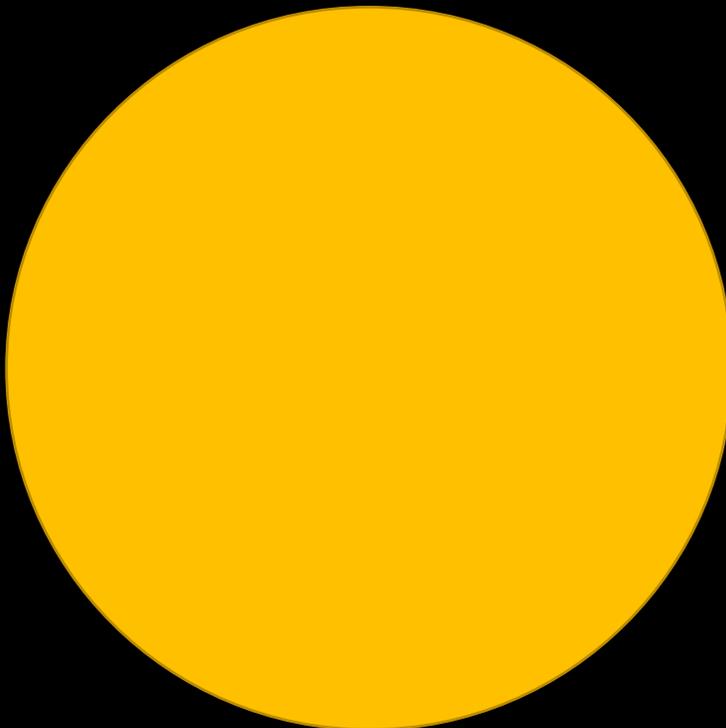
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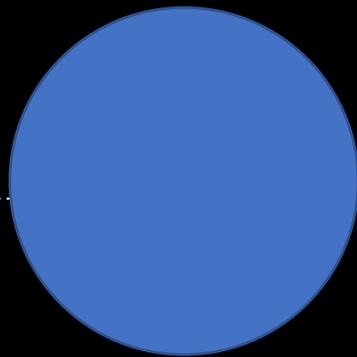
Full



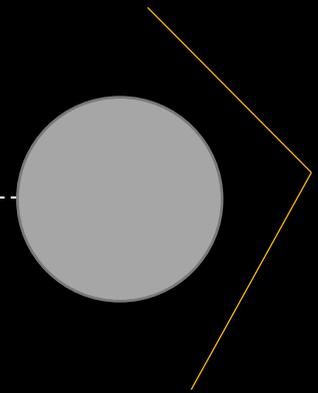
Sun



Earth



Moon

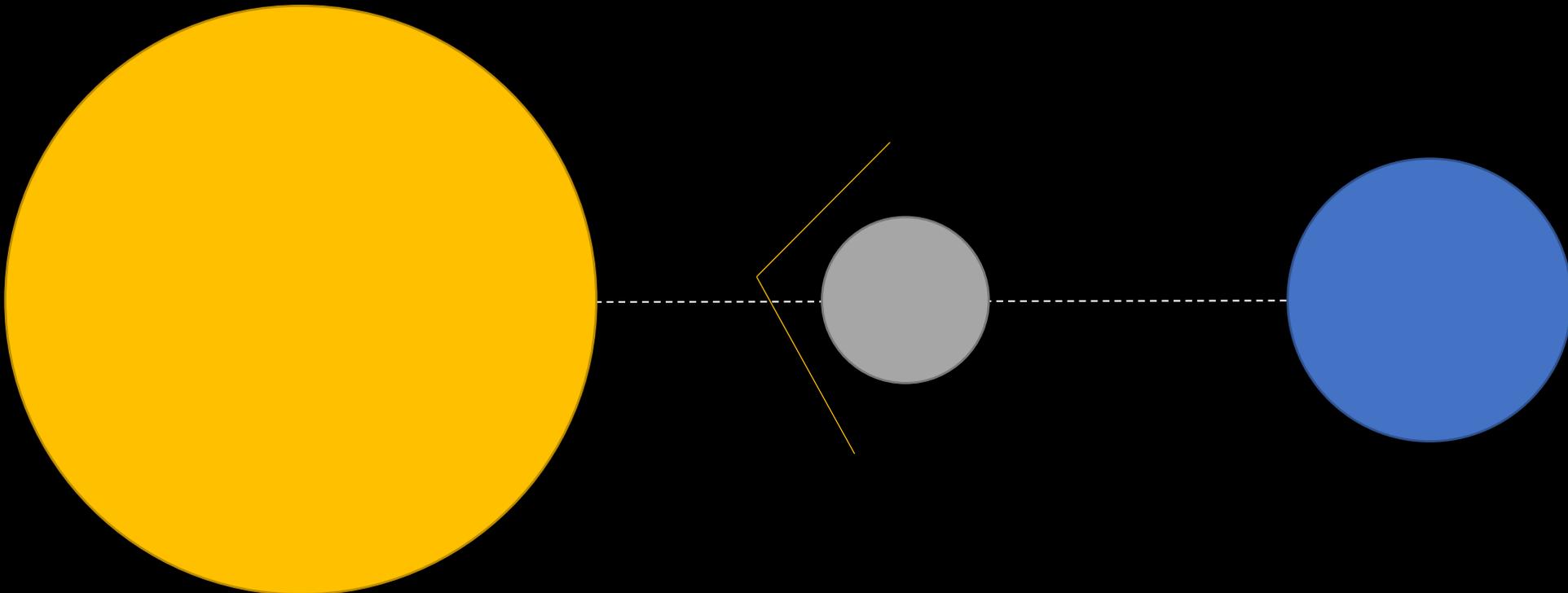


Full Moon

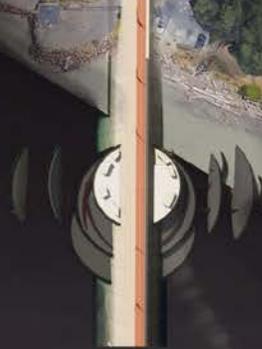
Sun

Moon

Earth



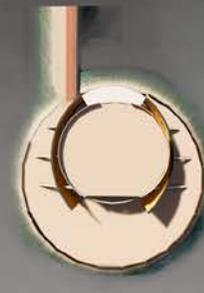
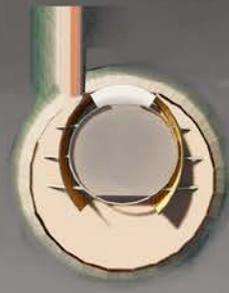
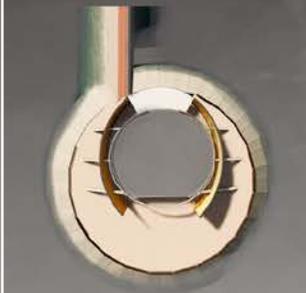
New Moon



