

Martin Marietta Materials, Inc.

Pier 92 Facility



Presentation Overview

- **Who?** Martin Marietta Materials, Inc.
- **Where?** Pier 92/Port's Maritime Eco-Industrial Center.
- **What?** A modernized Pier 92 facility with new equipment and environmental controls.
- **Why?** To continue supplying critical building materials the City needs and to develop a modern facility consistent with Martin Marietta's World-Class Standards.
- **When and How?** After the completion of permitting with the Port and BAAQMD.

Martin Marietta Materials, Inc.

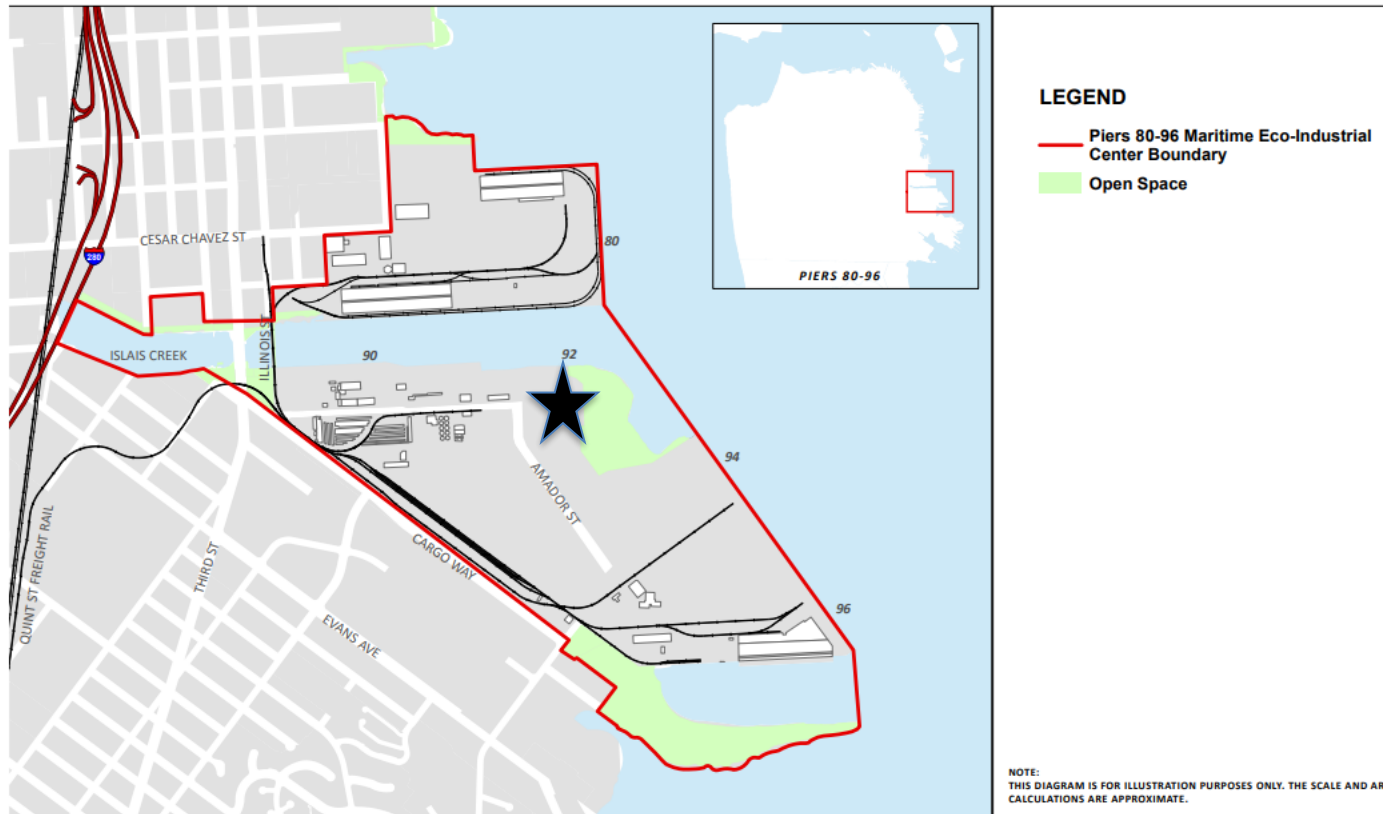
A member of the S&P 500 Index, Martin Marietta is an American-based company and a leading supplier of building materials - including aggregates, cement, ready mixed concrete and asphalt. Through a network of operations spanning 28 states, Canada and the Bahamas, dedicated Martin Marietta teams supply the resources necessary for building the solid foundations on which communities thrive.



