

SAUSALITO FERRY LANDING IMPROVEMENTS PROJECT

SEPTEMBER 12, 2017

CITY OF SAUSALITO - CITY COUNCIL MEETING

PRESENTATION OUTLINE

- Overall Design Changes
- Existing Sausalito Ferry Landing
- Design Evolution
- 2017 Revised Proposed Ferry Landing Improvements Project
- Tentative Project Schedule
- Construction Overview
- Addressing Concerns

OVERALL DESIGN CHANGES



Existing Gangway 70' long x 5.9' wide x 3.5' above walking surface

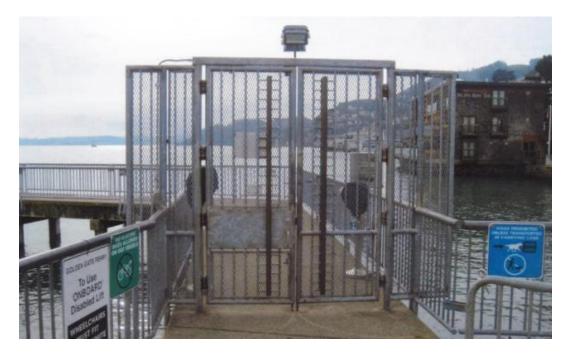


December 2014 Proposed Gangway 90' long x 21' wide x 9.1' above walking surface



August 2017 Proposed Gangway 90' long x 12' wide x 3.5' above walking surface

OVERALL DESIGN CHANGES



Existing Gate



December 2014 Proposed Gate

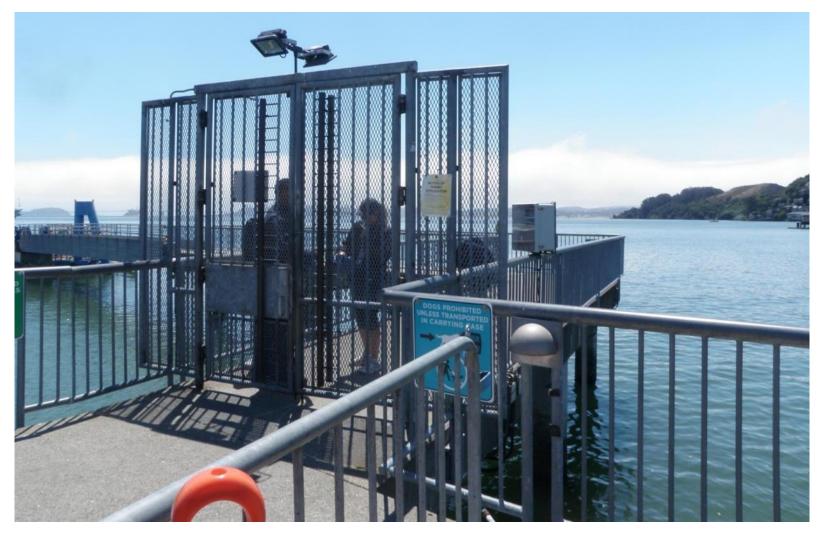


August 2017 Proposed Gate

EXISTING SAUSALITO FERRY LANDING



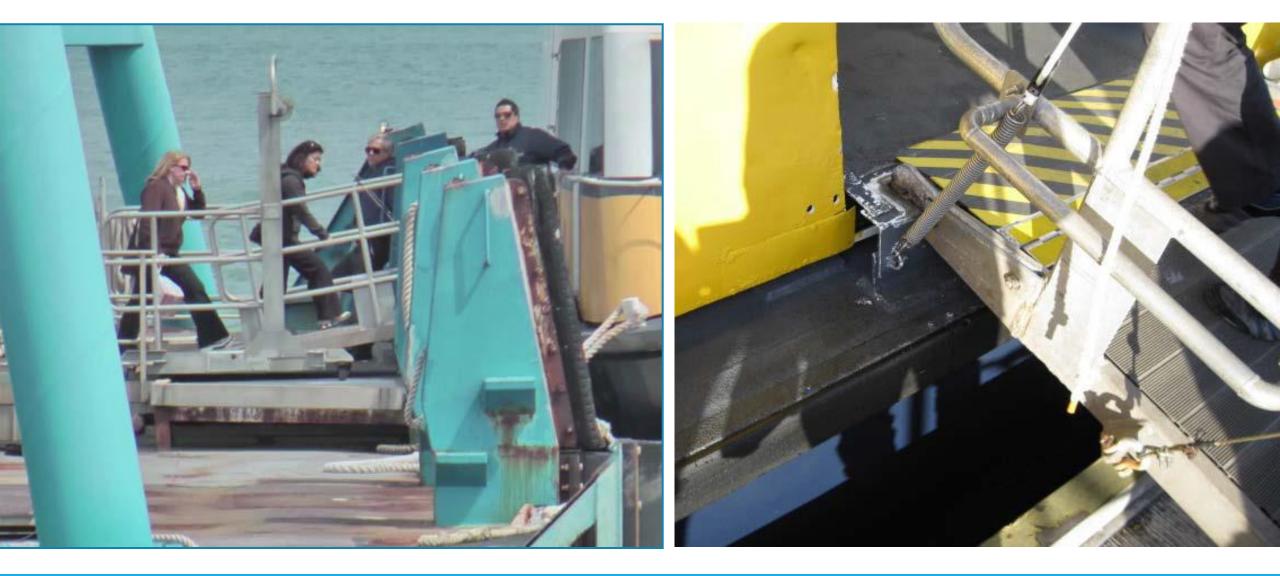
EXISTING SAUSALITO FERRY LANDING



EXISTING FACILITIES ARE OLD AND RUSTING



EXISTING DOES NOT MEET CURRENT ADA REQUIREMENTS



EXISTING NARROW FACILITY STOPS PASSENGERS FROM BOARDING AND DISEMBARKING EFFICIENTLY



PEOPLE SPILL ONTO STREETS & VESSELS LEAVE HALF FULL

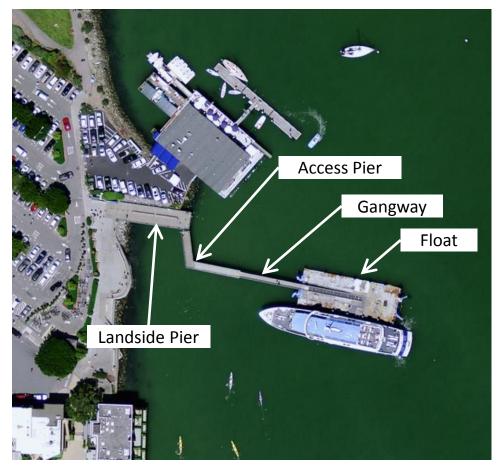


PASSENGER OVERCROWDING IS UNSAFE

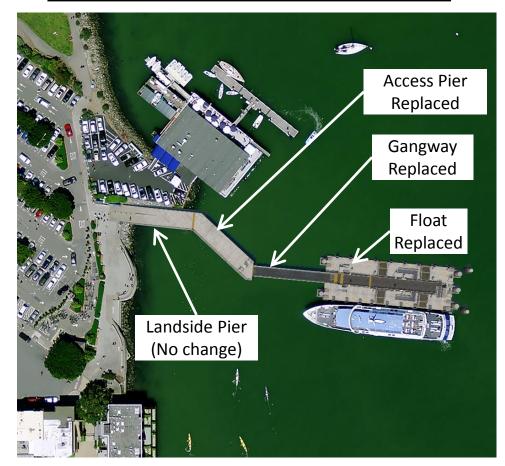


PROPOSED SAUSALITO FERRY LANDING

EXISTING



PROPOSED – WITHOUT BELVEDERES



DESIGN EVOLUTION

DESIGN ELEMENTS

- Comply with current California building codes
- Comply with current ADA requirements
- Passenger and employee safety
- Accommodate ferry operation requirements
- Emergency preparedness and mutual aid
- Increase public access area on landing (BCDC requirement)
- Complement surroundings
 - Color
 - Architectural features