PARK



GALLERY

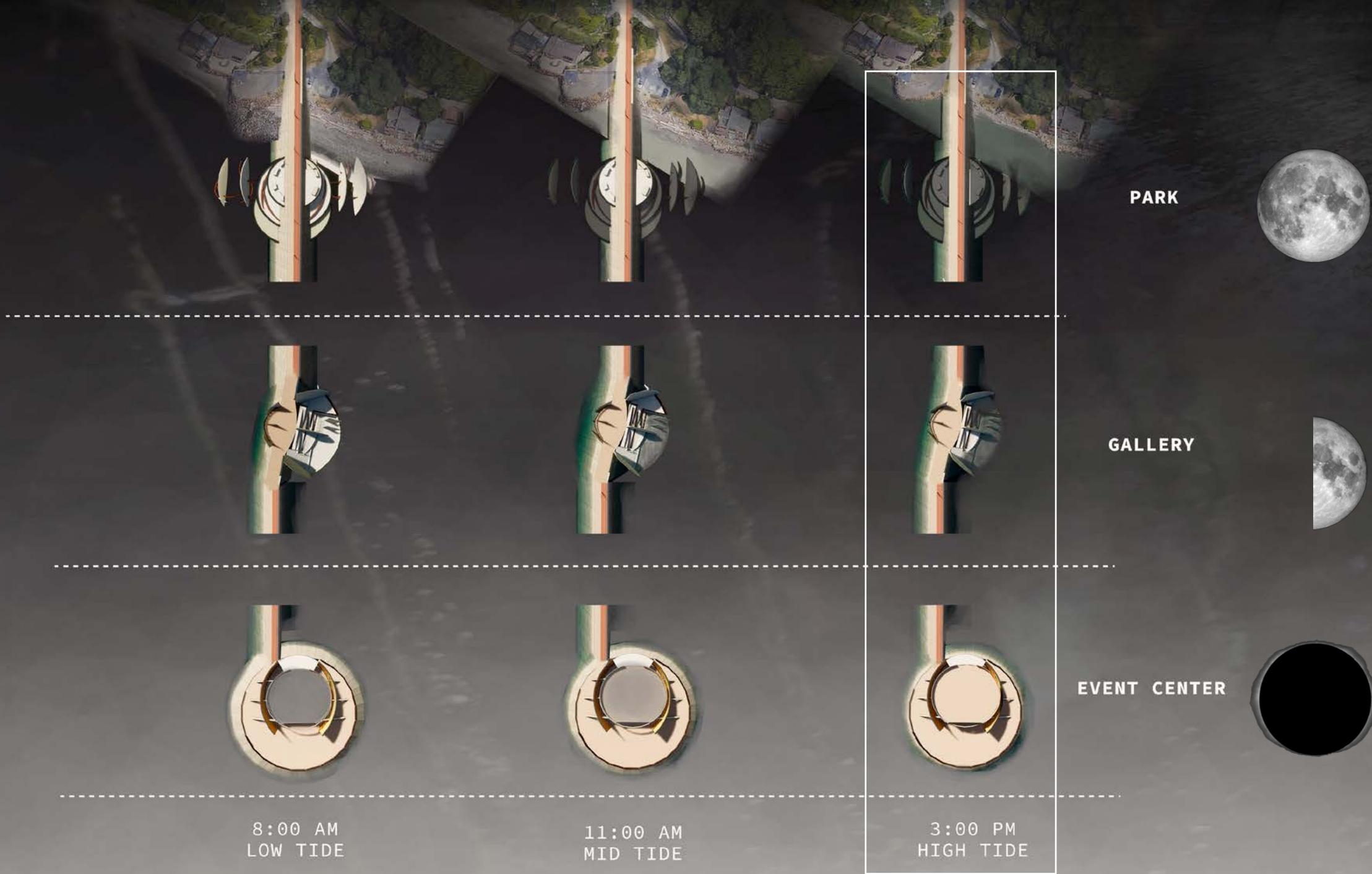


EVENT CENTER

8:00 AM  
LOW TIDE

11:00 AM  
MID TIDE

3:00 PM  
HIGH TIDE



8:00 AM  
LOW TIDE

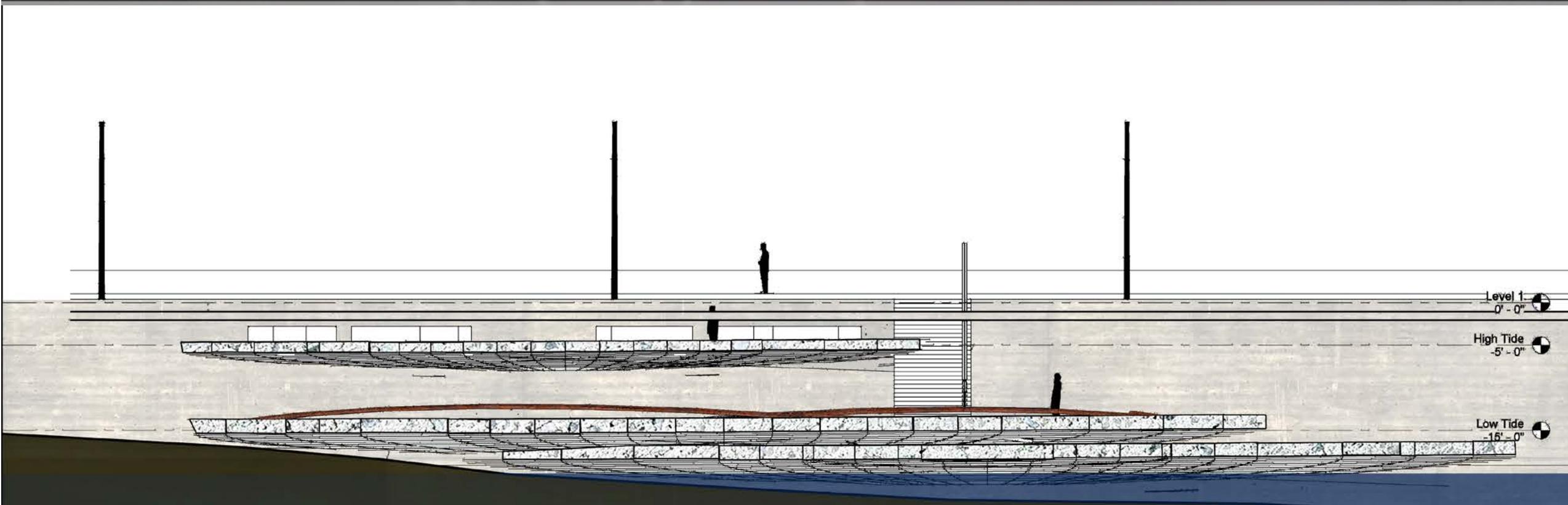
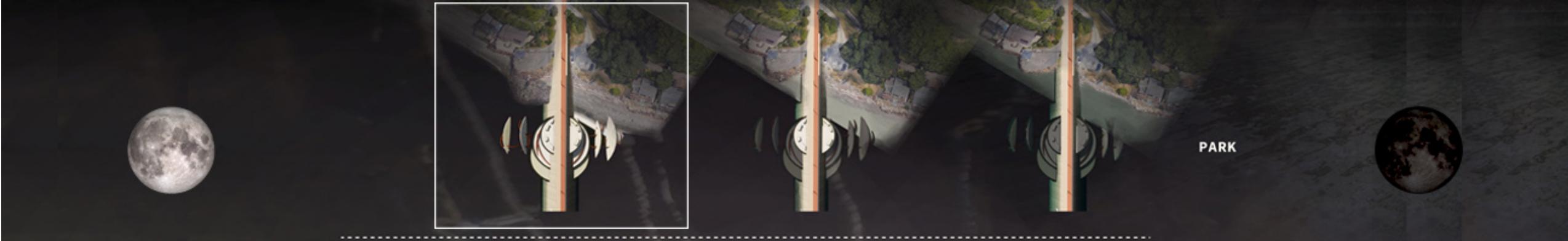
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HIGH TIDE

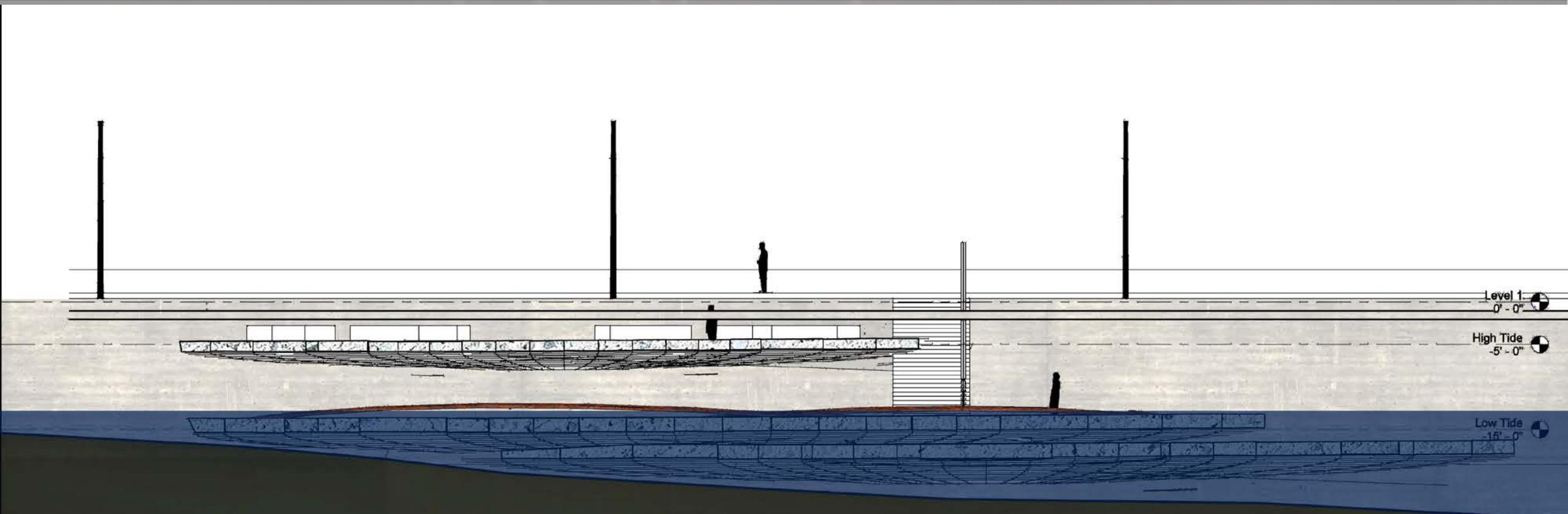
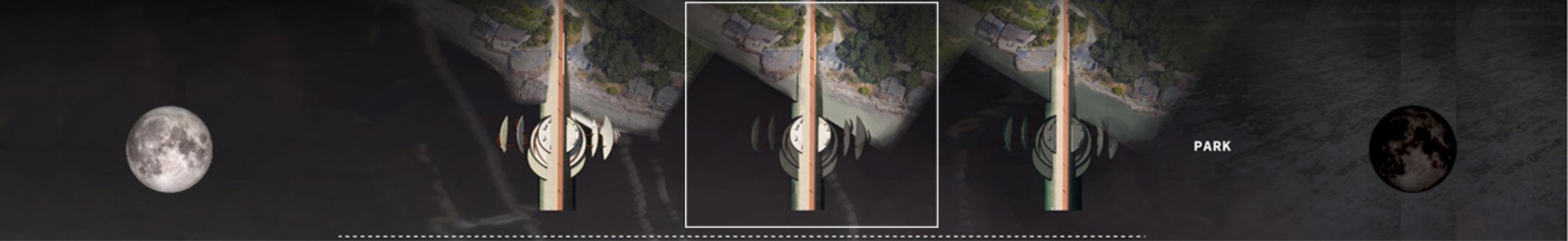
PARK