Pier 92—Maritime Eco-Industrial Center

Port of San Francisco

Piers 80-96 | Maritime Eco-Industrial Center | Strategy



0 375 750 1,500 2,250 3,000 Feet

↑

\\05-SOUTHERN WATERFRONT\ECO-INDUSTRIAL CENTER\GIS NOV 2015\80-96 SITE_SETTING.MXD

1. SITE SETTING

Piers 80-96 Maritime Eco-Industrial Center Strategy

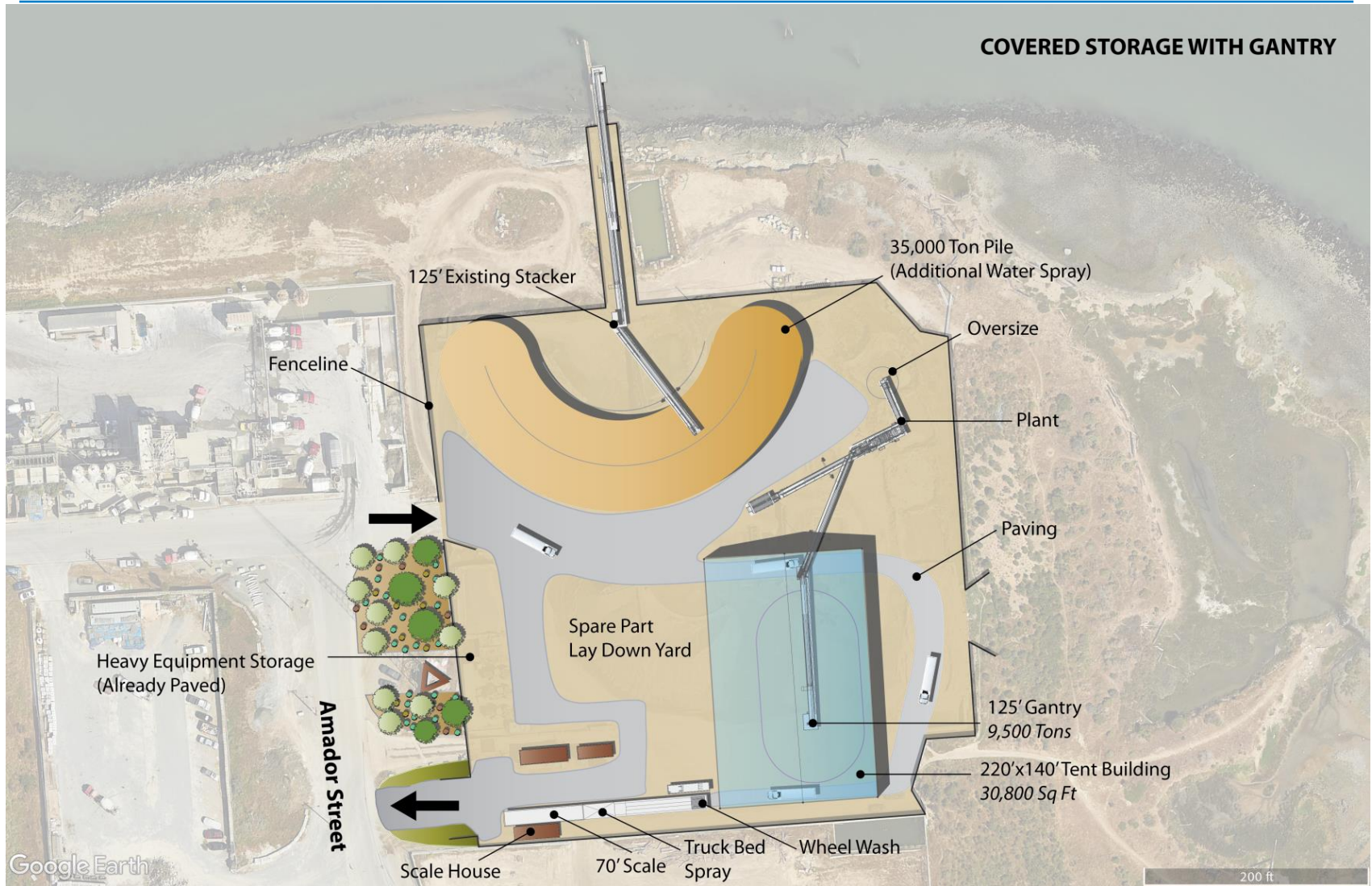
PORT OF SAN FRANCISCO



Pier 92—Today



Pier 92—Proposed Modernization Project



Pier 92—Proposed Modernization Project



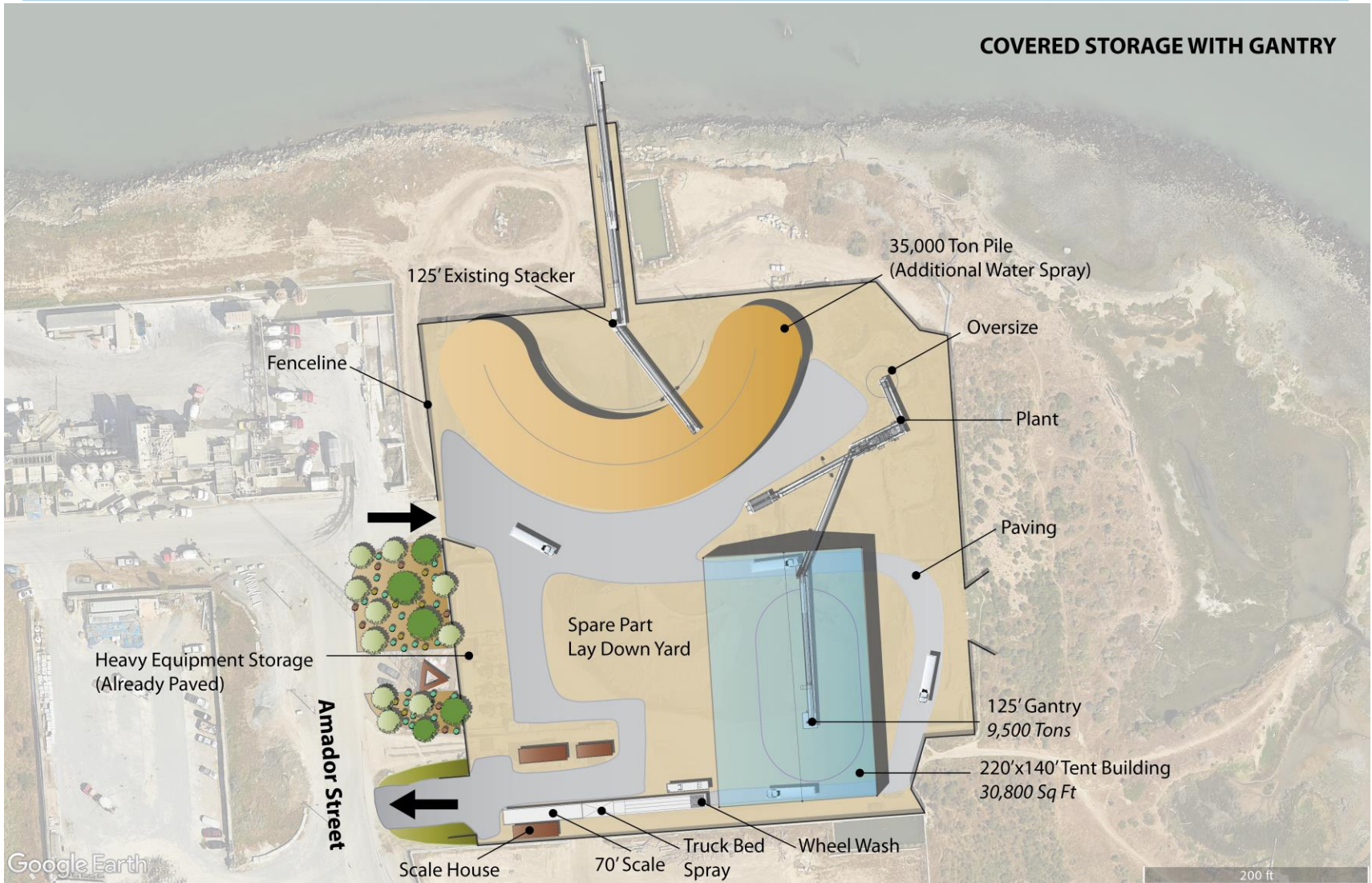
Pier 92—Proposed Modernization Project