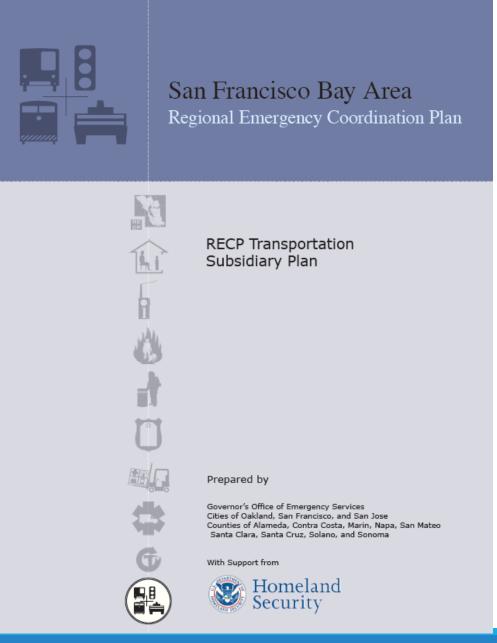
OPERATIONAL FLEXIBILITY



EMERGENCY PREPAREDNESS

- San Francisco Bay Area Regional Emergency Coordination Plan (RECP)
 - The State of California Governor's Office of Emergency Services and its local government partners developed this plan to provide a framework for collaboration and coordination during regional emergency events

> The plan includes the District's ferry resources





Appendix C | RECP Transportation Subsidiary Plan San Francisco Bay Area Transit Operators Mutual Aid Agreement



Area Transit Operators Mutual Aid Agreement This Mutual Aid Agreement ["Agreement"] is made and entered into as of the ___ day of the ____, 2005 by those parties who have adopted and signed this Agreement, which include the following organizations: Alameda-Contra Costa Transit District

Alameda-Contra Costa Transit District Altamont Commute Express Rail San Francisco Bay Area Rapid Transit District Contra Costa County Transportation Authority Golden Gate Bridge, Highway and Transportation District Livermore-Amador Valley Transit Authority San Francisco Municipal Railway San Mateo County Transit District Santa Clara County Transit District City of Vallejo

Appendix C – San Francisco Bay

WHEREAS, the San Francisco Bay Area is susceptible to serious local and major regional emergencies, including moderate to great earthquakes that could interrupt normal public transit services; and

WHEREAS, the parties to the Agreement have determined that it would be in their best interests to enter into an Agreement that provides equipment, personnel, supplies and other goods and services to each other under emergency conditions so that transit services experience minimal interruption and recover rapidly; and

WHEREAS, the parties to this Agreement understand that reimbursement will be made to the lending organizations for equipment, personnel, supplies and other resources made available under this Agreement; and

WHEREAS, the parties to this Agreement understand that each must give priority attention to emergencies affecting its own operations, and that no party should unreasonably deplete its own resources, facilities, or services to provide such mutual aid; and

WHEREAS, such an Agreement is in accord with the California Emergency Services Act as set forth in Title 2, Division 1, Chapter 7 (Section 8630 et seq.) of the Government Code, and specifically Article 14 (Section 8630 et seq.) of the Act, Section 3211.92 of the Labor Code related to Disaster Service Workers, and the California Master Mutual Aid Agreement;

NOW THEREFORE, in consideration of the conditions and covenants contained herein, the parties to this Agreement agree as follows:

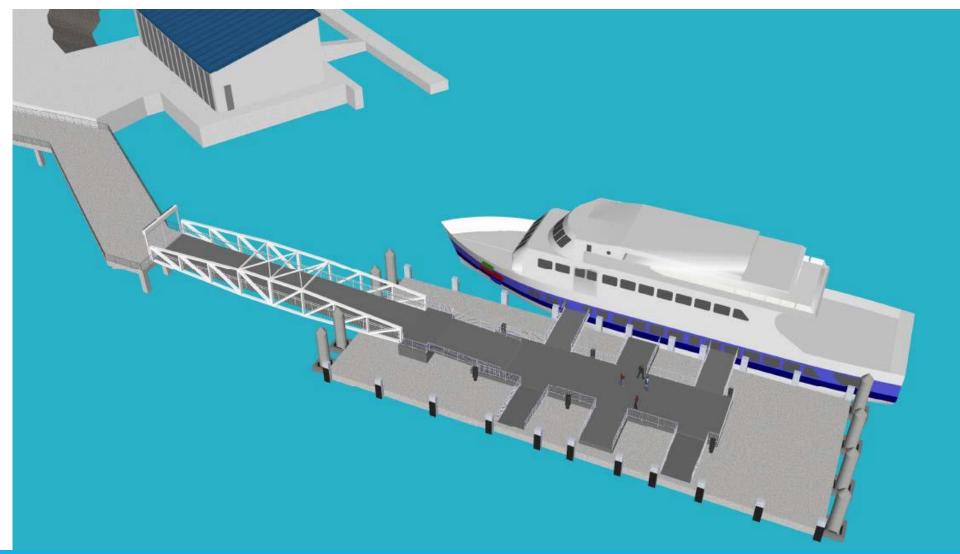


 Ferries are an integral part of the regional emergency response plan, providing crucial alternative access in an event of road closures

C-1

17

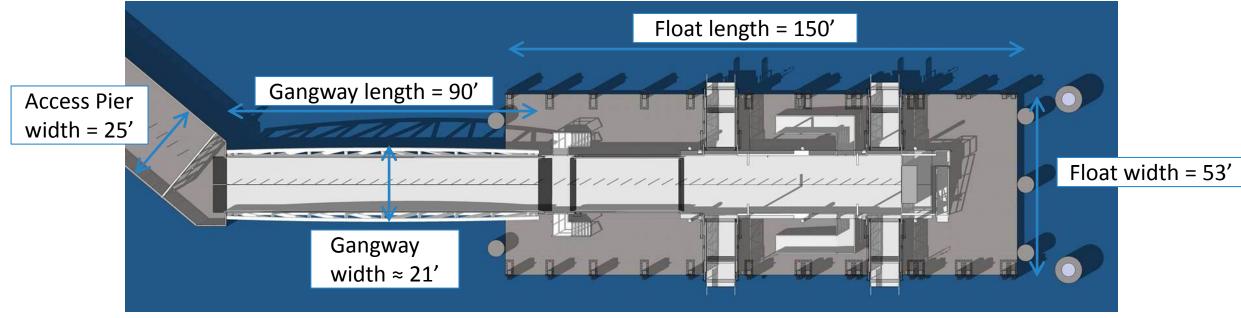


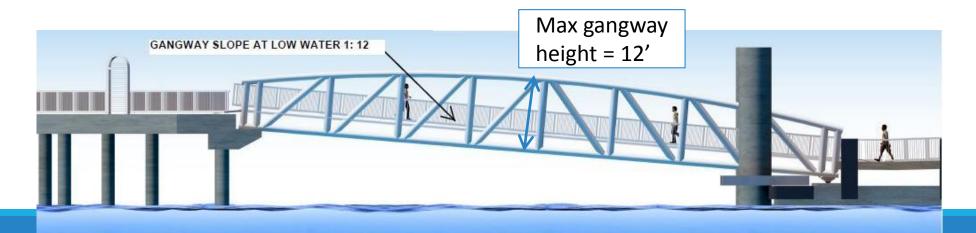


2012 – 2014 ENVIRONMENTAL REVIEW PROCESS

- Notice of Intent to Adopt Mitigated Negative Declaration (MND) September 17, 2012
- Notice Published in Marin IJ
- Notice Published in Marin Scope Sausalito Edition
- Public Meeting at Sausalito City Hall October 2, 2012
- District Building and Operating Committee Meeting to Recommend Adopting MND December 13, 2012
- District Board Meeting to Adopt MND December 14, 2012
- Filed Notice of Determination with County December 18, 2012
- FTA Concurred with Categorical Exclusion February 2014









