A place where people can experience the natural world in transition.
The vision for De-Pave Park is to transform the paved tarmac into a thriving ecological park that adapts to future sea level rise by accepting rising tides to create restored wetlands. De-Pave Park will be a new model for resilient landscapes, offsetting its carbon footprint in 4 years to become Climate Positive and mitigating the carbon footprint of its original construction in less than 25 years, as opposed to the additional 220 years the current site would require to become Climate Positive.
THE VISION
NATURE BASED + CLIMATE POSITIVE

De-Pave Park will become an ecologically productive landscape for native wildlife and a recreational and educational resource for the community.
DE-PAVE PARK

EXISTING CONDITIONS

BREAKWATER

EXISTING CONCRETE

BUILDING 29

VA WETLAND

ANCILLARY BUILDINGS

BUILDING 25

SEAPLANE LAGOON
ECOLOGY OVERLOOK
HIKE AND BIKE PATH
SEA LEVEL RISE RESILIENCE
CLIMATE POSITIVE DESIGN SCORECARD

Though re-purposing materials and minimizing additional carbon emissions and maximizing carbon sequestration De-Pave Park is a new model for Climate Positive Design.

Climate Positive Design Scorecard

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Alameda De-Pave Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Project</td>
<td>Park</td>
</tr>
</tbody>
</table>

Net Impact over 50 years

- Total Embodied Carbon from Materials: 1,630,413 lbs CO₂-eq
- Total Carbon Sequestered by Plants over 50 years: 18,569,173 lbs CO₂-eq
- Total Operational Carbon from Maintenance over 50 years: 76,143 lbs CO₂-eq

Total Area: 520,514 sq feet (11.95 acres)
- Impervious area: 40,275 sq feet (8% of total area)
- Permeable area: 480,239 sq feet (92% of total area)
- Planted area: 480,239 sq feet (92% of total area)

Carbon sequestration over time

Offset percentage

- Project Lifespan

Embodied carbon profile

- Paving
- Walls, Curbs & Headers
- Custom Elements

Total Carbon Sequestered: 18,569,173 lbs CO₂-eq
DE-PAVE PARK VISION PLAN

A place where people can experience the natural world in transition.