

WELCOME

What is happening?

The Vancouver Board of Parks and Recreation is working in partnership with CMHC and False Creek Community Association to replace the aging Alder Bay dock.

The goal is to provide a new non-motorized boat launch that is suitable for users of all ages and abilities. We are collaborating with engineers, landscape architects, user groups, and stakeholders to design a new dock that will support a wide range of users, programs, and boat types. The estimated cost to replace the dock is \$2 to 3 million, some of the funding needed for the project may be considered in the next Capital Plan 2019–2022.

Thank you for taking the time to review the conceptual design, your input will assist with developing the final design. We look forward to hearing your feedback!



Goals for today

- Show you what we've learned so far.
- Ask us questions - speak with staff and the consulting engineer here today.
- Tell us your thoughts about the conceptual design - fill out the questionnaire today or online at: vancouver.ca/alderbay-dock by July 31, 2018.



Context Plan

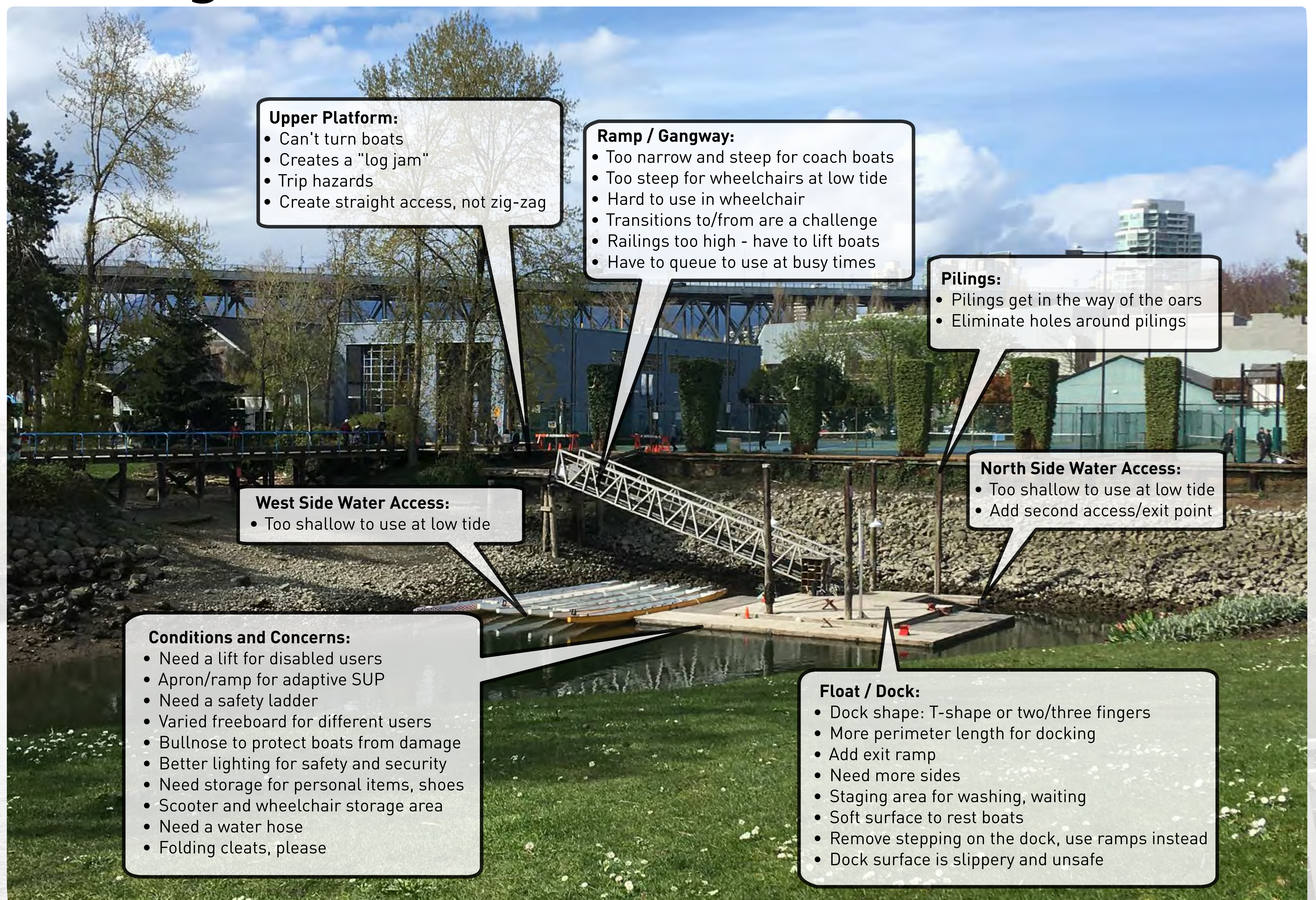
THE EXISTING DOCK

What have we heard so far?

To ensure that the new dock meets the needs of the users, the Vancouver Park Board held two workshops with dock users, including representatives from False Creek Community Association, False Creek Racing Canoe Club, MS Off Balance Dragon Boat Team, False Creek Rowing Club, and Ecomarine Paddling Centre.

During the workshops, the users provided a summary of challenges that they face when using the existing dock, developed a vision and design objectives, and provided input into preliminary design options for the new dock.

Existing conditions and feedback:



WHAT IS GUIDING THE NEW DESIGN?

Vision

“Alder Bay Dock is a public gateway to Canada's most accessible waterway: False Creek. It is inclusive of users of all ages, abilities, and skills.”

Dock design objectives

Safe: meets marine safety standards; incorporates non-slip surfaces, emergency ladder, signage, lighting.

Accessible: comfortable access to and from the water for all.

Functional: sized for current and future programs and participation; layout reduces congestion and improves ease of entry and exit.

Durable: constructed of long-lasting building materials to reduce maintenance requirements.

Expandable: flexible design, potential to add a 3rd finger to the float / dock in the future.

Environmentally-sensitive: all works within the marine environment to follow Provincial, Federal, and Industry Best Management Practices.