December 2014 Proposed Gangway 90' long x 21' wide x 9.1' above walking surface (Total Maximum Height = 12')



Summary:

	PROPOSED DECEMBER 2014	
FLOAT	150' long x 53' wide	
GANGWAY	90' long x 21' wide x 12' high	
ACCESS PIER	96' long x 25' wide	
LANDSIDE PIER	No change to existing	
BELVEDERES	Yes, per BCDC	
GATE	Roll up doors	
COLOR	White, blue	

MARCH 2015 – APRIL 2015

- District participated in City's Planning Commission & Historic Landmarks Board (PC/HLB) review process:
 - March 11, 2015 Study Session District provided design options and PC/HLB chose preferred options
 - > April 1, 2015 1st PC/HLB Joint Hearing District presented preferred Project option
 - > April 15, 2015 2nd PC/HLB Joint Hearing District presented preferred Project option
 - > April 29, 2015 continuation of 2nd PC/HLB Joint Hearing
- District made design changes and presented modified project to City Council May 2015









Summary:

	PROPOSED DECEMBER 2014	PROPOSED MARCH 2015	
FLOAT	150' long x 53' wide	150' long x 53' wide	
GANGWAY	90' long x 21' wide x 12' high	90' long x 18.3' wide x 8' high	Proposed Project
ACCESS PIER	96' long x 25' wide	96' long x 21' wide	Proposed Project denied by City Council
LANDSIDE PIER	No change to existing	No change to existing	
BELVEDERES	Yes, per BCDC	Yes, per BCDC	
GATE	Roll up doors	Simple swing gate with steel grating	
COLOR	White, blue	Gray	

2015 – COMMUNITY MEETINGS

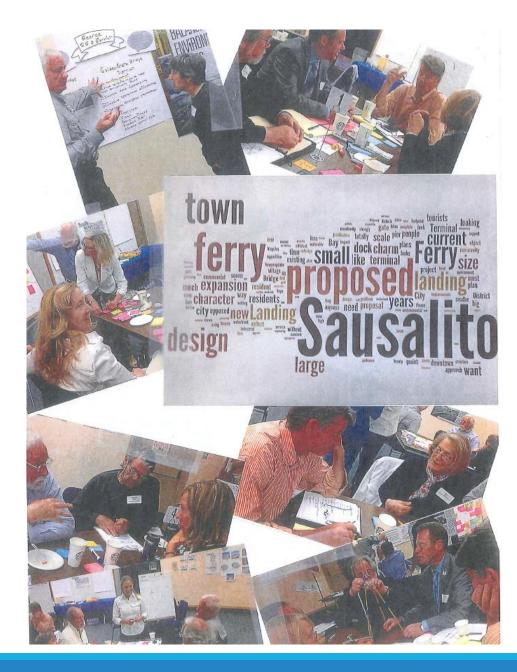
Marin County Supervisor Kate Sears, Mayor Thomas Theodores, Vice Mayor Jill Hoffman, City Residents, and the District participated in stakeholder meetings

June 27, 2015 @ Bay Model, Sausalito

October 10, 2015 @ City Hall, Sausalito

November 14, 2015 @ City Hall, Sausalito

Design changes were made. District continued with participation in City's PC/HLB process.



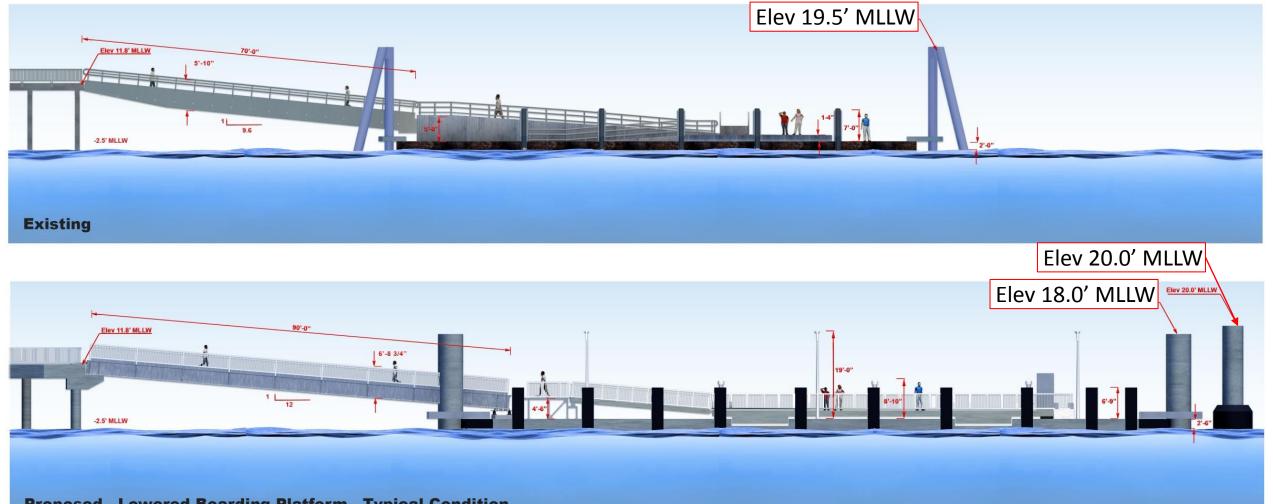








MARCH 16 & 29, 2016 PC/HLB HEARINGS



Proposed - Lowered Boarding Platform - Typical Condition

MARCH 16 & 29, 2016 PC/HLB HEARINGS

Summary:

	PROPOSED DECEMBER 2014	PROPOSED MARCH 2015	PROPOSED MARCH 2016
FLOAT	150' long x 53' wide	150' long x 53' wide	145.5' long x 53' wide
GANGWAY	90' long x 21' wide x 12' high	90' long x 18.3' wide x 8' high	90' long x 16' wide x 6.7' high
ACCESS PIER	96' long x 25' wide	96' long x 21' wide	96' long x 21' wide
LANDSIDE PIER	No change to existing	No change to existing	No change to existing
BELVEDERES	Yes, per BCDC	Yes, per BCDC	Yes, per BCDC
GATE	Roll up doors	Simple swing gate with steel grating	Simple transparent swing gate
COLOR	White, blue	Gray	Gray

Proposed 2016 Project was submitted to the City for consideration then withdrawn by the District