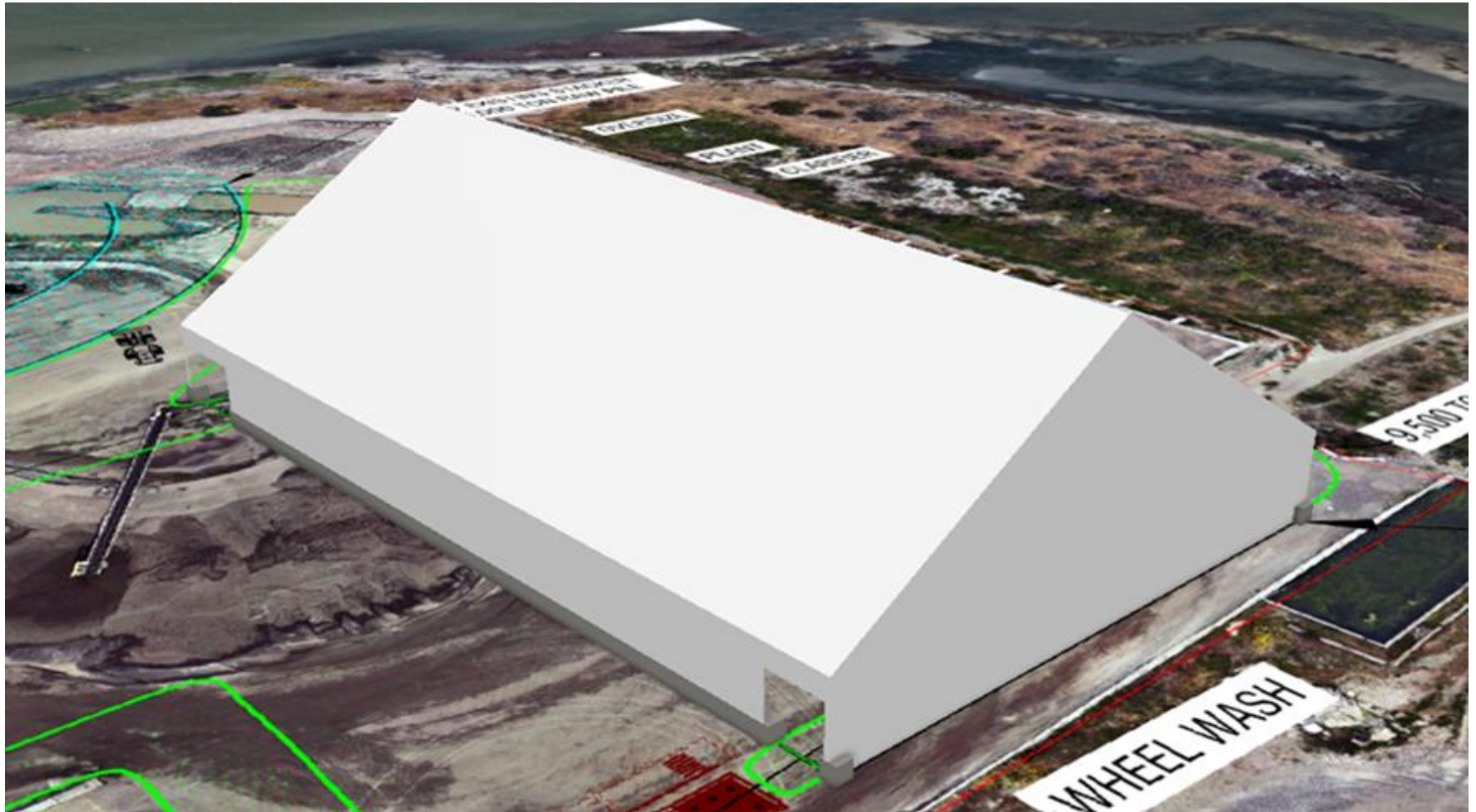
Pier 92—Proposed Modernization Project



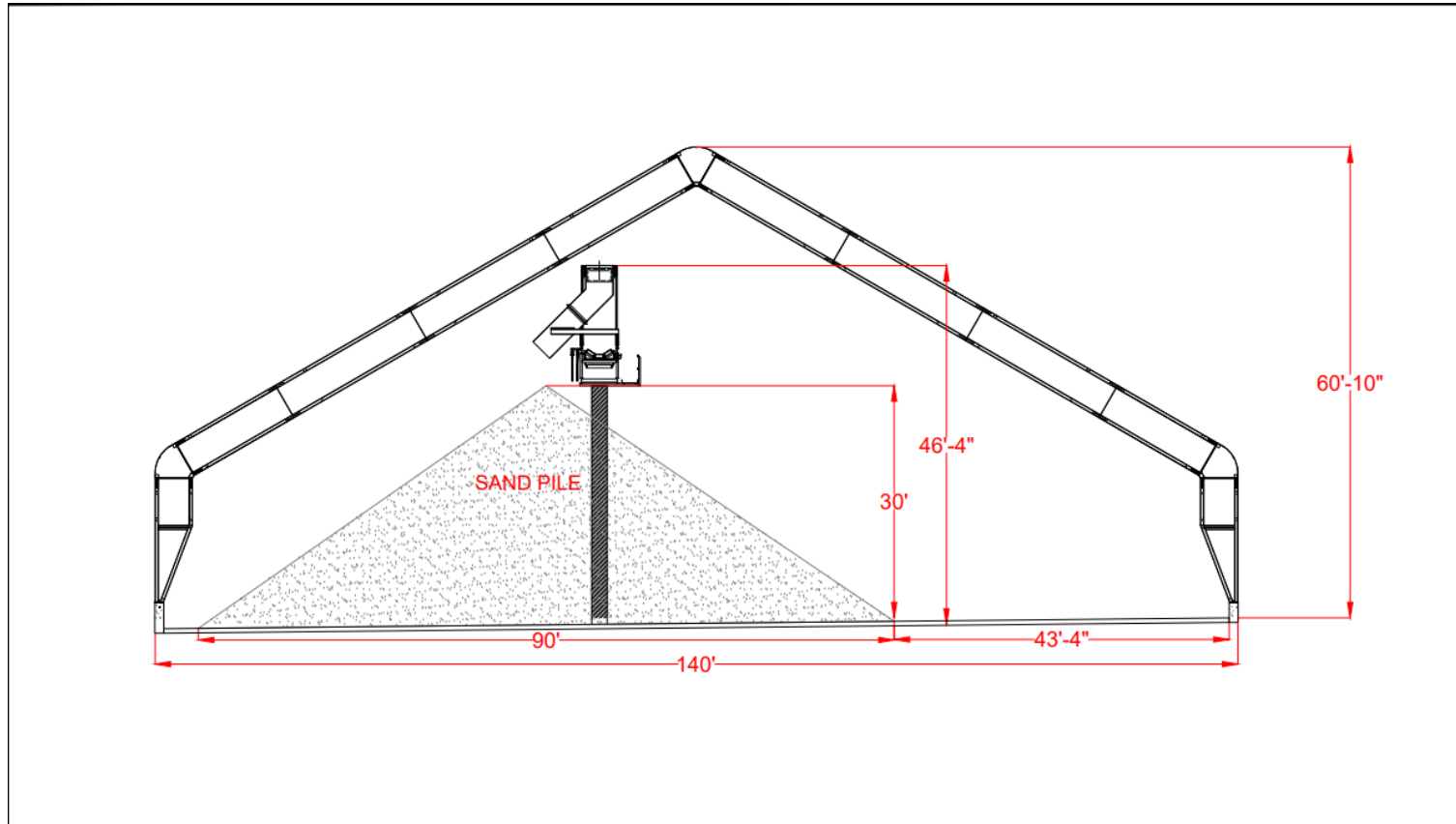
Pier 92—Proposed Modernization Project



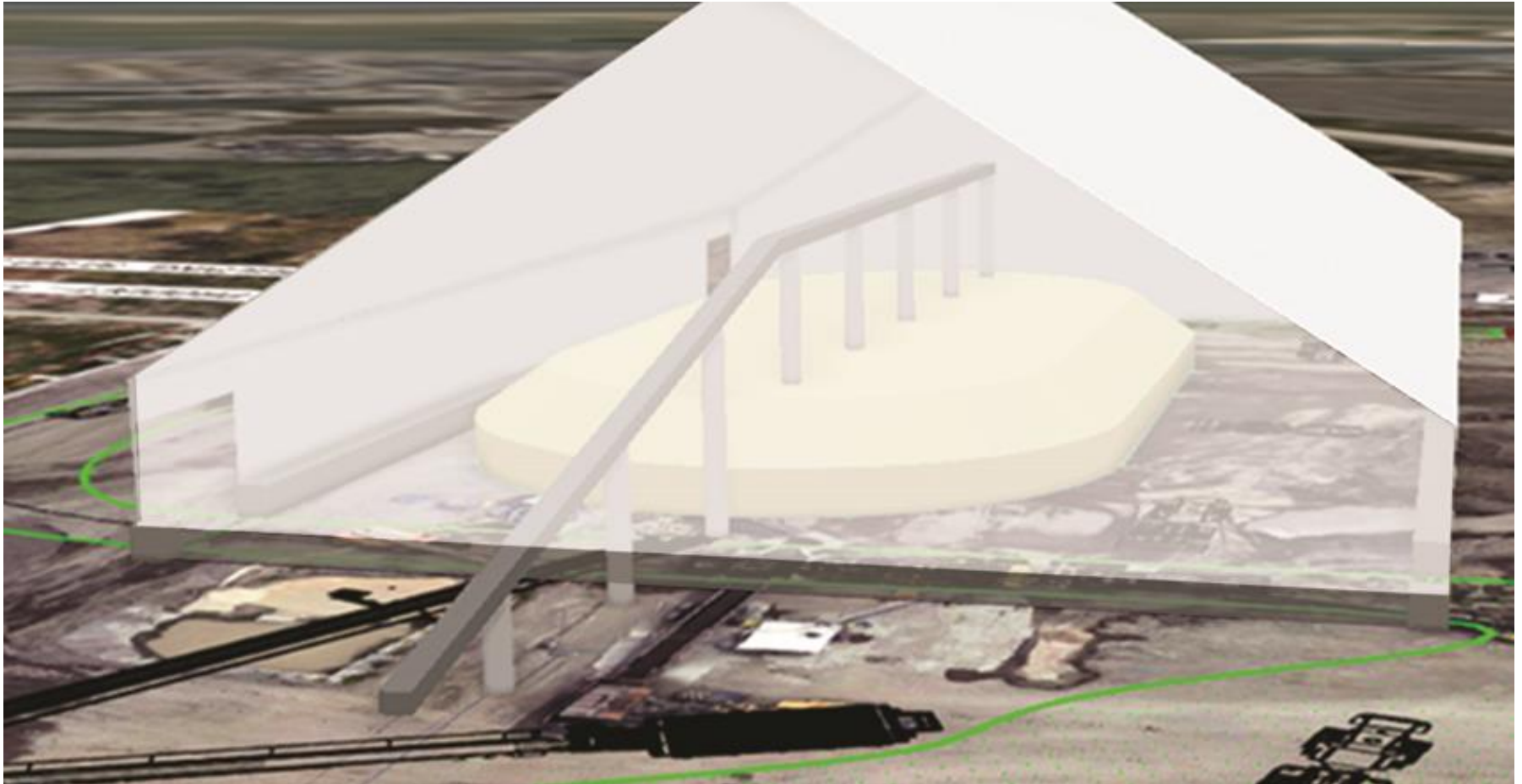
Pier 92—Proposed Modernization Project



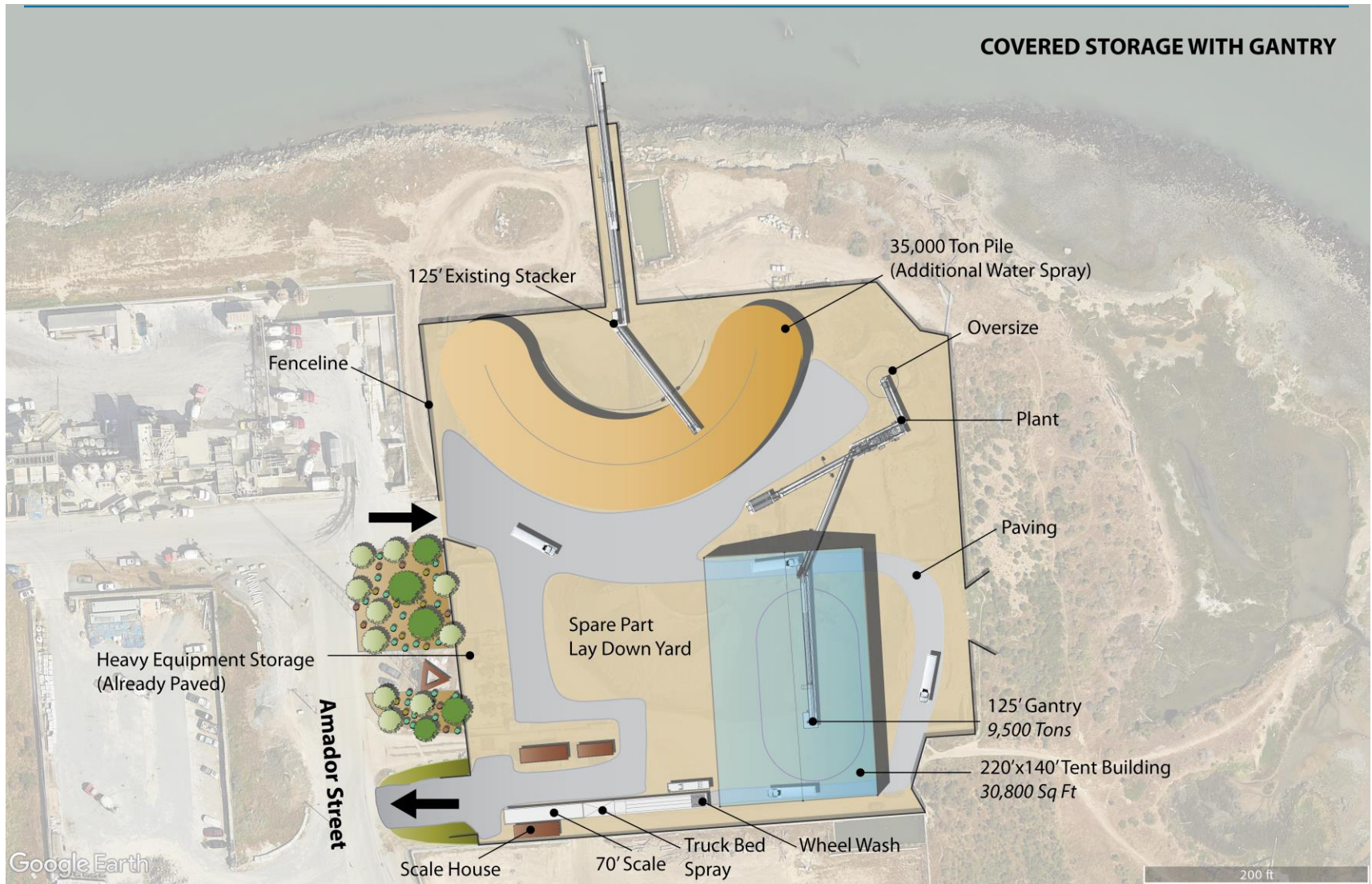
Pier 92—Proposed Modernization Project



Pier 92—Proposed Modernization Project



Pier 92—Proposed Modernization Project



Examples of How Pier 92 Sand is Used

- **San Francisco Recreation & Parks Ocean Beach Climate Adaptation Project:** Approximately 12,000 tons of the Pier 92 Facility's sand has been utilized to combat erosion.