Varied
freeboard
heights

Improved ramp
access for
transport of
boats

Access
to deeper
water

Efficient use of
perimeter for
docking and access

Improved access
for limited
mobility users

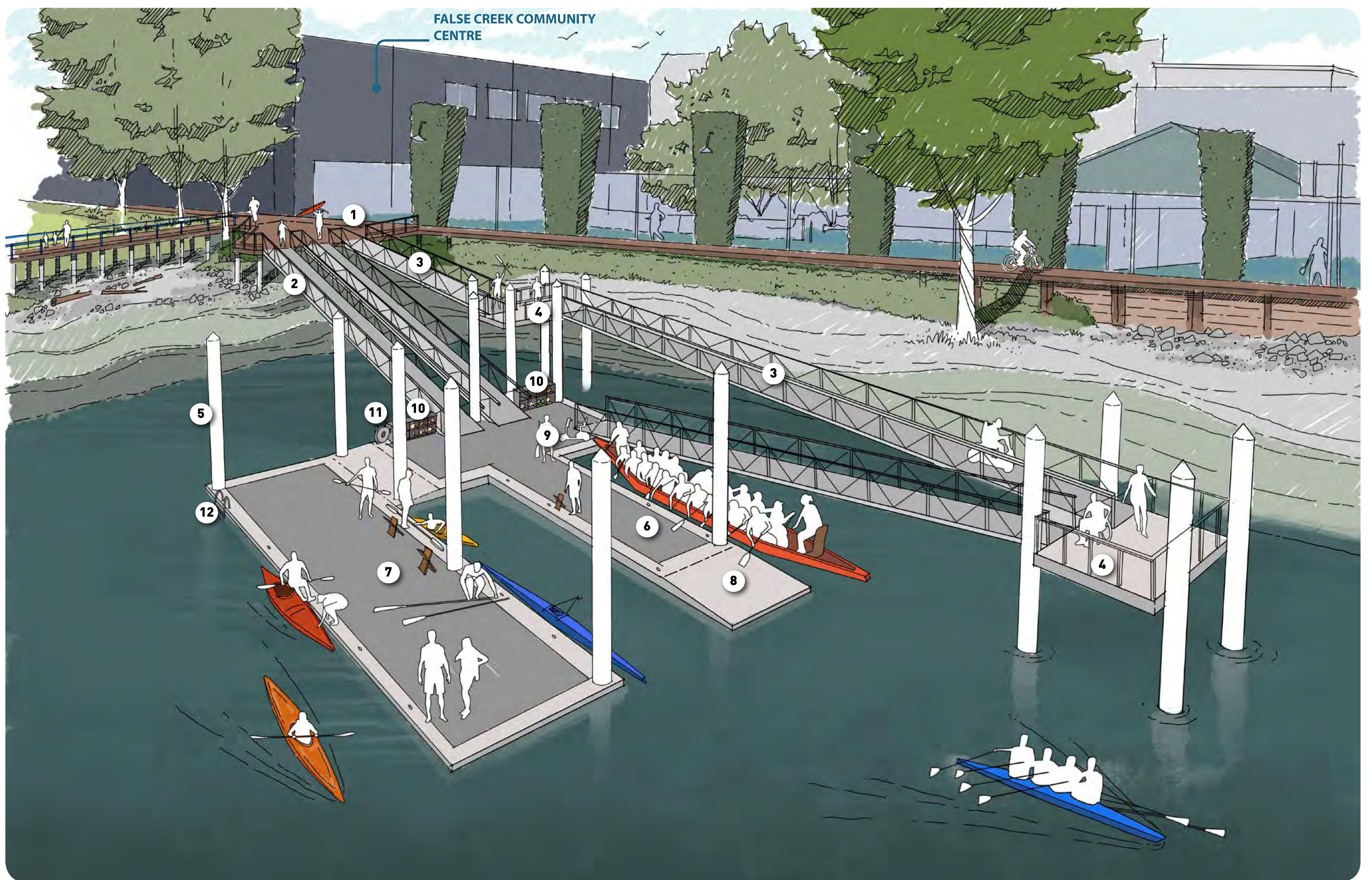
Vancouver Park Board staff are currently working together to develop strategies and actions to enhance public use and access to non-motorized watercraft opportunities, including priority projects such as the Alder Bay Dock Replacement.

THE PROPOSED NEW DOCK

The dock design supports safe, comfortable access to and from the water for all.

Key design features:

- Two times more space on the upper platform for queuing. **1**
- Two ramps/gangways, relieving congestion at busy times. **2**
- Fully accessible scissor ramp, improving access for paddlers and rowers who use wheelchairs and scooters. **3**
- Two concrete float/dock fingers with different freeboard heights (distance between water surface and dock surface), easing loading. **6** **7**
- Piling locations maximize float/dock edges, increasing loading room. **5**
- Tapered float/dock for launching coach boat and adaptable stand-up paddle boards (SUP). **8**
- Float/dock is 55% larger, increasing access to the water.
- Safety features include non-slip surfacing, ladder, efficient lighting.