APRIL 2016 - CURRENT

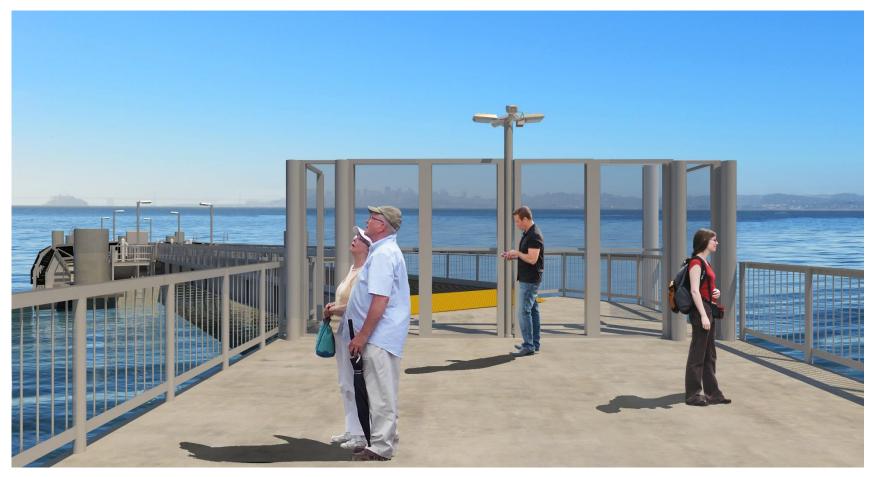
- District continued to answer City's questions about the Project
- City filed a lawsuit against the District in September 2016
- City and the District executed an MOU on July 2017
 - Lawsuit on hold
 - Reduce size of proposed float from 53 feet x 145.5 feet to 49 feet x 144 feet
 - Reduce width of gangway from 16 feet to 12 feet
 - Submit revised plans to City
 - City and District have asked BCDC to remove the belvederes from the Project

2017 – REVISED PROPOSED PROJECT



Changes made in 2017: Reduced width and length of float, reduced width of gangway, reduced float light pole height by 1 foot, added bird safety treatment to gate doors

2017 – REVISED PROPOSED PROJECT



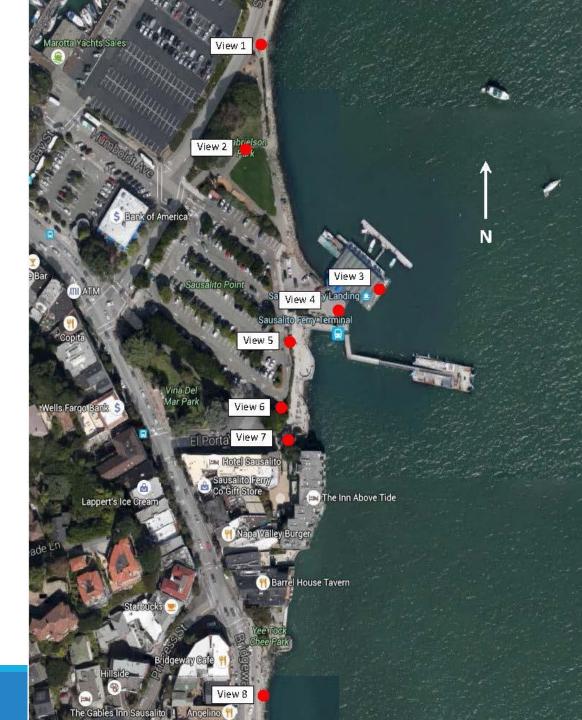
Changes made in 2017: Reduced width and length of float, reduced width of gangway, reduced float light pole height by 1 foot, added bird safety treatment to gate doors

PROJECT REVISIONS SUMMARY

	PROPOSED DECEMBER 2014	PROPOSED MARCH 2015	PROPOSED MARCH 2016	PROPOSED AUGUST 2017
FLOAT	150' long x 53' wide	150' long x 53' wide	145.5' long x 53' wide	144' long × 49' wide
GANGWAY	90' long x 21' wide x 12' high	90' long x 18.3' wide x 8' high	90' long x 16' wide x 6.7' high	90' long x 12' wide x 6.7' high
ACCESS PIER	96' long x 25' wide	96' long x 21' wide	96' long x 21' wide	96' long x 21' wide
LANDSIDE PIER	No change to existing	No change to existing	No change to existing	No change to existing
BELVEDERES	Yes, per BCDC	Yes, per BCDC	Yes, per BCDC	No (pending BCDC)
GATE	Roll up doors	Simple swing gate with steel grating	Simple transparent swing gate	Simple transparent swing gate (with bird safety treatment)
COLOR	White, blue	Gray	Gray	Gray

GUIDE TO RENDERINGS:

View points requested by community



VIEW 1- EXISTING (Edge of Gabrielson Park)



VIEW 1 – PROPOSED (Edge of Gabrielson Park)



VIEW 2 – EXISTING & PROPOSED (Gabrielson Park)



VIEW 3 – EXISTING (Yacht Club) – HIGH TIDE $\approx 6.0'$



VIEW 3 – PROPOSED (Yacht Club) – HIGH TIDE $\approx 6.0'$



VIEW 3 – EXISTING (Yacht Club) – LOW TIDE \approx -0.8'



VIEW 3 – PROPOSED (Yacht Club) – LOW TIDE \approx -0.8'



VIEW 4 – EXISTING (Yacht Club Parking Lot)



VIEW 4 – PROPOSED (Yacht Club Parking Lot) – Without Belvederes



VIEW 5 – EXISTING (Plaza North End)



VIEW 5 – PROPOSED (Plaza North End) – Without Belvederes







VIEW 6 – PROPOSED (Mid Plaza) – Without Belvederes



VIEW 7 – EXISTING (Plaza South End)



VIEW 7 – PROPOSED (Plaza South End)



VIEW 8 – EXISTING (Bridgeway)



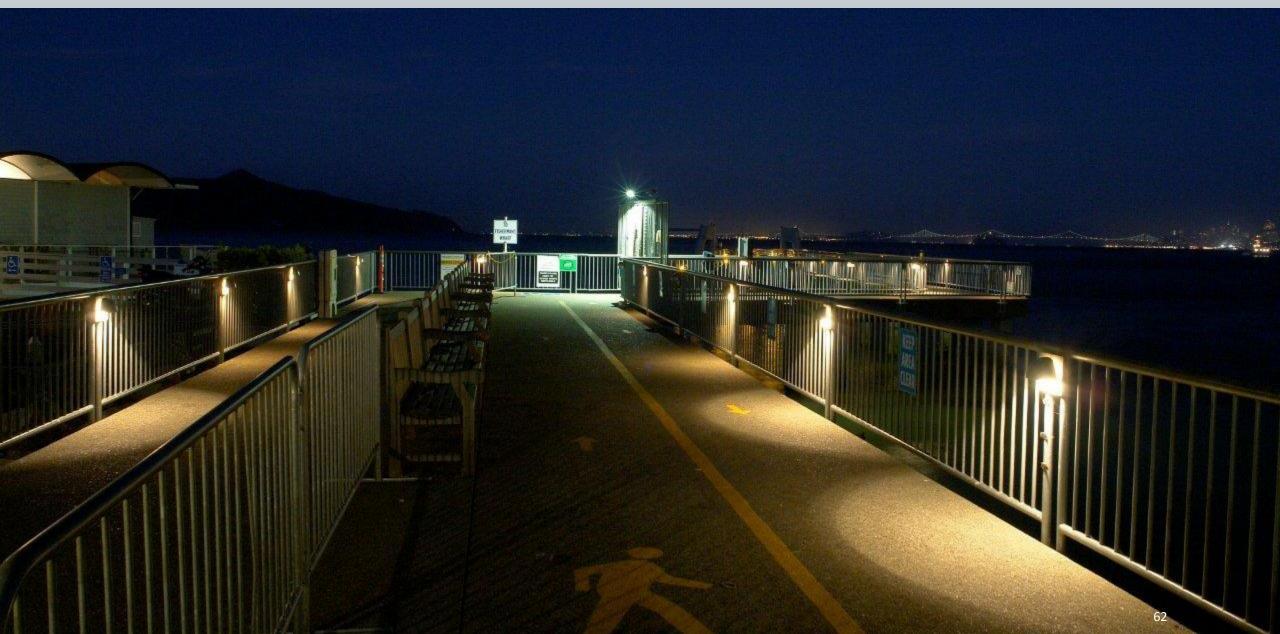
VIEW 8 – PROPOSED (Bridgeway)