GALLERY

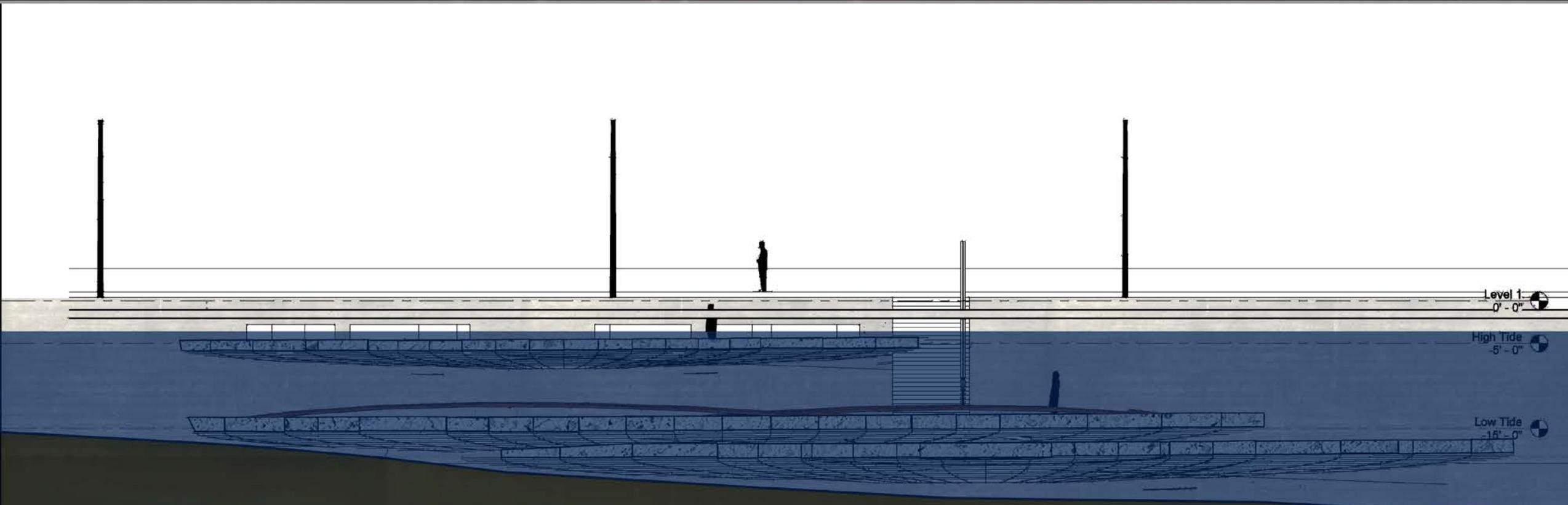
EVENT CENTER



PARK - East Section



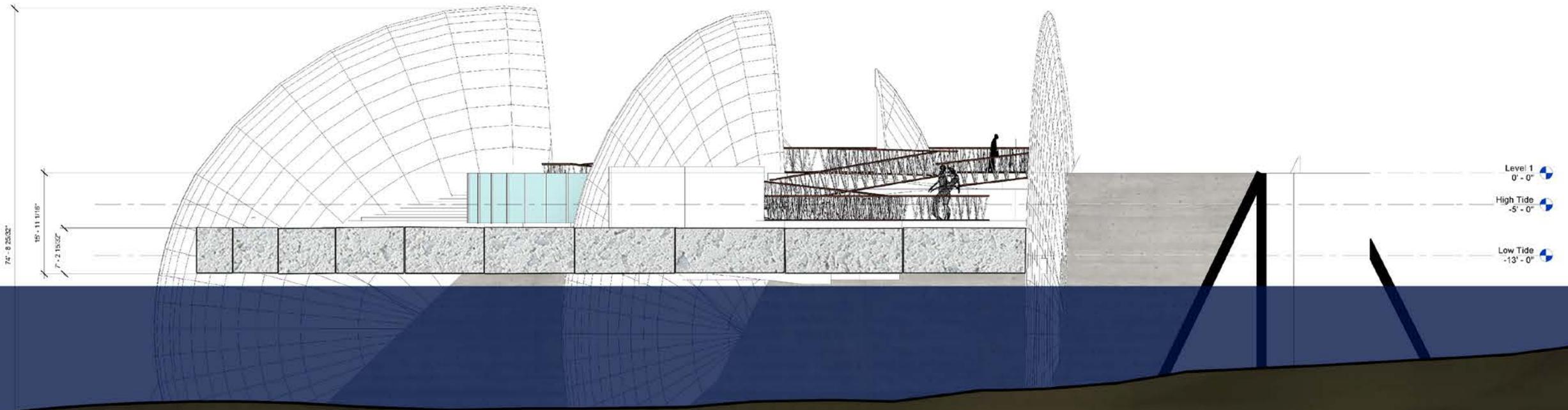
PARK - East Section



PARK - East Section



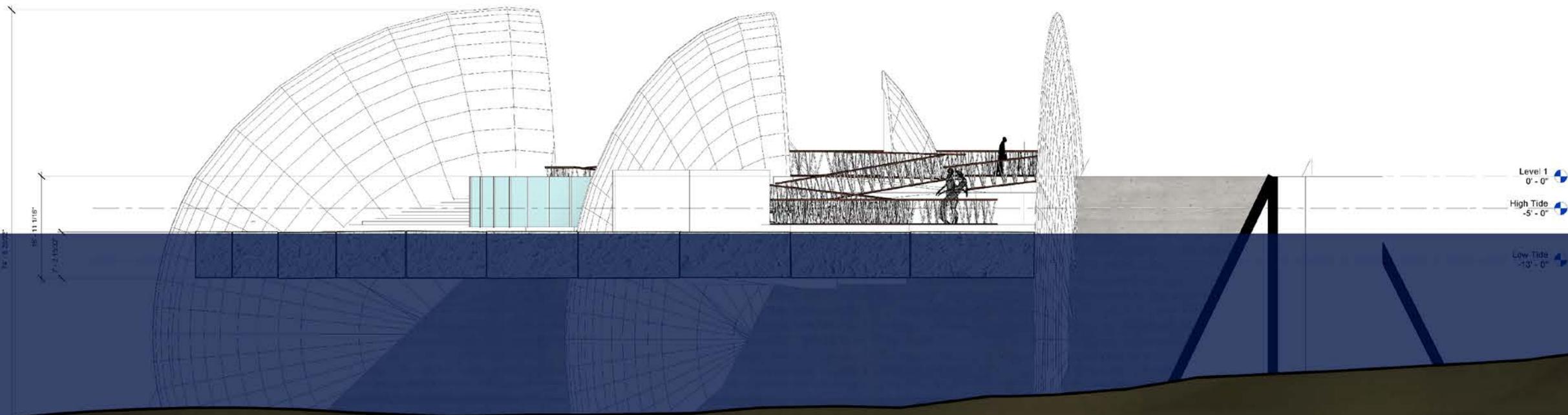
GALLERY



GALLERY - East Section



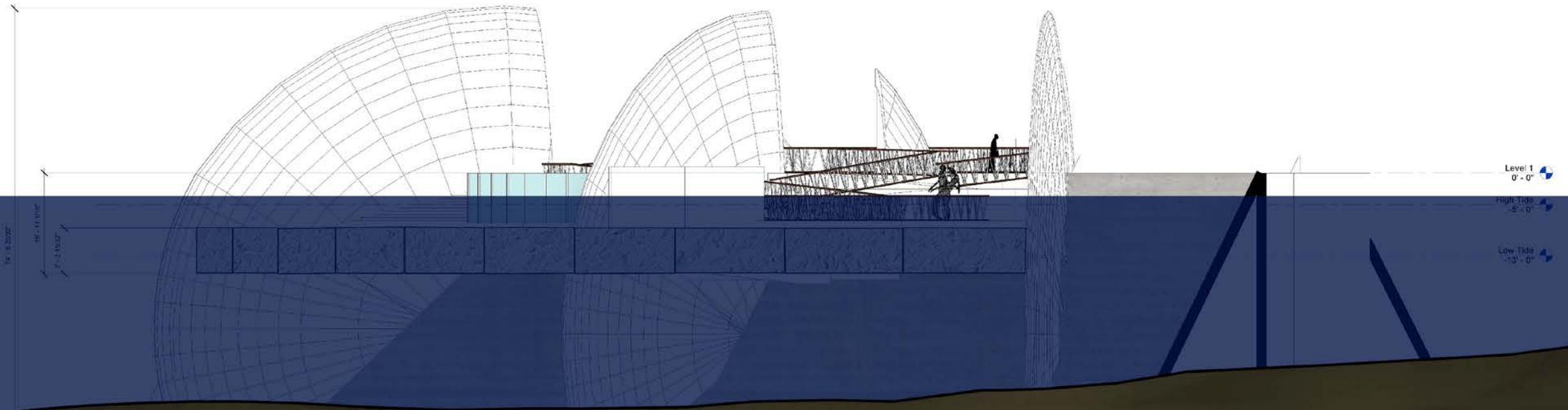
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GALLERY - East Section



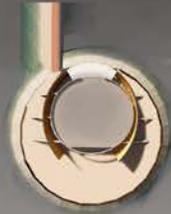
GALLERY



GALLERY - East Section



8:00 AM  
LOW TIDE

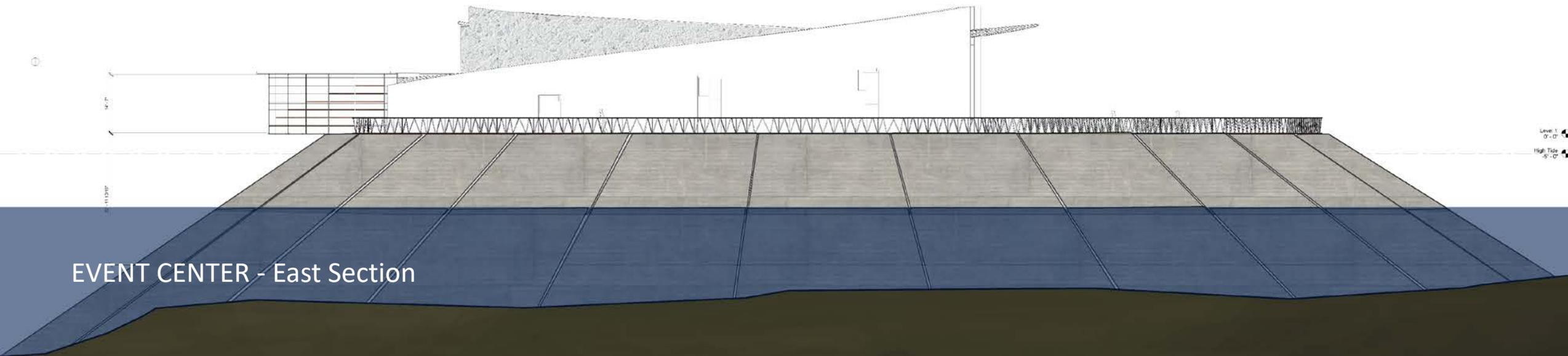


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MID TIDE

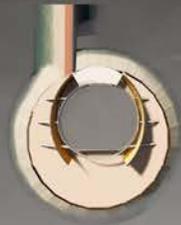


3:00 PM  
HIGH TIDE

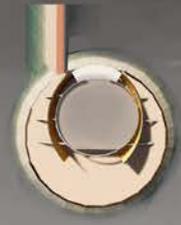
EVENT CENTER



EVENT CENTER - East Section



8:00 AM  
LOW TIDE

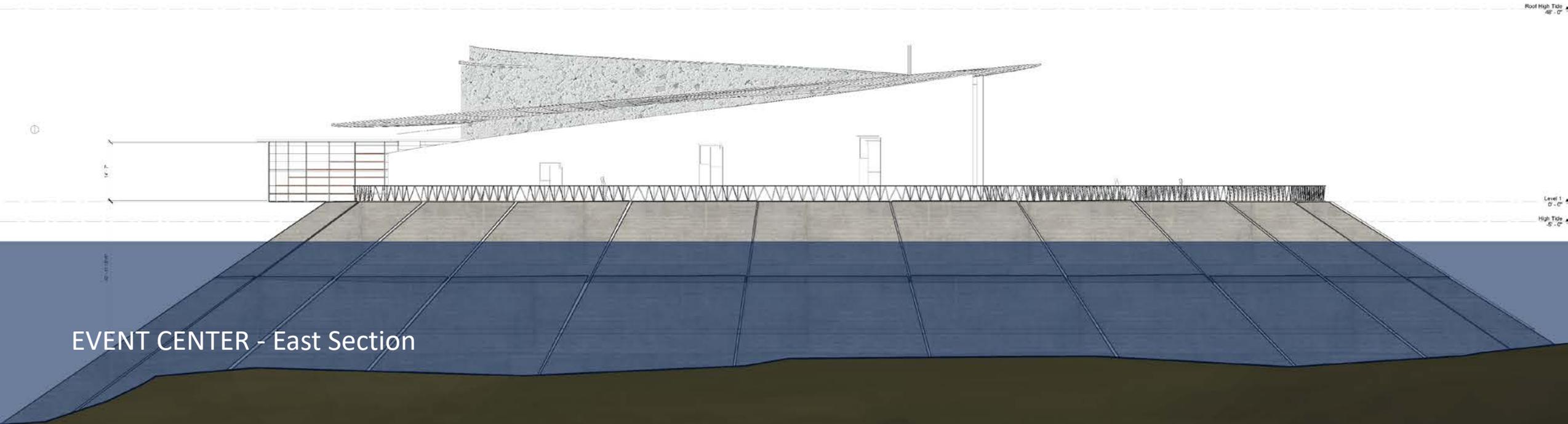


11:00 AM  
MID TIDE



3:00 PM  
HIGH TIDE

EVENT CENTER

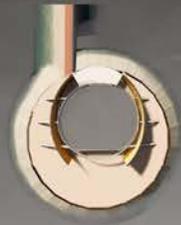


EVENT CENTER - East Section

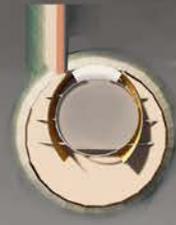
Roof High Tide  
48'-0"

Level 1  
0'-0"

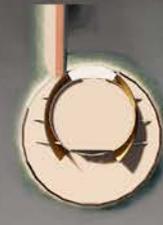
High Tide  
45'-0"