Conceptual Design - Perspective View

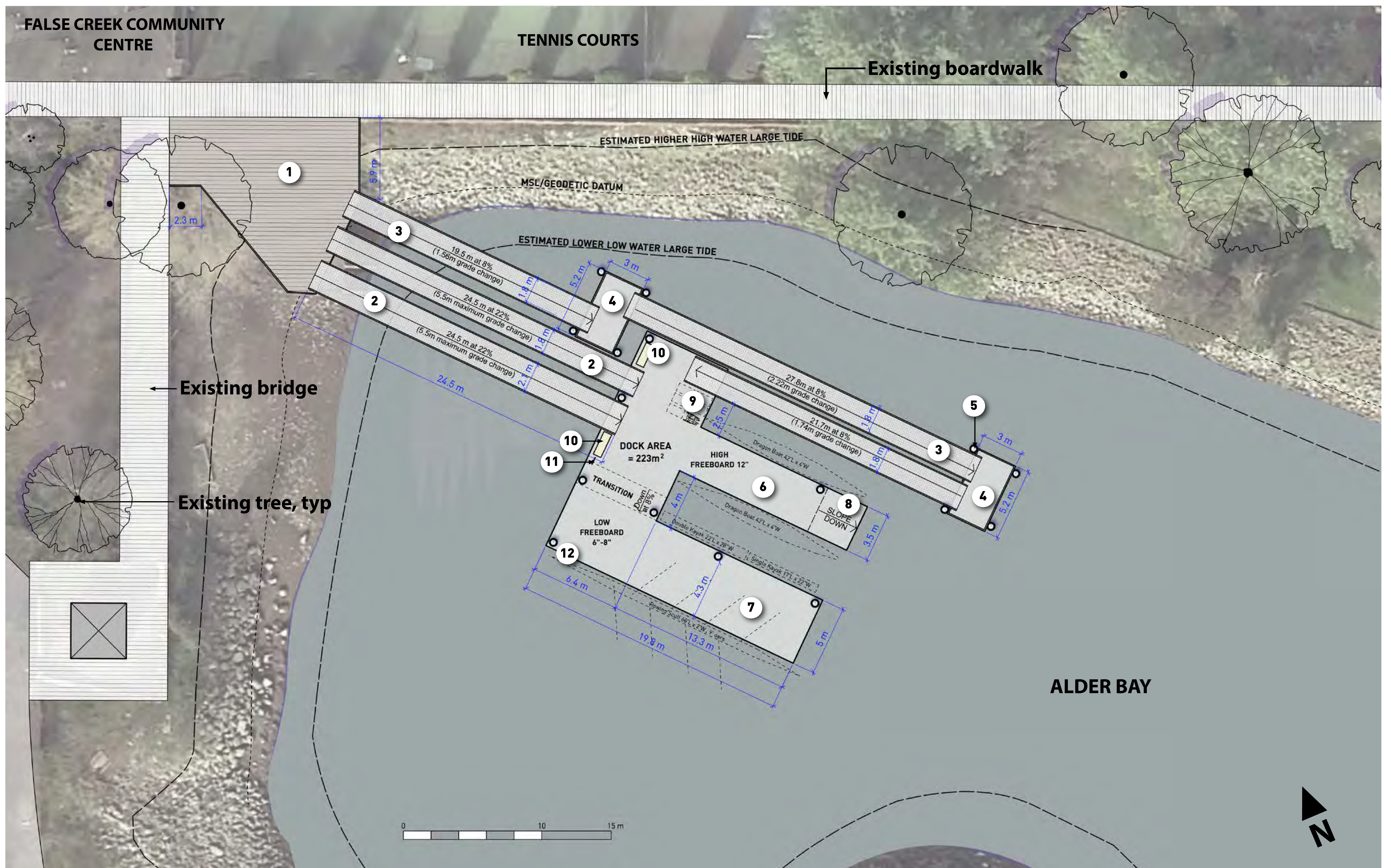
Legend

- | | | |
|---|--|---|
| 1 Expanded upper platform (timber) | 6 High freeboard finger (12" high) | 9 Designated wheelchair storage area (six spaces) |
| 2 Gangway (aluminum) | 7 Low freeboard finger (6-8" high) | 10 Storage cubby for personal items while on water |
| 3 Accessible ramp gangway | 8 Tapered float / dock for launching coach boat and adaptive stand-up paddle boards (SUP) | 11 Hose for washing down boats |
| 4 Ramp landing | | 12 Safety ladder |
| 5 Piling (steel) | | |

THE PROPOSED NEW DOCK

Here is an overhead view of the dock with the key features identified.

