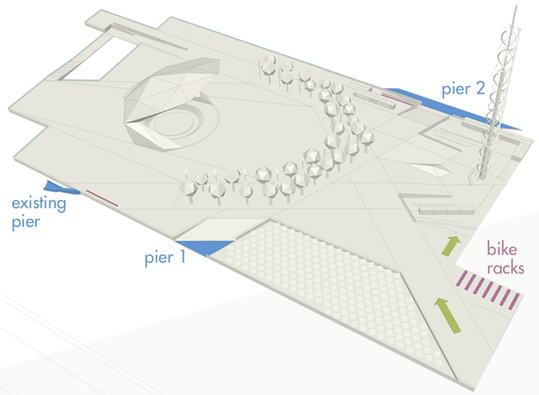
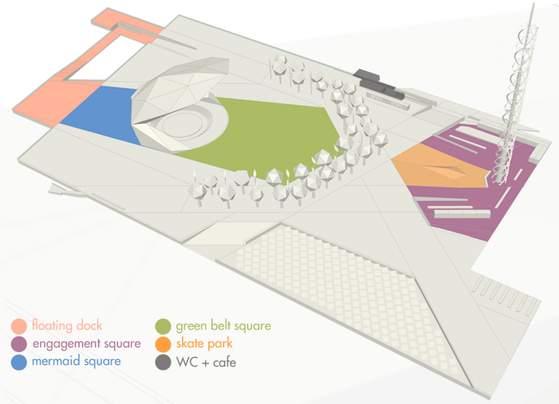
# ACCESSING

Visitors access Parallax by foot, bicycle and bus (walking entrance) or by boat (existing pier,pier 1 and pier 2).
The walking entrance allows direct access to the Engagement Square, as well as distributes fluxes of visitors through the other facilities/activities.
The existing pier would still be used for taxi bolt access.
Considering the increasead expected public, pier 1 was created for visitors access and pier 2 for suppliers and site maintenance/administration. On higher traffic days, pier 2 also allows visitors access.
Bicycle racks are installed nearby the walking entrance (250 bicycles), pier 1 (50 bicycles) and pier 2 (50 bicycles).

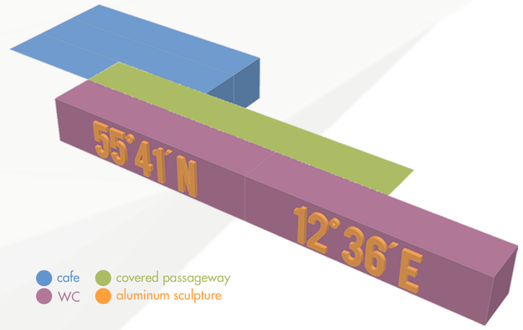



# USE

The Green Belt and the Mermaid Square constitute open spaces for sport activity and any other kind of open air activities.
They house the public during Shell events as well.
A 2200m² floating dock works as an observation deck, allowing bathing on hot days.
The skate park covers a 950m² of smooth cement. Enclosed in the Engagement Square, it´s dedicated to any applicable sport.
There´s a small cafe (75m²) and a WC (60m²) for visitors.
WC´s exterior wall will dysplay an aluminum sculpture, showing the site latitude and longitude.