8:00 AM  
LOW TIDE

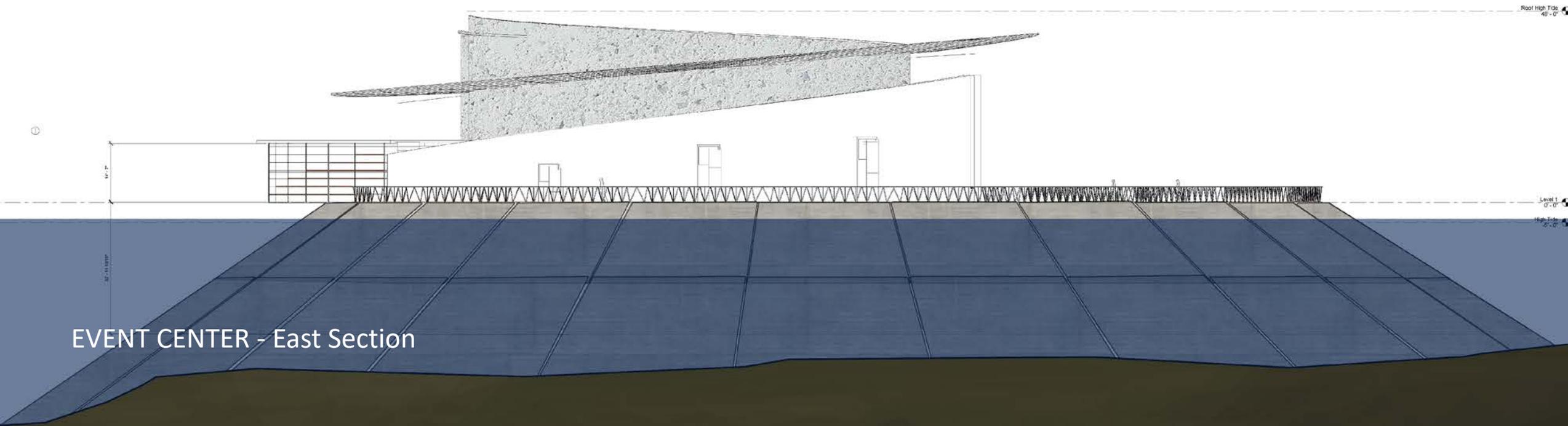


11:00 AM  
MID TIDE



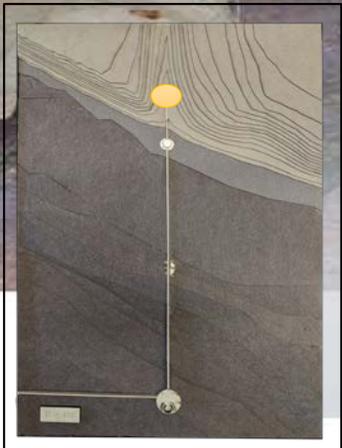
3:00 PM  
HIGH TIDE

EVENT CENTER

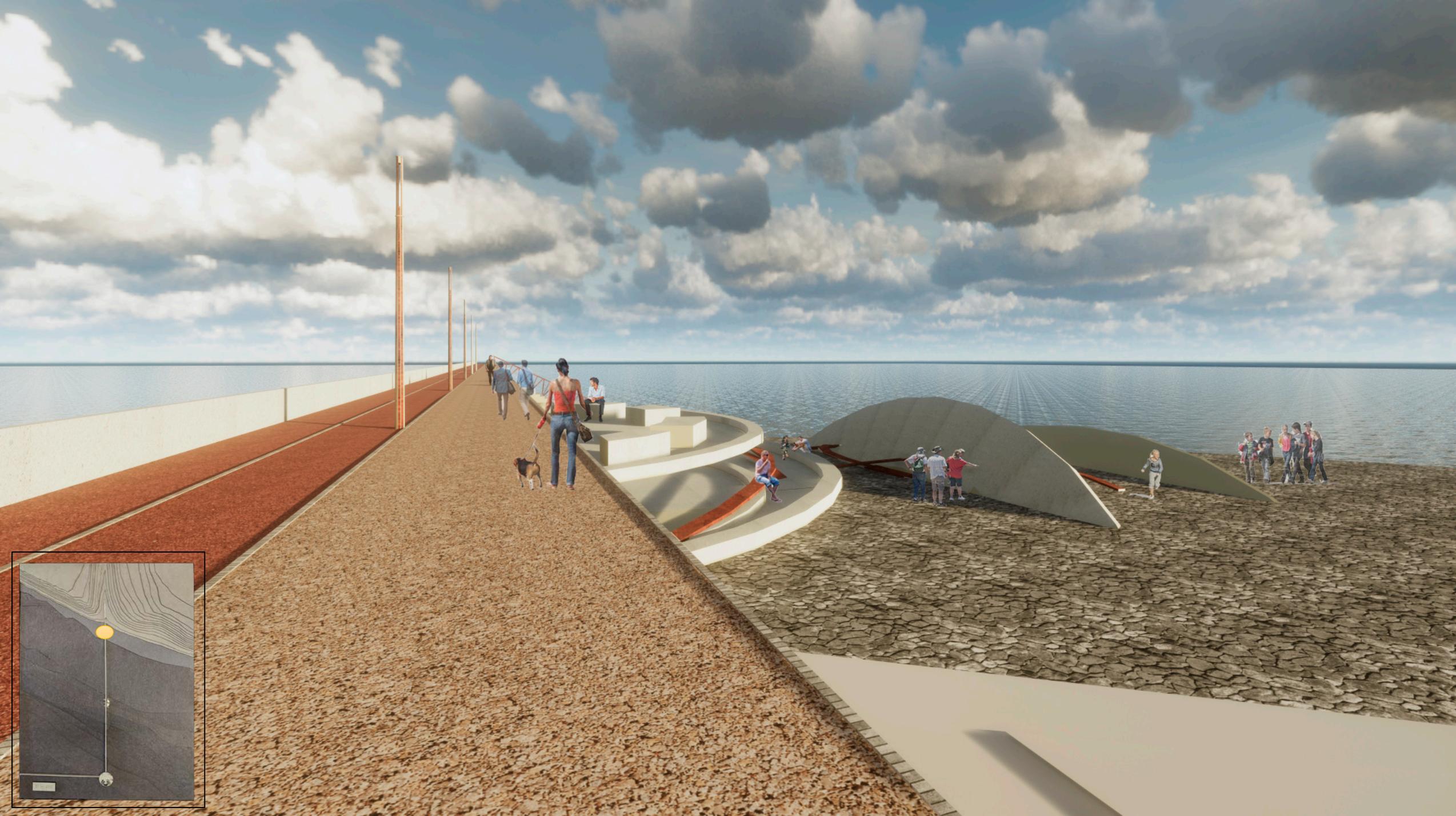


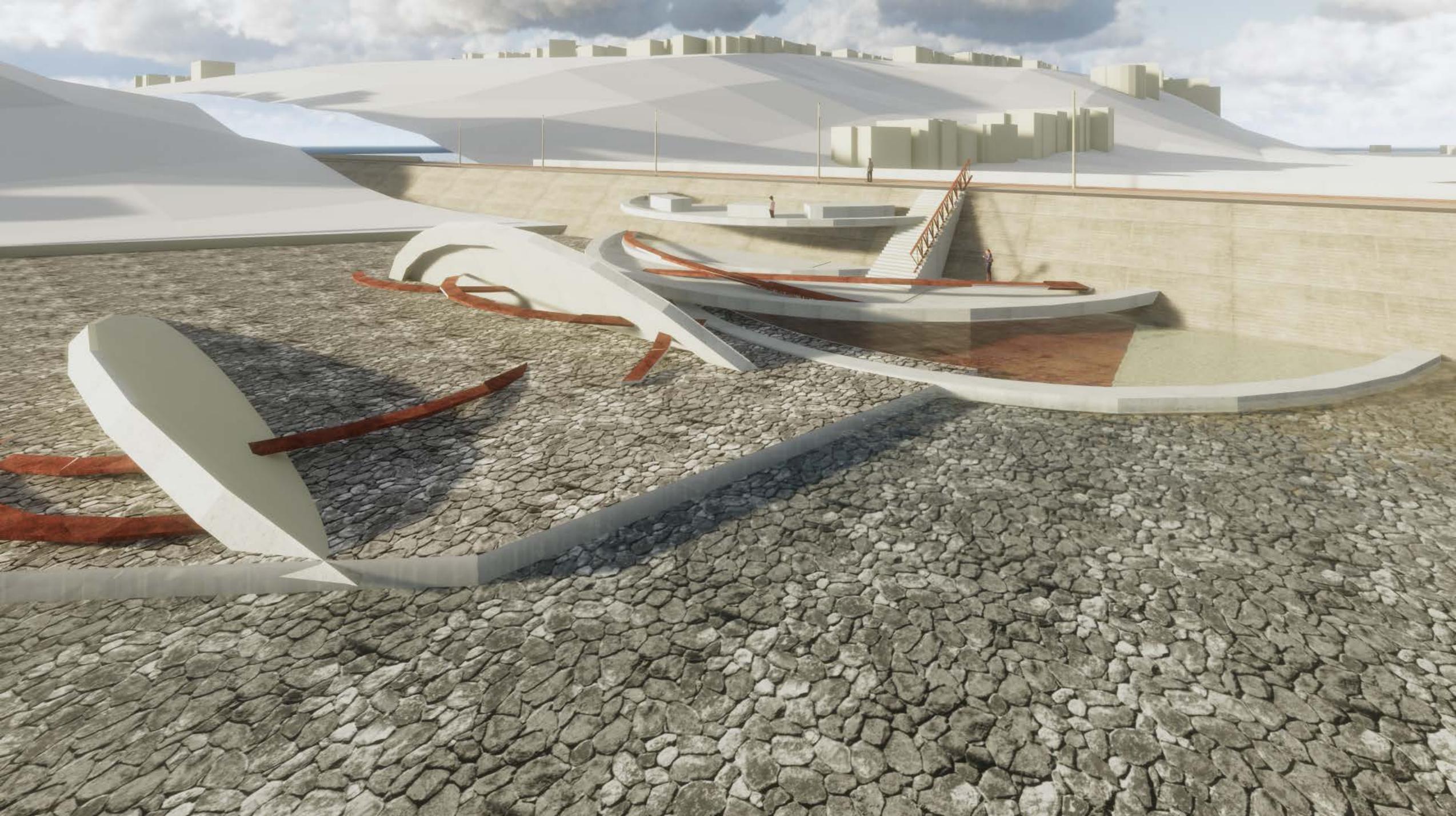
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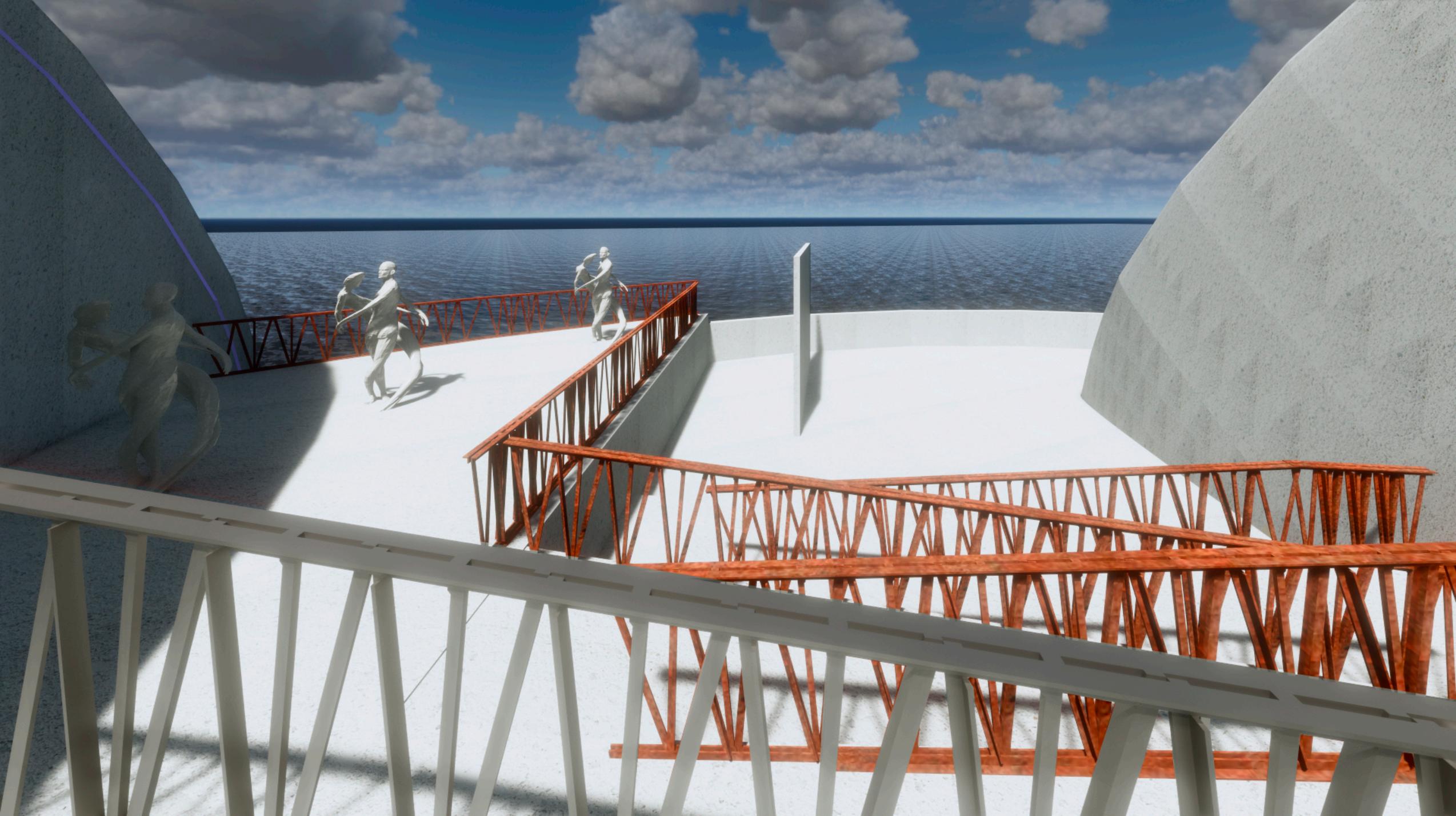