- **Affordable Housing in Haight-Ashbury:** Martin Marietta's sand has been used in the concrete foundations of an eight-story affordable housing project.
- **San Francisco Southeast Treatment Plant Biosolids Digester Facilities Project:** The Pier 92 Facility supplied sand being used in concrete for the development of this project.
- **Hunters Point Naval Shipyard Cleanup:** More than 35,000 tons of the Pier 92 Facility's sand has been used in the engineered cap.
- **Hérons Head Park Shoreline Resilience Project:** More than 10,000 tons of the Pier 92 Facility's sand screenings were donated for use in this project.
- **Life Sciences Building in South San Francisco:** The Pier 92 Facility has supplied sand used in the concrete foundations in the development of an eight-story life sciences project.

Examples of How Pier 92 Sand is Used (continued)

- **Mixed Use Project in SoMa:** The Pier 92 Facility supplied sand used in the concrete foundations of a 16-story mixed use project in SoMa.
- **Kelsey Civic Center:** The Pier 92 Facility supplied sand used in the concrete foundations of 112 homes for people of all abilities, incomes, and backgrounds.
- **30 Van Ness:** The Pier 92 Facility supplied sand used in the concrete foundations of this 47-story project, now titled Hayes Point with 333 homes above offices and retail.
- **Utility Projects:** The Pier 92 Facility supplied sand that is regularly used in utility projects led by public agencies throughout the City and the Bay Area.

Potential Environmental Impacts

- If the facility was no longer operated as a maritime use:
 - 800,000 tons per year of sand trucked to the facility
 - Resulting in 33,000 additional sand truck trips per year.
- Would generate **2,134 tons of CO_{2e} each year**; equal to:



2.3 Million Pounds of Coal Burned Annually

OR



Annual Carbon Sequestered by **2,540 Acres of Forest**



1. Truck emissions calculated per the EMFAC CARB Database
2. Equivalent emissions per the EPA GHG Emissions Equivalency Calculator

Next Steps

- File applications with Port and BAAQMD
- Environmental Review
- Seek Port Commission approval
- Construction (e.g., plant removal, paving, plant installation)

- Periodic SAC updates

Community Involvement

- Employment of Local Trucking Companies
- Supporter of the Golden Gate Bird Association
- Maritime Commerce Advisory Committee Member Participant
- Participant / Exhibitor in the Port's Rising T.I.D.E.S. Internship and Mentor Program
- Participant / Exhibitor in the Port's Contract Open House Event
- Material donations (e.g., shoreline enhancements at Heron's Head)
- Contributors to the Port's Southern Waterfront Beautification Program