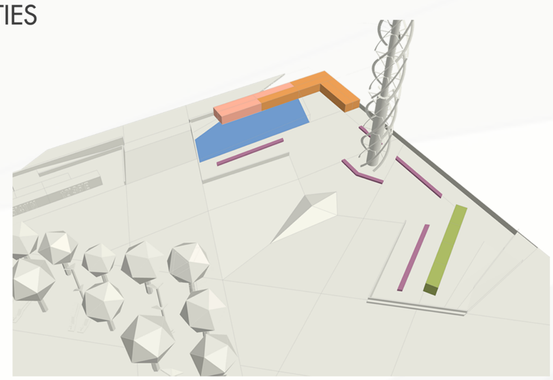



# CAFE + WC



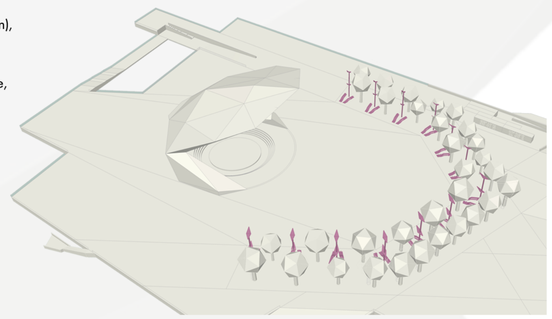

# ENGAGEMENT SQUARE FACILITIES

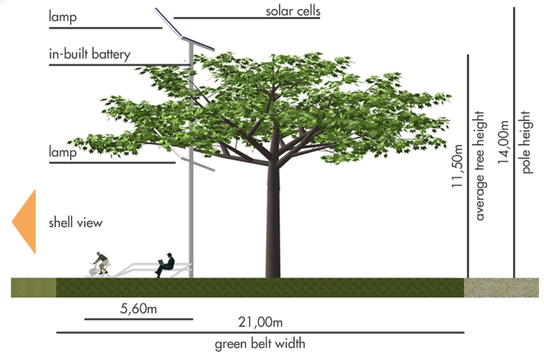
The Engagement Square is 1,50 m below the base terrain level, mainly to protect the land art visual axes.
A 90m ² area is destined for energy monitoring and site management. The area is restricted, but opened to guided tours.
The attached 150m² educational center will house a permanent exhibition about the site; containing from Lagi´s competition proposal, to the conceptual drawings and didactic explanation of the whole site energy operations.
Conceived for student groups or any interested visitor, it also informs in real time the amount of energy being generated.
The student science lounge is a 60m² area intended for temporary exhibitions of student sustainability experiments, foruns, and reciclyng campaigns: plastic, paper, metal, oil, batteries, etc.
A 800m² area for energy storage and transformation was set attached to the monitoring center. It´s restricted but viewable by the public through a glass fencing.



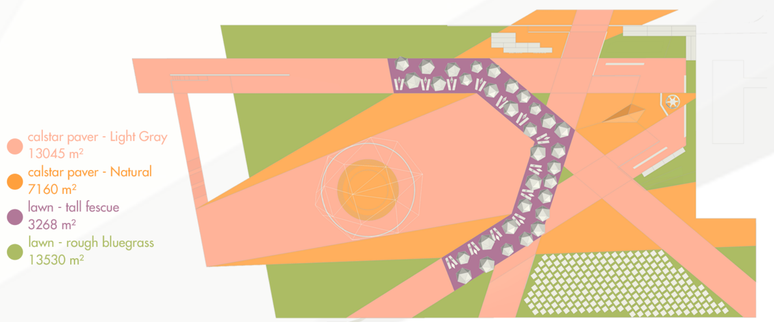

# POLE PROTOTYPE

Twelve "pole prototypes" were set at the Green Belt. Each unit comprises a lamppost+solar cell (for Green Belt Square illumination), two sets of table and benches, and two bicycles.
While pedaling, people generate energy to be storaged in batteries inside the pole. The battery saves energy for nighttime use, turning the system autonomous. Eventual energy surplus is redirected to site energy consumption.
Real time displays show how much energy it´s been provided by the bikers.The system has also two in-built jacks, for use or charging of electronic devices.
Solar cells rotate towards the Sun.



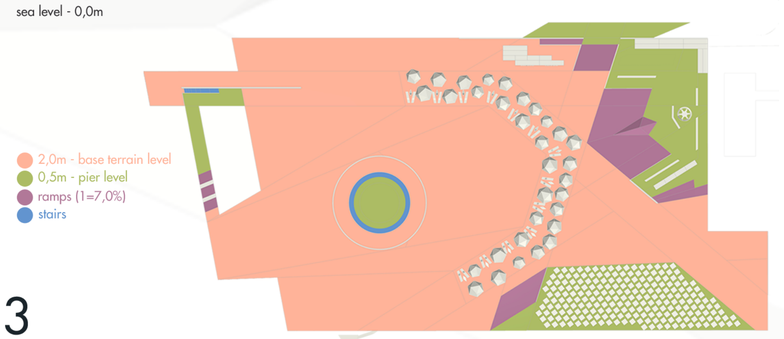



# FLOOR FINISHINGS



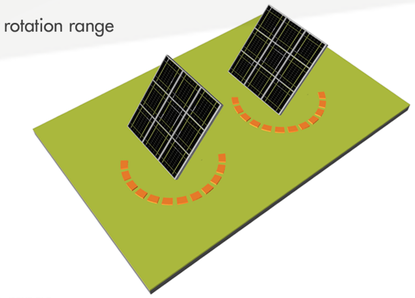

# LEVELS

sea level - 0,0m




# SOLAR MODULES DETAILS

east/west rotation range



inclination range


# GREEN BELT VEGETATION SPECIES

## LAWN AND SHRUBS


tall fescue


rough bluegrass


rhododendron


mugo pine

## MID SIZE TREES


davidia involucrata


cercidiphyllum


honey locust


maple

# SHELL DESIGN TIMELINE