- 1 Expanded upper platform (timber)
- 2 Gangway (aluminum)
- 3 Accessible ramp gangway
- 4 Ramp landing
- 5 Piling (steel)
- 6 High freeboard finger (12" high)
- 7 Low freeboard finger (6-8" high)
- 8 Tapered float / dock for launching coach boat and adaptive stand-up paddle boards (SUP)
- 9 Designated wheelchair storage area (six spaces)
- 10 Storage cubby for personal items while on water
- 11 Hose for washing down boats
- 12 Safety ladder



Conceptual Design - Plan View

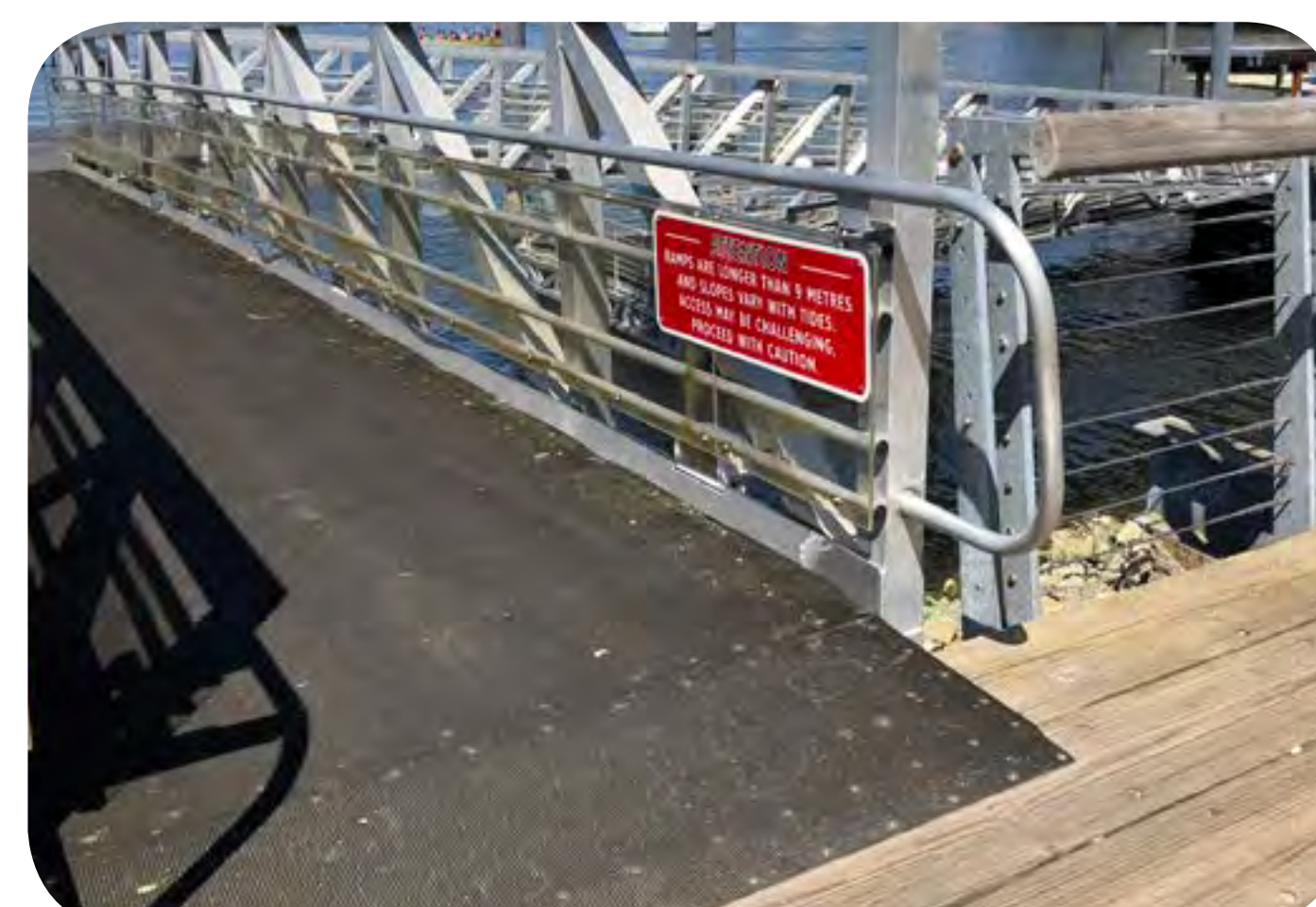
Examples



Concrete dock / float with soft surfacing (low and high freeboard)



Tapered concrete dock / float



Accessible ramp transition and surfacing



Accessible ramp landings