

Waterfront Construction, Inc.
Project Description & Construction Sequence
Newton, Stephen – Pier re-surfacing

A. Project Location

The project site is located at 5045 Forest Ave SE, WA 98040. The project lot size is 178,017 s/f. The property is situated in the NE Quarter of Section 24, Township 24, Range 04 at 47.5568 N Latitude and - 122.230* W Longitude. Tax lot# 2424049035.

B. Project Description

The project is located at a single-family residence with a personal use pier. Replace the existing 738.2 sf .solid wood decking with 738.2 sf of SunWalk grated decking with 40% open area to allow proper light transmittal. Existing 4x8” timber stringers, 6x8” timber cap beams to remain. Install additional 4x8” stringers to meet load requirements for new grating, using stainless steel deck screws. Construction debris will be disposed of in an approved upland facility. Mitigation will be determined through agency review.

C. Construction Technique & Sequencing

1. Pre-Fabrication

All construction materials will be loaded onto the crane barge in the contractor’s Seattle yard and transported to the site for installation.

2. Site Preparation

The site requires no preparation prior to construction.

3. Onsite Construction

- The proposed grated dock panels to be transported from the contractor’s Seattle yard to the site via barge.
- Remove existing solid timber decking. Load into debris containers for upland disposal.
- Install additional stringers to meet load requirements for new grating.
- Install 96 s/f fully-grated platform lift.
- Re-install retained accessories per plan set.
- Collect construction debris and place on barge for upland disposal.
- Mobilize to WCI Seattle yard.
- See attached plans for reference.

4. Equipment used

All construction equipment and materials used in this project will be stationed on the construction barge.

5. Materials used

Materials used during construction will consist of SunWalk molded plastic grated decking, ACZA-treated timber, and stainless steel hardware.

6. Work Corridor

The construction barge will operate offshore to avoid bottom and shoreline disturbances that could occur with ground-based equipment. All staging will take place on the barge.

7. Staging Area

The barge will hold all construction materials during the project and all construction debris will be held in a 20 c/y steel debris container that is secured on the barge for upland disposal later.

8. Running of Equipment During Construction

Equipment will be running off and on during the construction phase, only when required, and only during allowed work hours.

9. Clean-Up

All construction debris will be removed and loaded into a 20 c/y steel debris container secured on the construction barge during construction. Debris is then transported by barge to the contractor's Seattle yard, off-loaded, and shipped to an approved upland disposal site.

10. Project Timing

All proposed construction will take place during daylight hours in approved work windows.

11. Duration of Construction

On site construction will take between two to three weeks.