LIGHTING - EXISTING



LIGHTING - EXISTING



PROPOSED LIGHTING – EYE LEVEL: DOORS OPEN – WITHOUT BELVEDERES

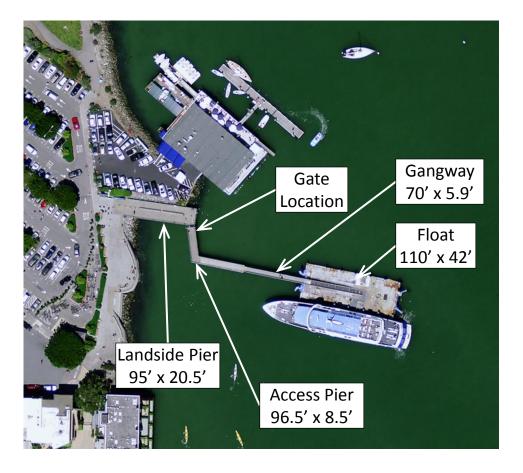


PROPOSED LIGHTING – EYE LEVEL: DOORS CLOSED & LIGHTS OFF – WITHOUT BELVEDERES

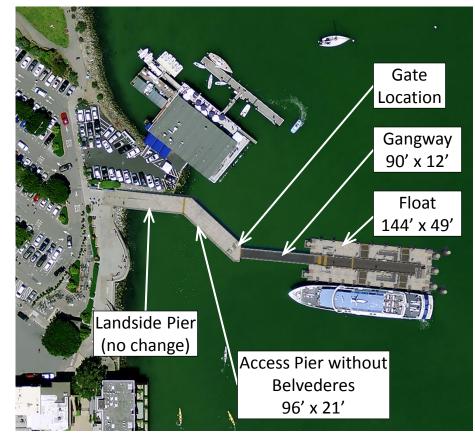


PROPOSED PROJECT SUMMARY

EXISTING



PROPOSED (ACCESS PIER WITHOUT BELVEDERES)



TENTATIVE PROJECT SCHEDULE

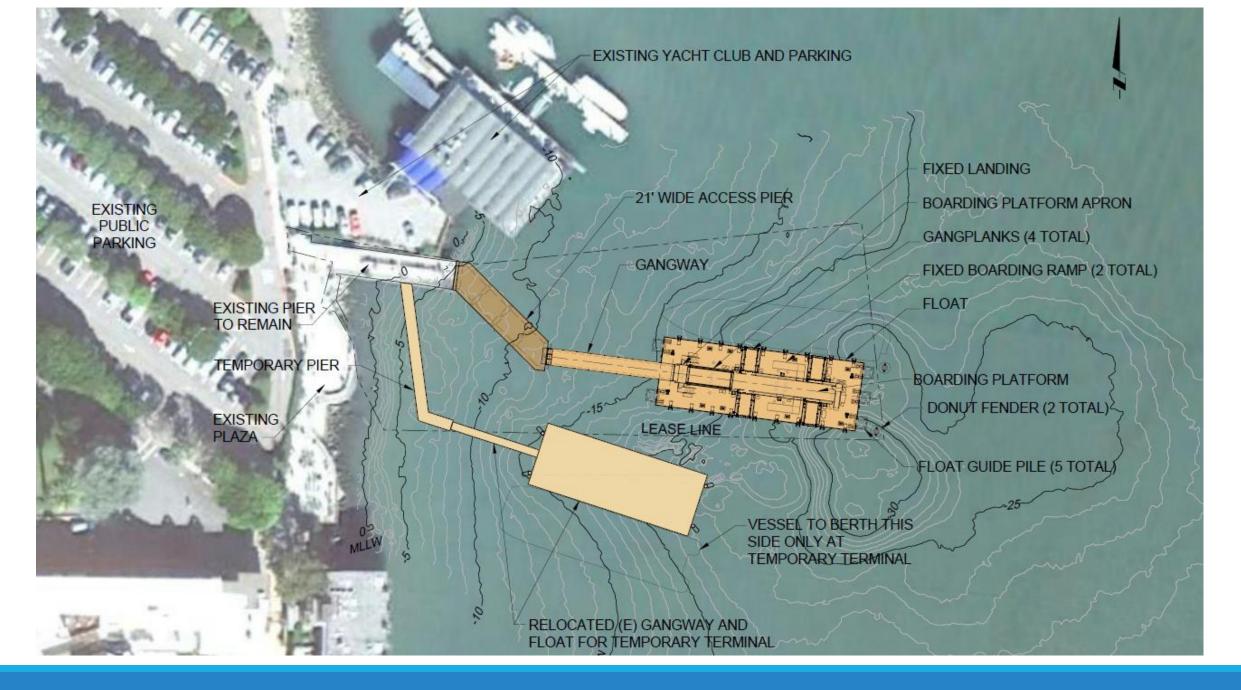
- Assume City Council approves Project September 2017
- Obtain BCDC and Army Corp permits
- Complete design documents Summer 2018
- Advertise Project for Bid Fall 2018
- Award Project to Contractor Winter 2018
- Begin Construction Contract Winter 2018
- End Construction Summer 2020

CONSTRUCTION OVERVIEW

- Contractor will not be using Parking Lot #1 as a staging area.
- Contractor will be responsible to locate and obtain all necessary permits for a construction staging area in the vicinity of the Project
- Most construction will occur from barges adjacent to the ferry landing
- New float and gangway will be built off-site and floated to the site for installation
- Contractor will be required to follow City noise ordinances
- Construction duration ≈ 18 months

CONSTRUCTION SEQUENCE





FERRY OPERATIONS DURING CONSTRUCTION

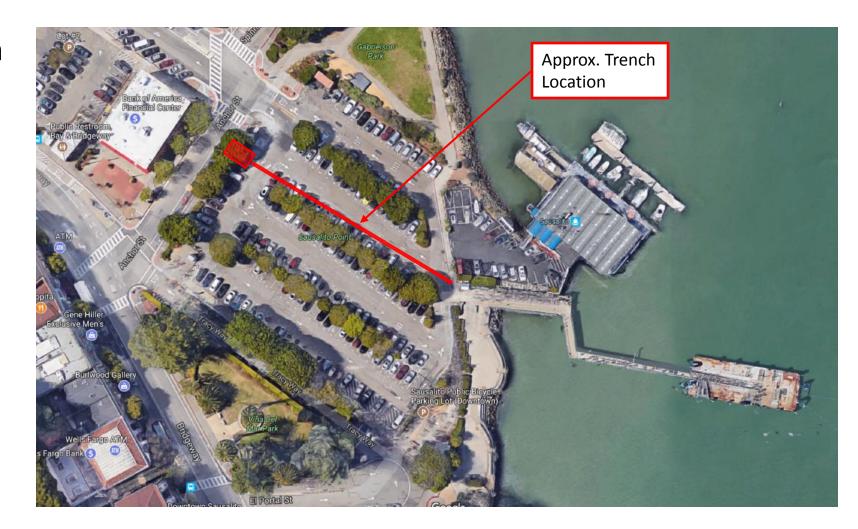
• Ferries are expected to continue operations on normal schedules, except:

- No ferry service when existing gangway and float is moved to temporary position (approx. one week)
- > No ferry service on days when concrete is being pumped from landside trucks
- > A bus bridge will be provided for passengers on days when ferry service is canceled
- Since entrance gate will remain in similar location during construction, no additional crowding is expected on Ferry Plaza
- Contractor will be required to develop Traffic Management Plan
 - City will have opportunity to review and comment

CONSTRUCTION WORK WITHIN PARKING LOT 1

- Will need to dig trench for utilities through Parking Lot 1
 - Duration ≈ a few days

- New PG&E equipment in northwest corner
 - No permanent parking removed



PROPOSED ABOVE GROUND UTILITY CABINETS NEAR PARKING LOT 1



Existing

Proposed

CONSTRUCTION WORK WITHIN PARKING LOT 1

- No parking spaces are proposed to be permanently removed
- Minimal Parking Lot 1 impacts:
 - Handful of days for concrete pour operations
 - Handful of days for utility trenching
 - Handful of days for PG&E equipment installation
- Parking Lot 1 will not be closed

ADDRESSING COMMUNITY CONCERNS



CONCERNS ABOUT LANDSIDE IMPROVEMENTS

- Landside and waterside improvements are both important, while having independent utility
- Under the terms of the 1995 Lease, City controls the landside improvements. The District will work with the City on implementing landside improvements
- District is working to pass-through grant funds to assist with design and construction of City improvements

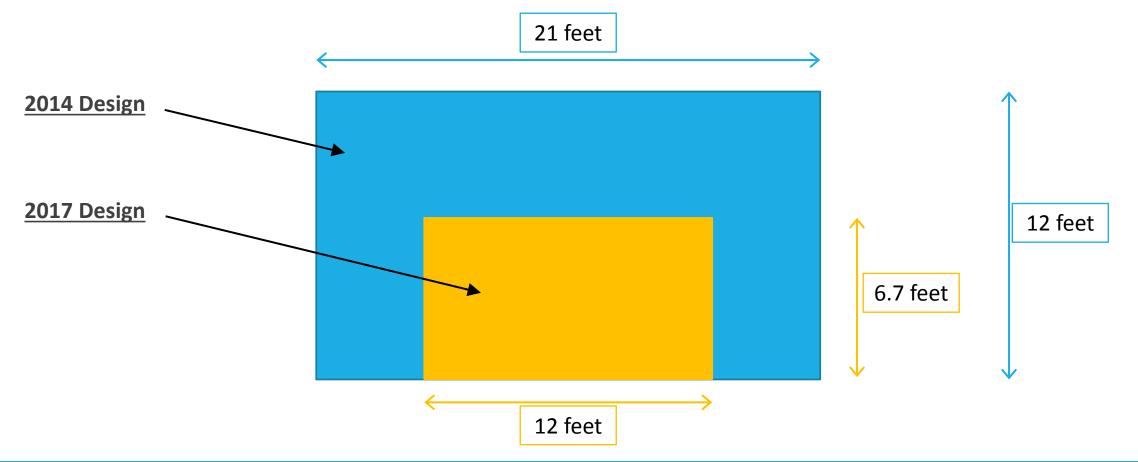
CONCERNS ABOUT PROJECT SIZE

The original Project, as presented in 2014, has been downsized in many significant ways:

- Width of gangway From 21 feet to 12 feet A 42% reduction
- Height of gangway From 12 feet to 6.7 feet A 44% reduction
- Width of access pier From 25 feet to 21 feet
- Length of float From 150 feet to 144 feet
- Visual impact of gate reduced Now simple gate with transparent doors from roll up gate

CONCERNS ABOUT PROJECT SIZE

• Gangway cross sectional view of changes



CONCERNS ABOUT BELVEDERES

- BCDC requested belvederes in order to increase public access
- The District agrees with the City that the belvederes should be dropped from the Project
- The District and the City have jointly asked BCDC to delete them and are jointly proposing alternative public access enhancements
 - Discussions are ongoing with BCDC