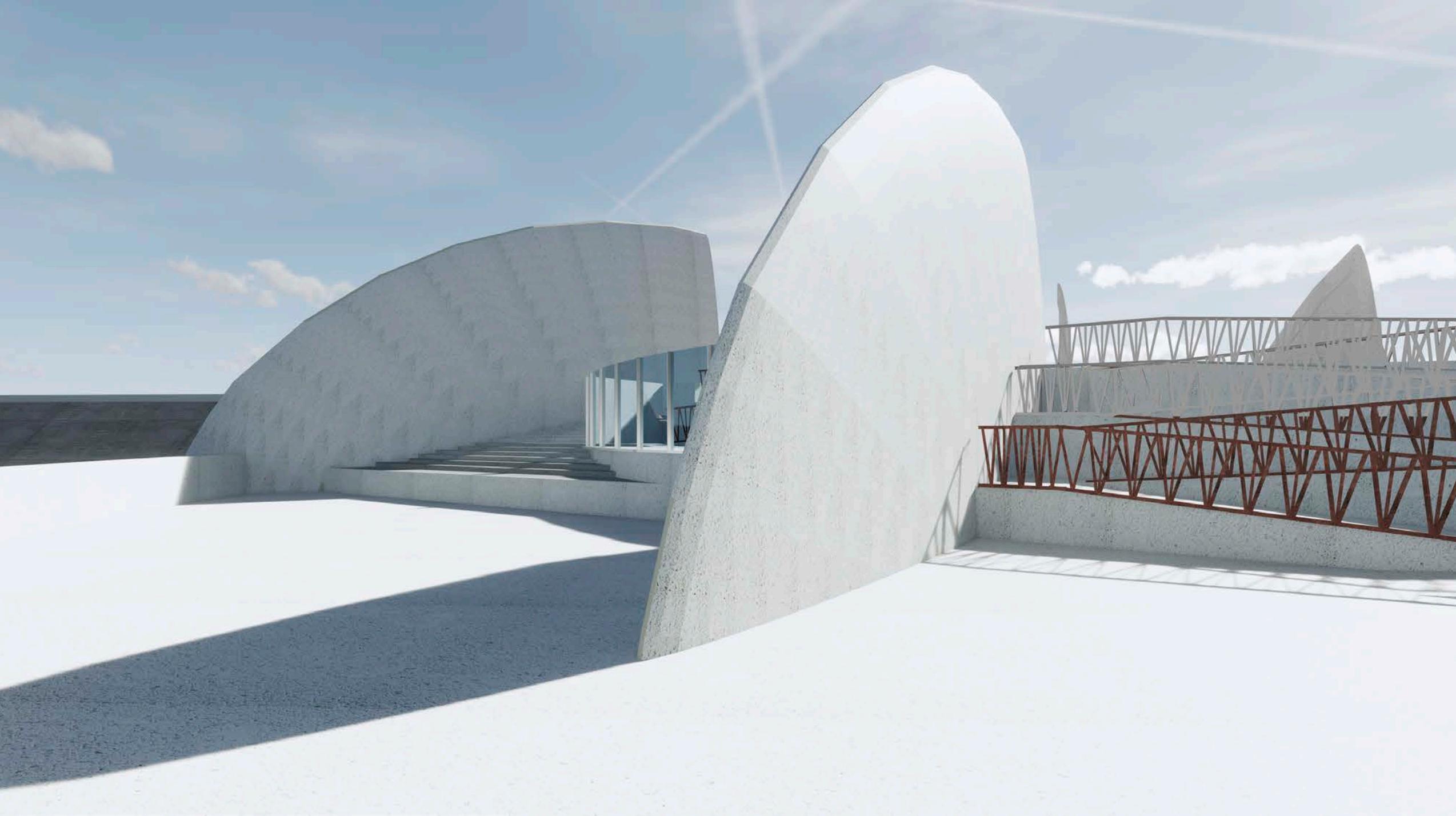




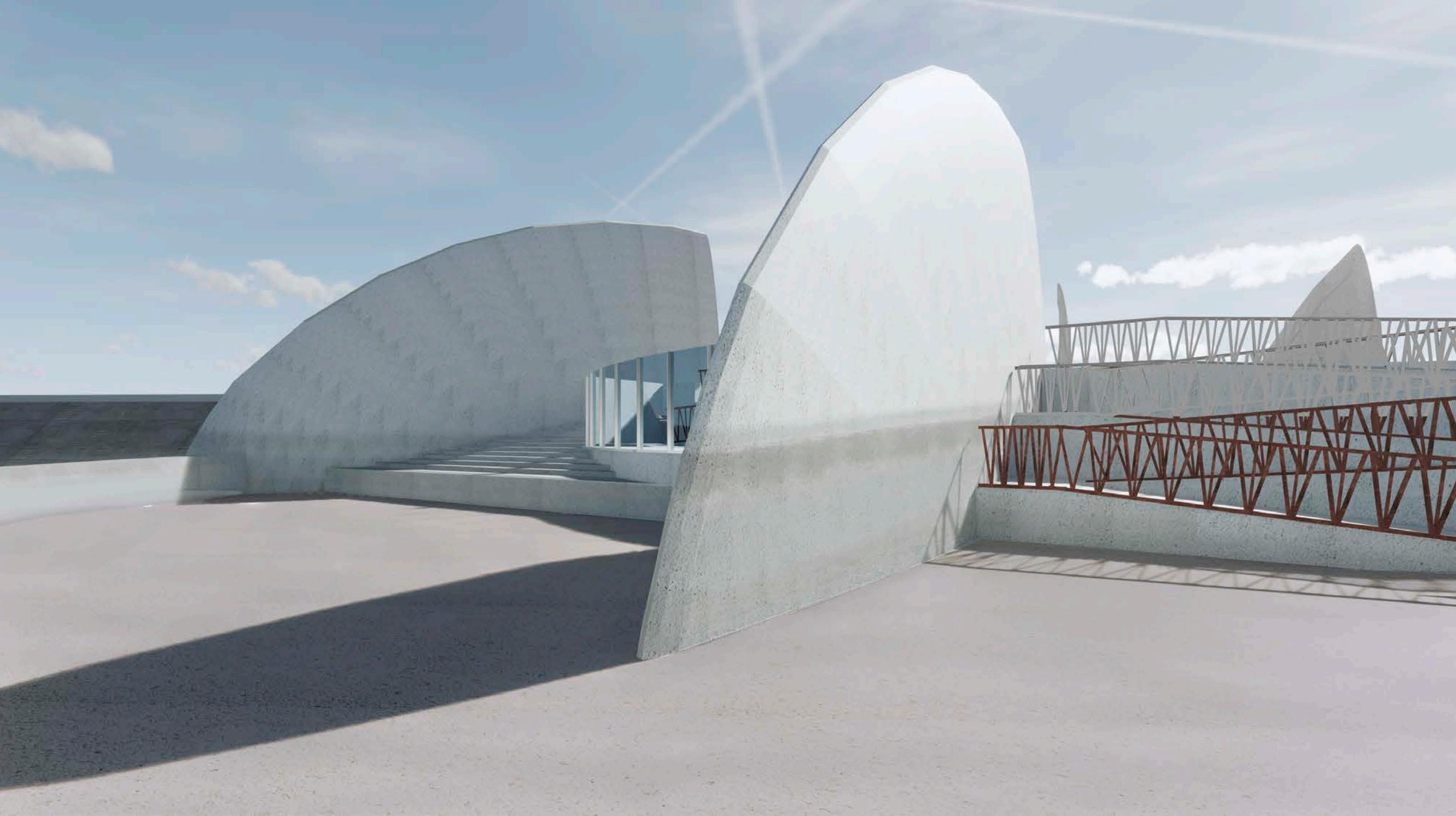


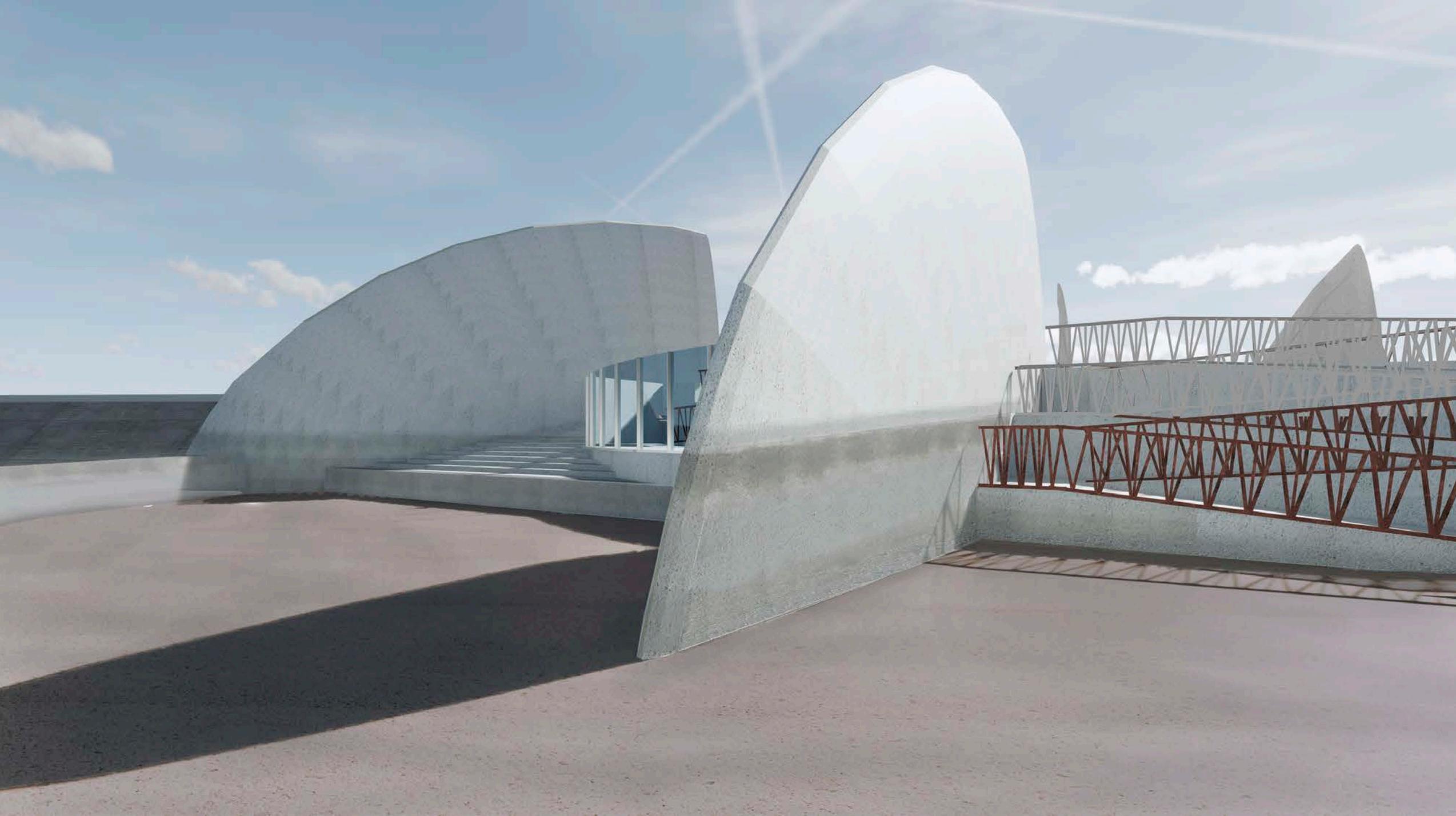


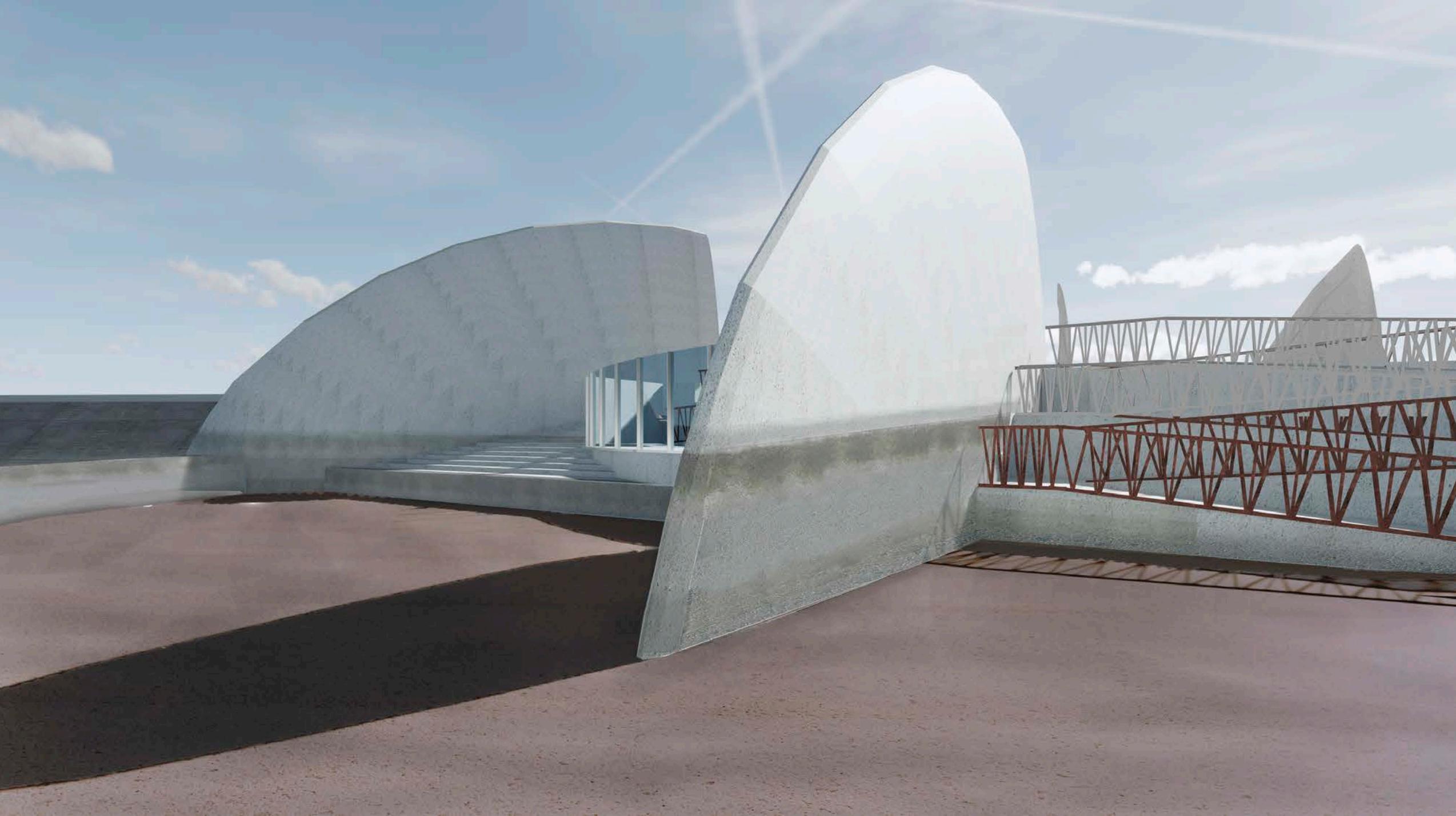


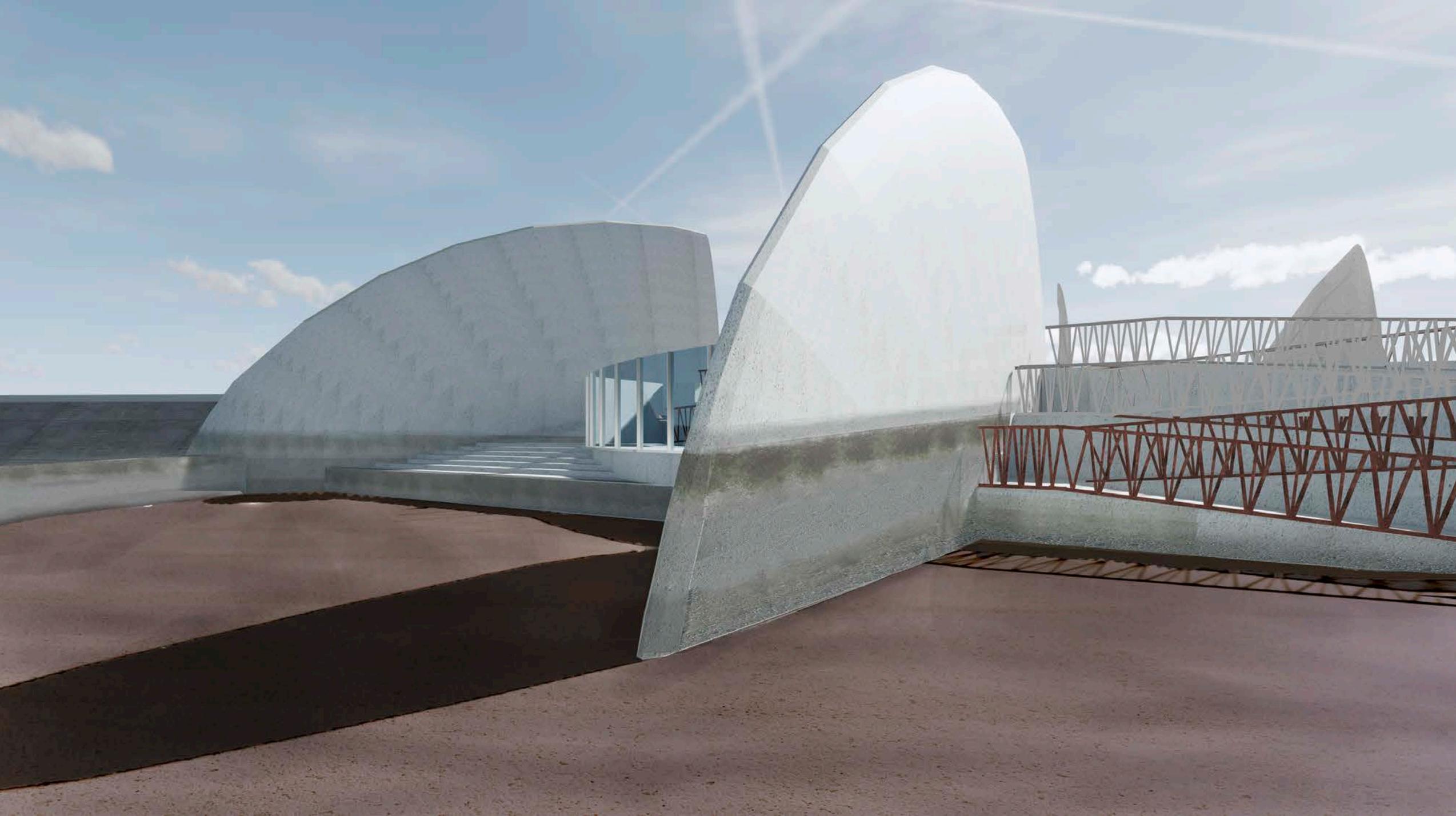


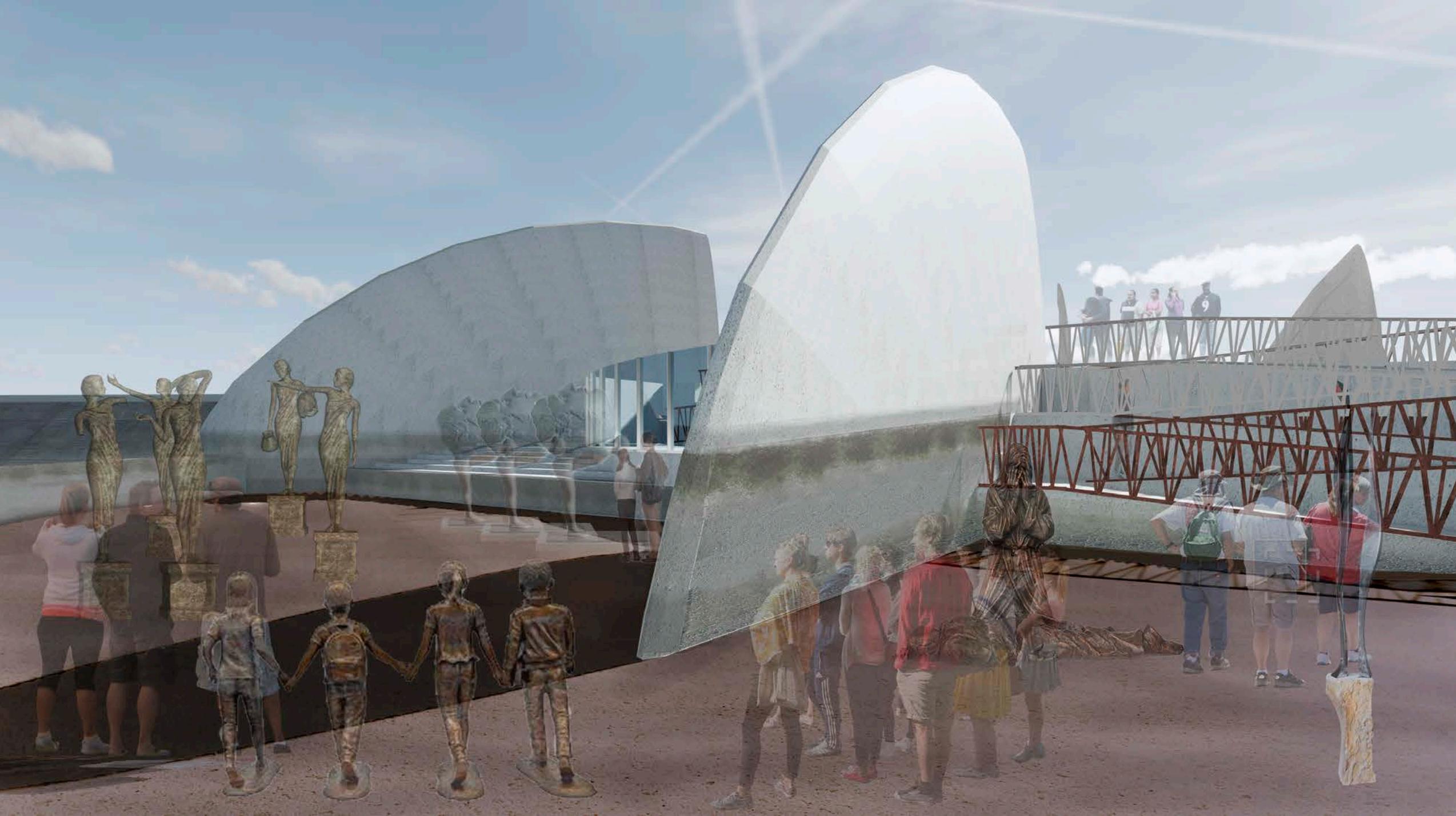




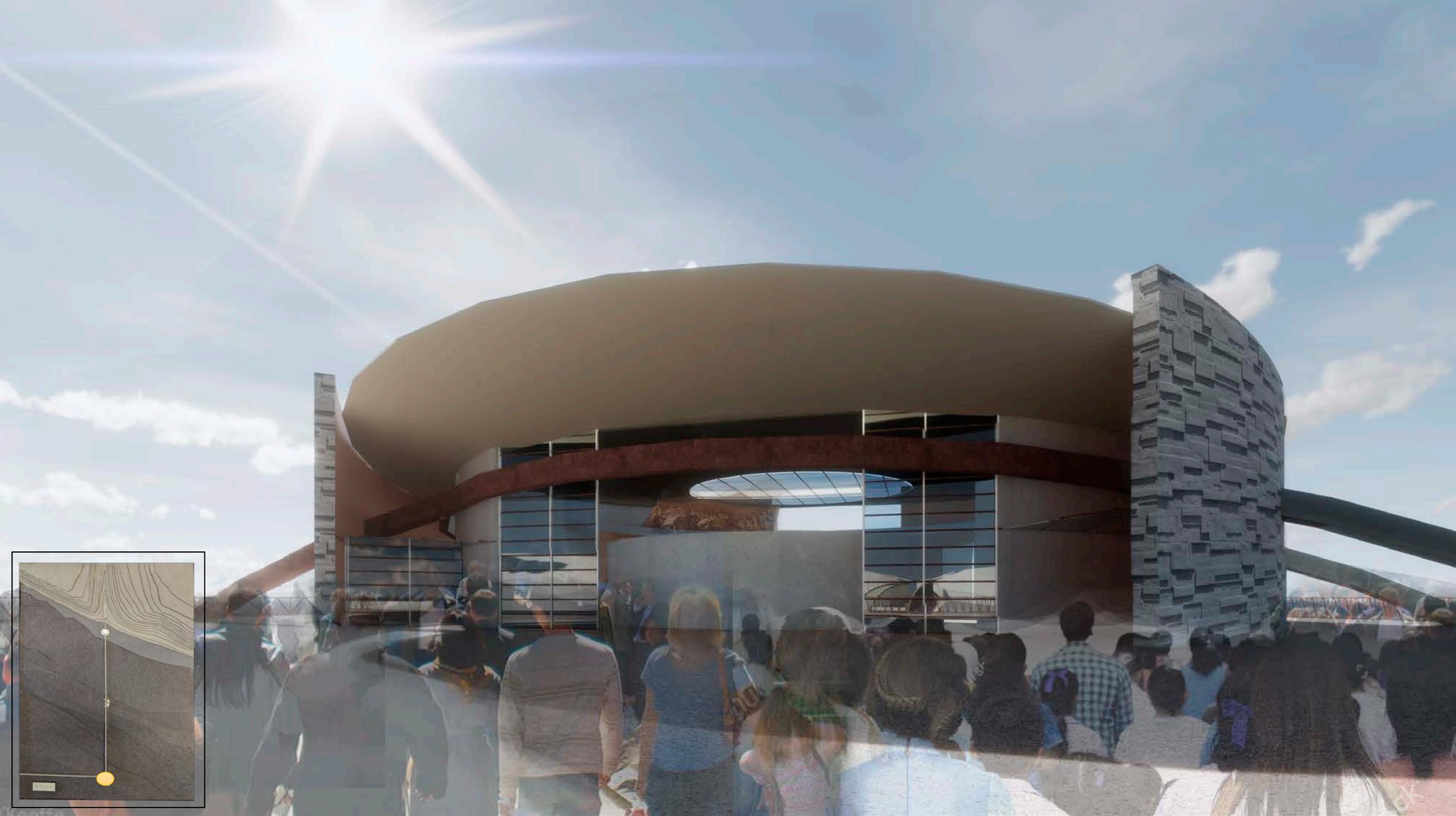


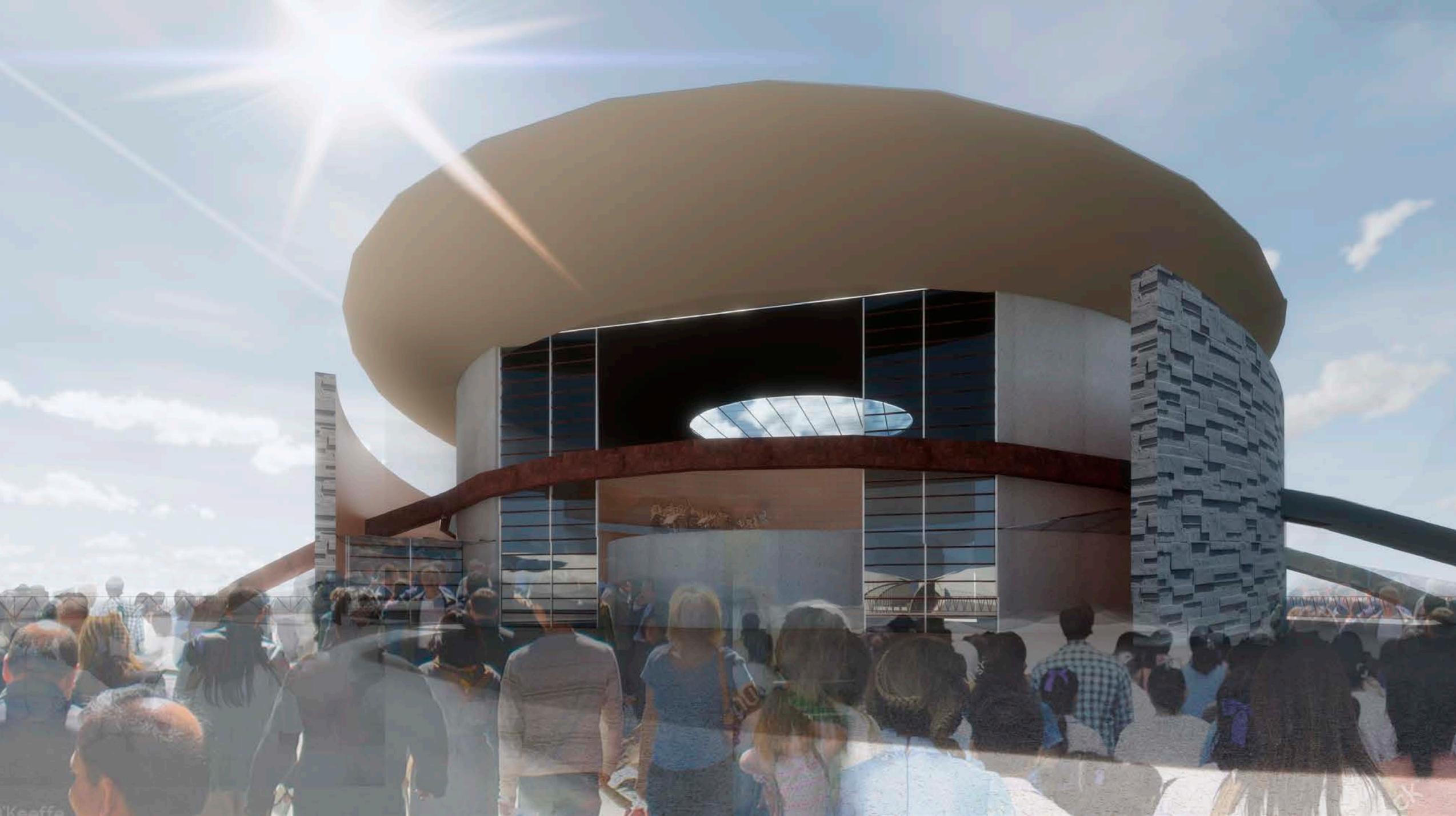








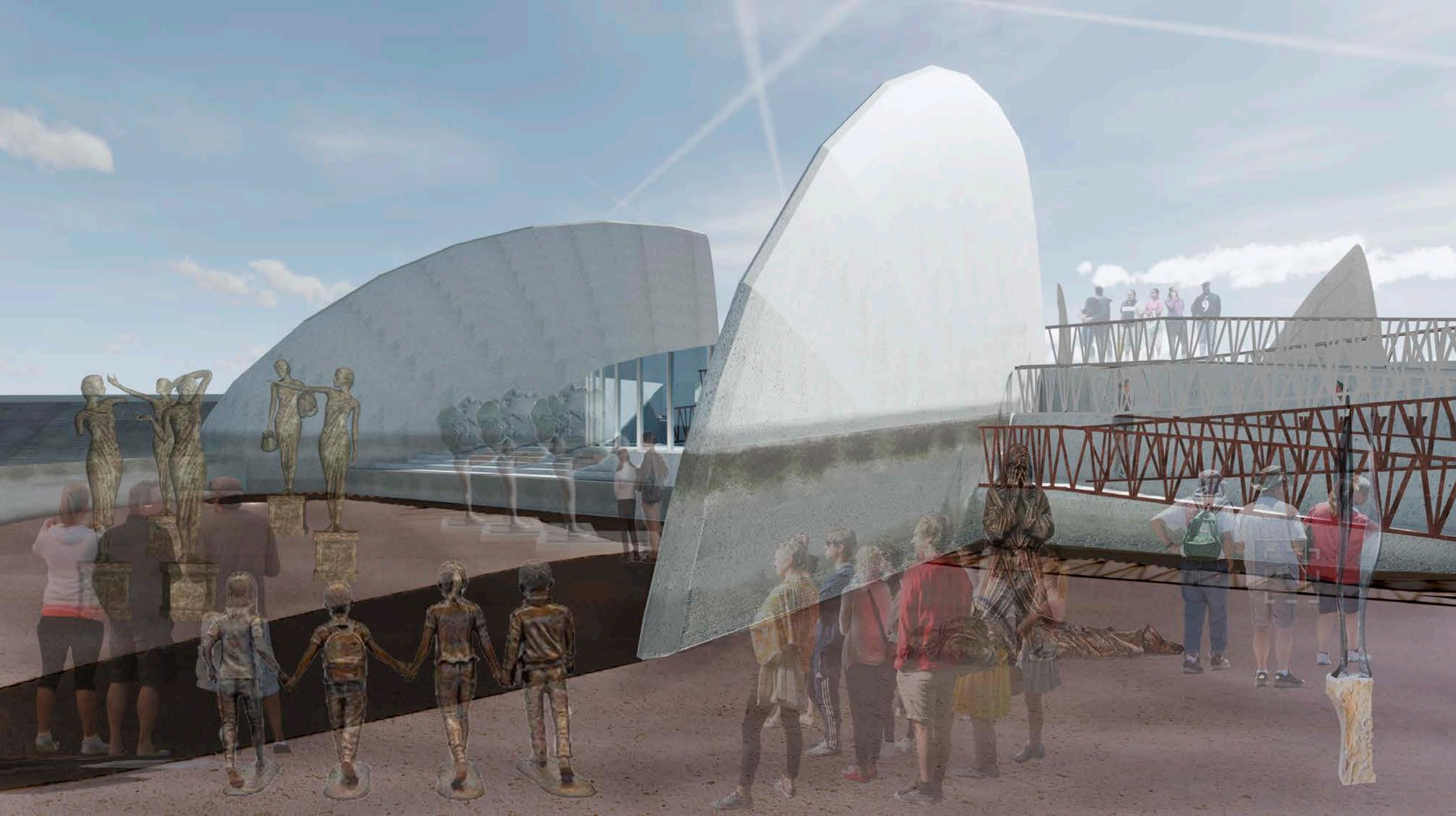


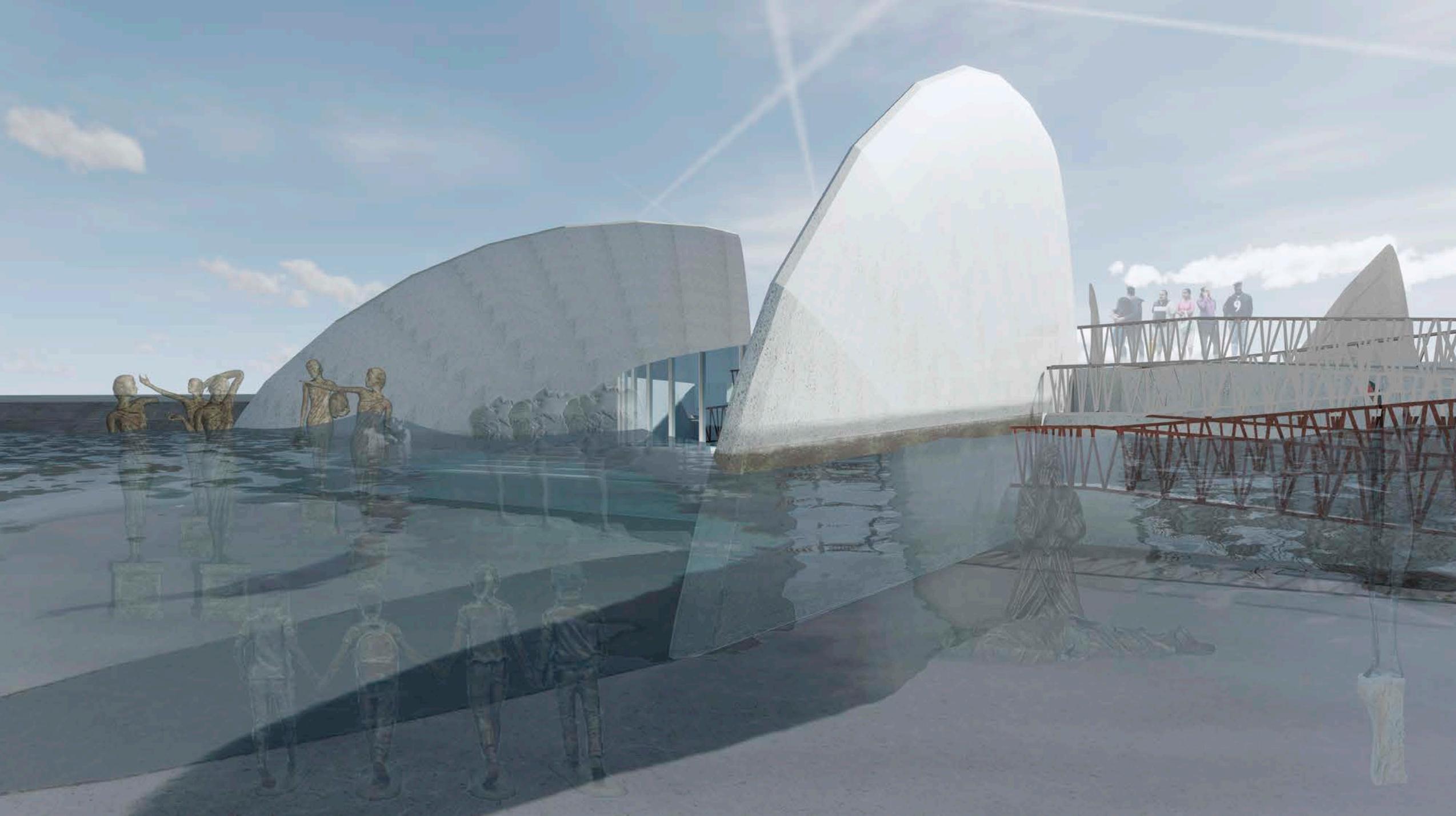




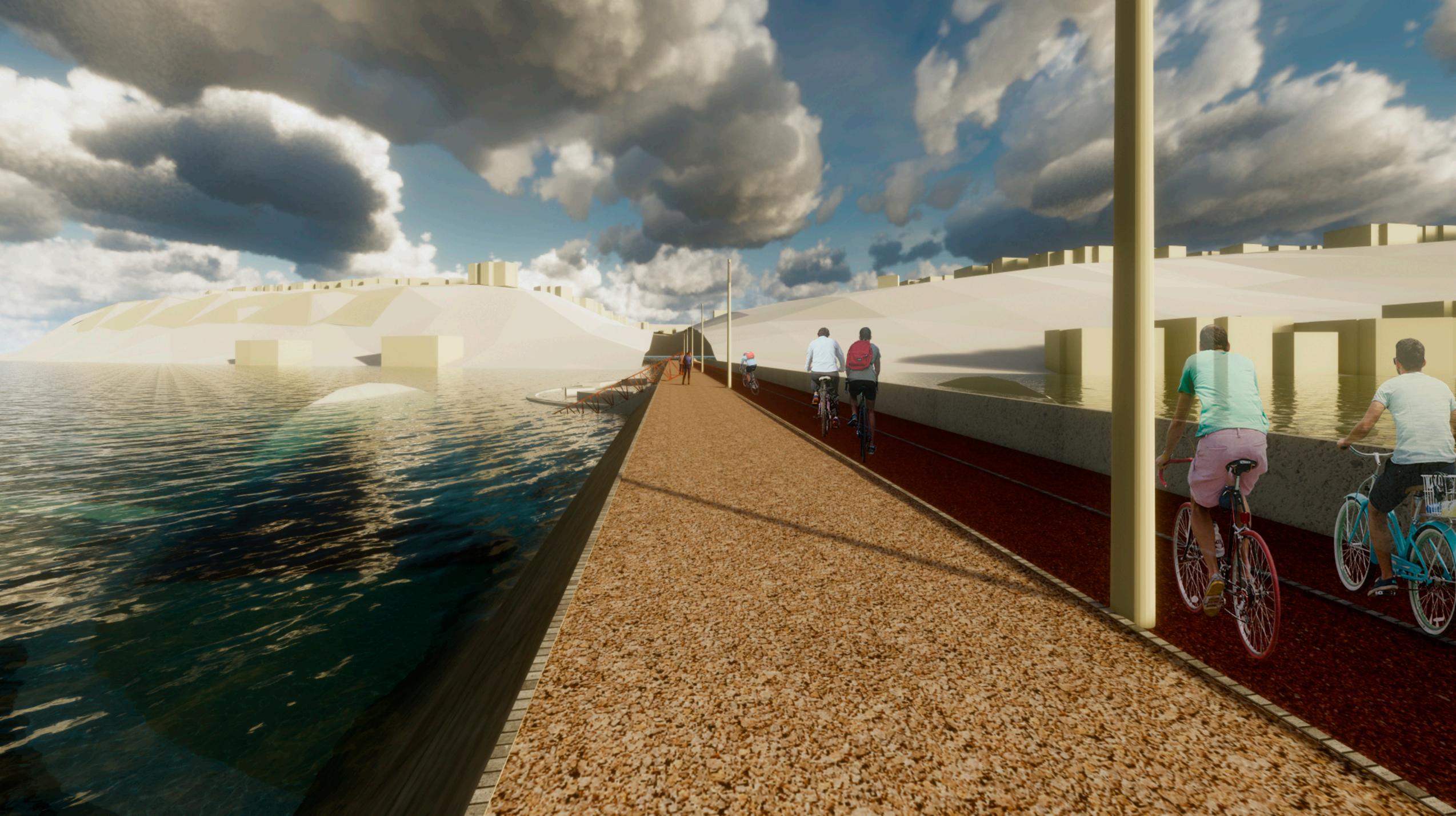














**“We know that the white man does not understand our ways. He is a stranger who comes in the night and takes from the land whatever he needs. The earth is not his friend, but his enemy, and when he’s conquered it he moves on. He kidnaps the earth from his children. His appetite will devour the earth and leave behind a desert. If all the beasts were gone, we would die from a great loneliness of the spirit, for whatever happens to the beasts happens to us. All things are connected. Whatever befalls the Earth, befalls the children of the Earth.”**

**– Chief Seattle**