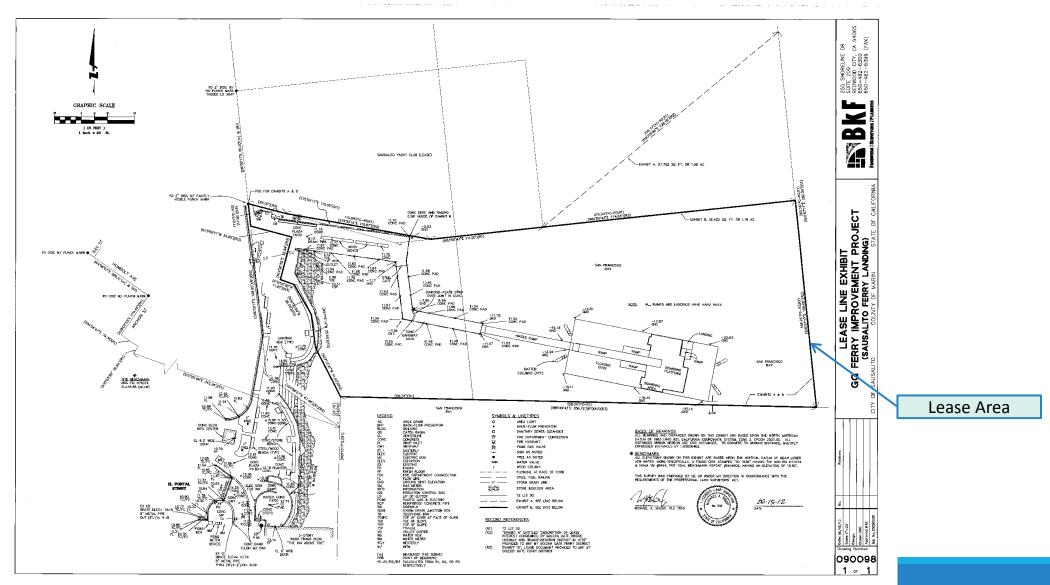
CONCERNS ABOUT BELVEDERES



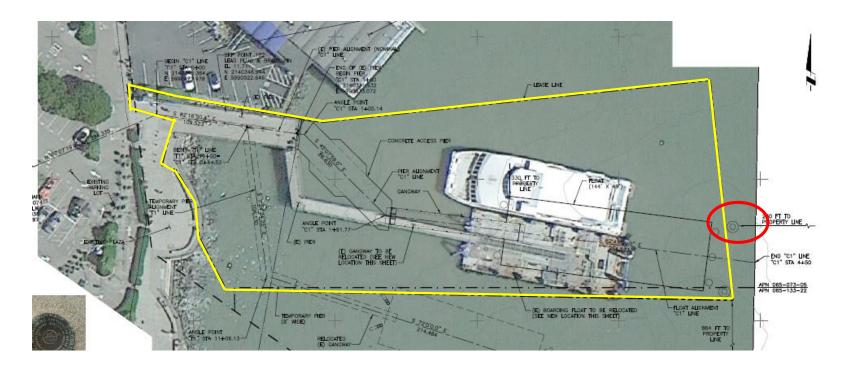
WITH BELVEDERES

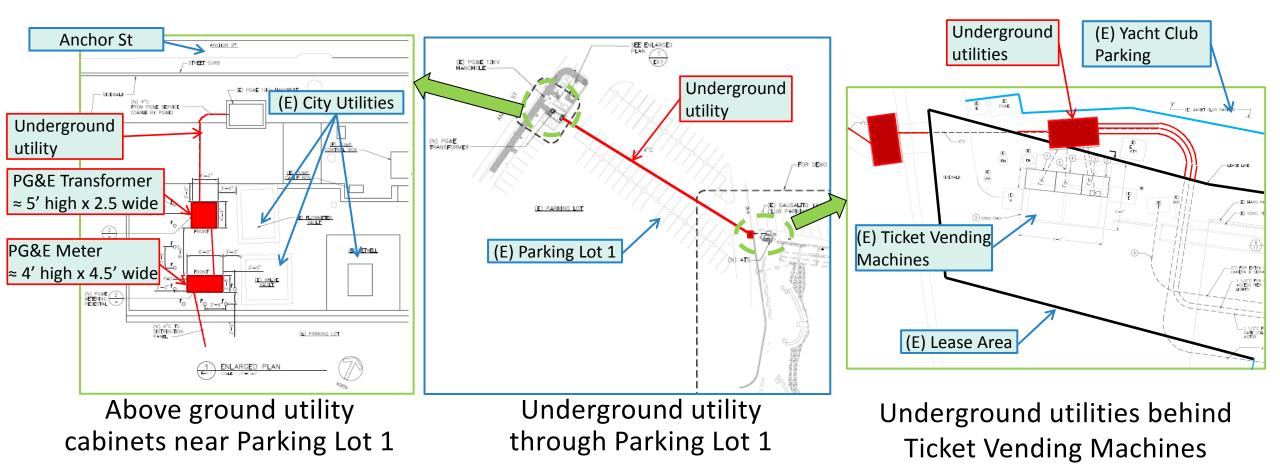


WITHOUT BELVEDERES



- Permanent Project involves the location of a single piling, underground utilities, and utility cabinets outside of the lease area.
- Permission will be sought from the City for these facilities and for temporary facilities.





Proposed above ground utility cabinets near Parking Lot 1



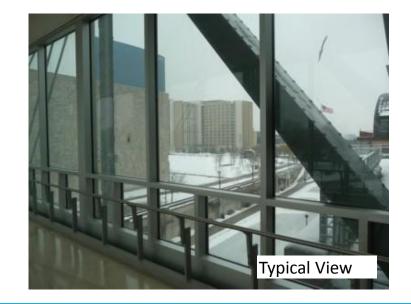
Existing

Proposed

CONCERNS ABOUT BIRDS AT TRANSPARENT DOORS

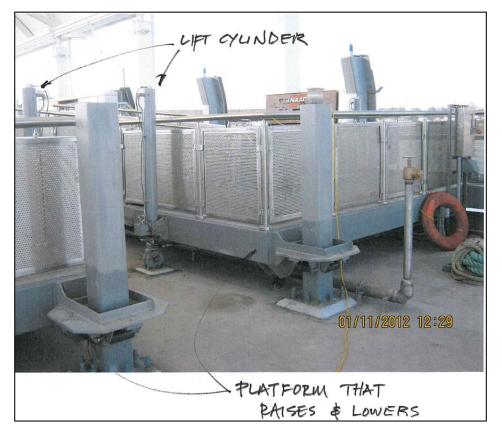
- During the PC/HLB 2016 meetings, a suggestion was made to add safety features into the transparent doors at the gate to prevent birds flying into them
- Many options for bird-safe glass
- District is open to suggestions from the City

• Example..... Fritted Glass:





- Existing hydraulic systems at South San Francisco Ferry Terminal
 - Similar boarding platform proposed for Sausalito



WETA's South San Francisco Ferry Terminal – Hydraulic Platform



WETA's South San Francisco Ferry Terminal – Hydraulics Cabinet

- The largest source of noise is expected to be the piston pumps
- Currently, the proposed pump is an Eaton model PVM045

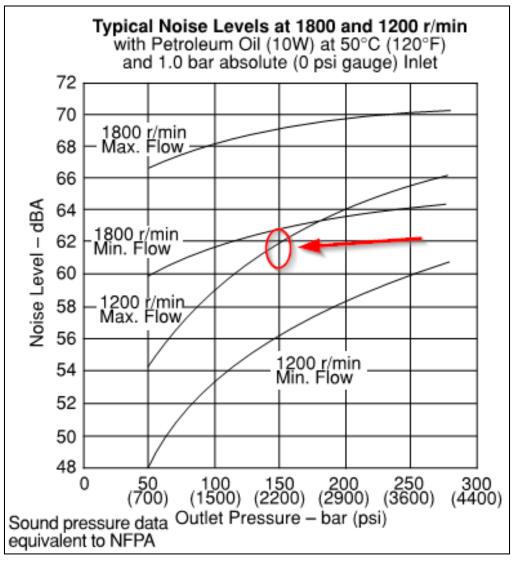




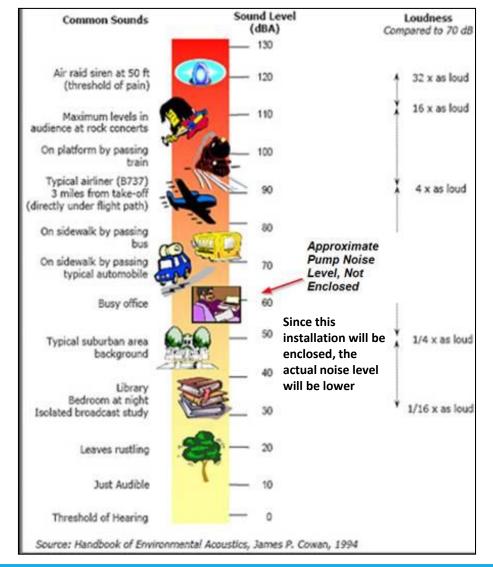


Powering Business Worldwide

- Noise level based on expected performance
- Chart shows manufacturer's noise data for this pump
 - Using a 6 pole motor at 1200 rpm
 - Running at relatively low hydraulic pressures, 2000 psi



- In the final detailed design, the designer will mitigate and reduce noise from the pump by:
 - isolating the pump/motor group from its support frame with rubber isolations
 - adding sound deadening material to the enclosure
- Hydraulics operated when ferries arrive and depart during normal service hours



CONCERNS ABOUT THE YACHT CLUB

 Proposed ferry location will be similar to existing location



CLEARANCE PLAN

CONCERNS ABOUT THE YACHT CLUB

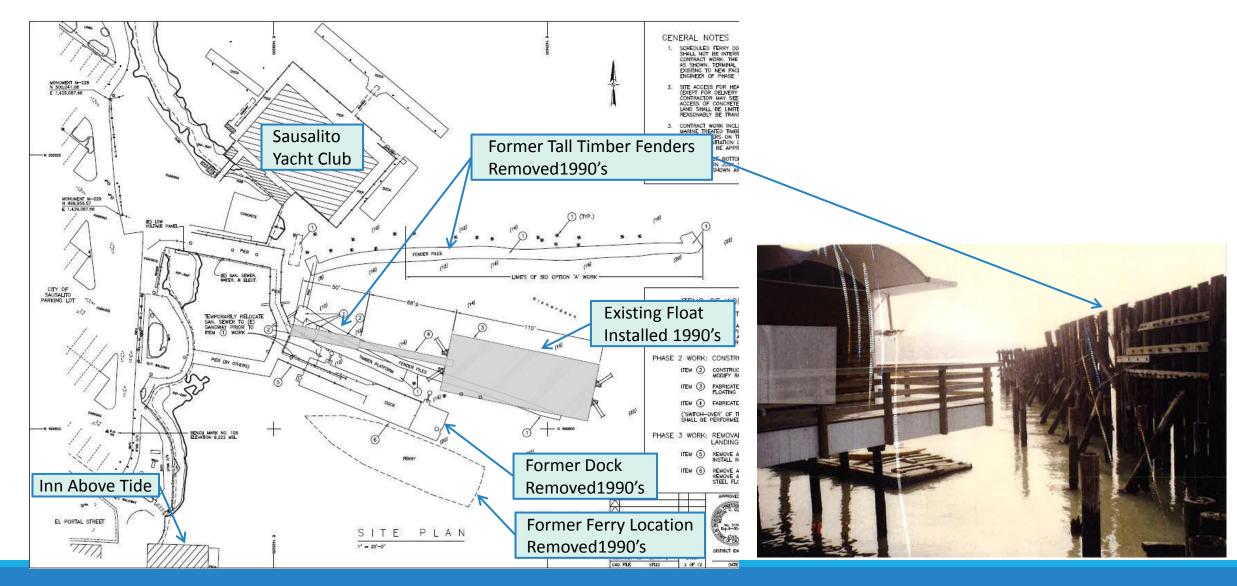
- Reduced height of gangway provides improved views
- Highest proposed pile is only 6" taller than existing piles





Proposed

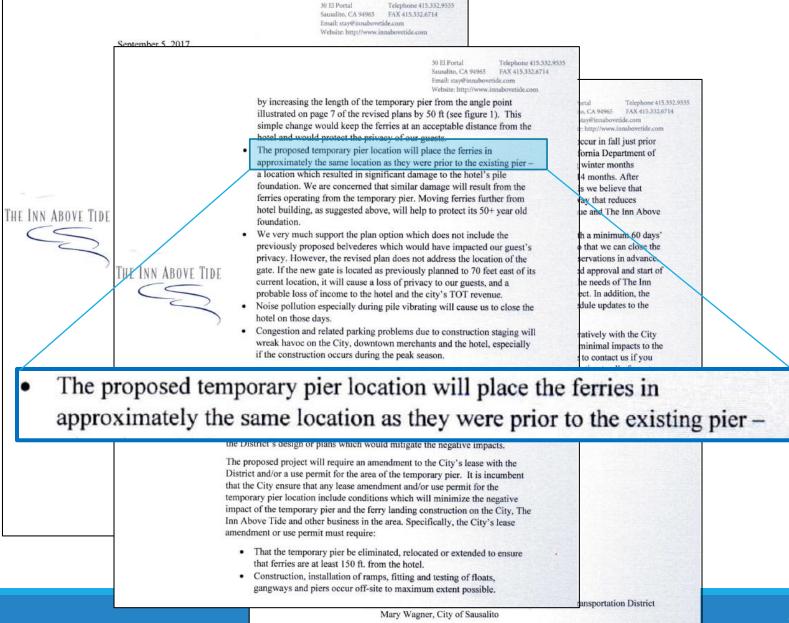
CONCERNS ABOUT THE YACHT CLUB



CONCERNS ABOUT THE INN ABOVE TIDE

 Temporary ferry terminal located in approximately same location as previous ferry terminal (prior to 1995)

 Temporary ferry terminal location and over-water-area has been environmentally cleared



CONCERNS ABOUT THE INN ABOVE TIDE

 In 1992, The Inn Above Tide received compensation and waved rights to future claims regarding ferry boat wakes and locations

RECORDING REQUESTED AND WHEN RECORDED MAIL TO:

HANSON, BRIDGETT, MARCUS, VLAHOS & RUDY 333 Market Street, Suite 2300 San Francisco, California 94105-217 Attention: Stephen B. Peck Recorded Official Records County of MARIN JAMES DAL BON Recorder 1:30pm 25-Jan-93 14.00

XX

SPACE ABOVE THIS LINE IS FOR RECORDER'S USE

This instrument is exempt from recording fees (Gov. Code, §27383).

MEMORANDUM OF AGREEMENT

THIS MEMORANDUM OF AGREEMENT (this "Memorandum") is entered into as of the 21st day of December, 1992, by WILLIAM H. McDEVITT ("McDevitt") and the GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT ("District").

RECITALS

A. As of December 21, 1992, McDevitt and the District entered into a Settlement Agreement and Release ("Agreement") containing terms which touch and concern property owned by McDevitt, located at 30 El Portal, Sausalito, California, as more particularly described in Exhibit 1 hereto (the "Property"). The Property is located adjacent to the District's Sausalito ferry terminal.

B. McDevitt and the District now desire to execute this Memorandum for purposes of providing record notice of certain terms in the Settlement Agreement and Release which inure to the benefit of the District, its successors and assigns, and the District's Sausalito ferry service, which are binding upon McDevitt, his personal representatives, heirs, successors and assigns, his successors and assigns of the Property, and which run with and burden the Property.

AGREEMENT

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

1. <u>Covenants Not to Sue, to Release of Future Claims</u> for Erosion Damage, and to Inspect, <u>Maintain and Repair the</u> <u>Property Are Binding on Future Owners</u>. McDevitt and the District

84454.1

16.15

 Visual impact of gate reduced – From rollup gate to simple gate with transparent doors with bird safe treatment





2014 Design

2017 Design

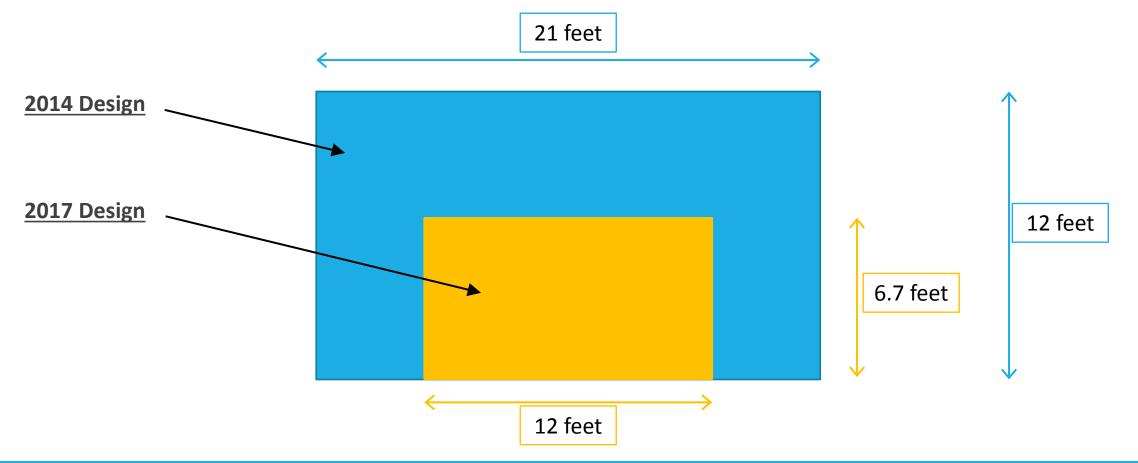
- Width of gangway From 21 feet to 12 feet 42% reduction
- Height of gangway From 12 feet to 6.7 feet 44% reduction
- Width of access pier From 25 feet to 21 feet
- Length of float From 150 feet to 144 feet



2014 Design

2017 Design

• Gangway cross sectional view of changes





Existing

Proposed

SAUSALITO FERRY TERMINAL DESIGN

Creating a better tomorrow, together.



