

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.

This project is routine maintenance as defined by WAC 173-27-040(2)(b) and exempt from shoreline permit.

Normal maintenance or repair of existing **structures** or developments, including damage by accident, fire or elements. "Normal maintenance" includes those usual acts to prevent a decline, lapse, or cessation from a lawfully established condition. "Normal repair" means to restore a development to a state comparable to its original condition, including but not limited to its size, shape, configuration, location and external appearance, within a reasonable period after decay or partial destruction, except where repair causes substantial adverse effects to shoreline resource or environment. Replacement of a structure or development may be authorized as repair where such replacement is the common method of repair for the type of structure or development and the replacement structure or development is comparable to the original structure or development including but not limited to its size, shape, configuration, location and external appearance and the replacement does not cause substantial adverse effects to shoreline resources or environment.

1. The surface decking boards currently installed on the fixed dock are in decline.
2. Normal "repair" is being request using replacement.
 - a. Propose to install grated plastic composite decking panels with 43% light transference.
 - b. Add only the needed stringers to support the proposed grated decking.
3. NO change in size, shape, or location of the existing pier is being proposed.
4. NO change or repair is being proposed to the piers bearing piles.

This project is exempt from SEPA – categorical exemption

(3) Repair, remodeling and maintenance activities. The following activities shall be categorically exempt: The repair, remodeling, maintenance, or minor alteration of existing private or public structures, facilities or equipment, including utilities, recreation, and transportation facilities involving no material expansions or changes in use beyond that previously existing; except that, where undertaken wholly or in part on lands covered by water, only minor repair or replacement of structures may be exempt (examples

include repair or replacement of piling, ramps, floats, or mooring buoys, or minor repair, alteration, or maintenance of docks).

1. Repair of a dock.

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 dock panels.
- 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 two weeks.

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1 844 478 6925

info@sunwalkdocks.com

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SunWalk™ 45 Series – The original bi-directional dock surface panel.

SunWalk™ 45 Series is the original and best decking surface option that integrates the most consistent design aesthetic on directional changes. Engineered for your leisure dock this tough and beautiful decking will look great for years to come.



We know how you use your dock – boating, swimming, fishing, sunning and relaxing. We designed our surfaces to keep you doing more of those things and less maintenance and repair to your dock! Your leisure time is priceless, work less and enjoy more with SunWalk™!

Feature Benefits

- **Maintenance Free** – No Painting, Staining, insects, splinters or rot, just enjoy your dock.
- **Looks Great** – Clean lines and uniform design, your dock will continue to look like new.
- **Safe** – Dry & foot-friendly integrated non-slip surface.
- **Easy Installation** – Larger panel sizes mean less decking time and effort, uses less than half the fasteners of regular deck boards.
- **Cool** – Hot sun won't raise the temp of your decking, stay barefoot and comfy.
- **Strength** – Solid underfoot and proven strength in more than a decade of applications.
- **Durability** – UV protected and two levels of impact resistance.
- **Environmental Chops** – Grated surface for sunlight transmission, enjoy nature without damaging it.

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- **Storm Resistant** – More open also means less hydraulic uplift from storm waves, surge and high-water.
- **Quality** – Consistent size, unmatched flatness & reliable performance.

45 SERIES PRODUCT INFO SHEET DOWNLOAD

Help Me Choose between SunWalk™ 45 Glass-Filled and SunWalk™ 45 High-Impact

Both panels are an excellent choice for your dock, but we understand that different applications have different needs. **SunWalk™ 45 Glass-Filled** is the stiffer of the two options offering a more solid feel underfoot due to the addition of fiberglass into the **microcellular core** of the product. While this addition comes at a cost some people prefer the stiffer feel.

SunWalk™ 45 High-Impact is an application of our micro-cellular core technology with no fibre reinforcement, this results in a slightly reduced stiffness and feel but increases in its ability to withstand impact and a slight reduction in cost.

SunWalk™ 45 Series Glass-Filled	Panel Size		Span	Weight	Open Area
	Width	Length			
45 Series GF – 3648	36"	48"	16"	19.0 lbs	43%
45 Series GF – 4848	48"	48"	16"	25.2 lbs	43%
45 Series GF – 6048	60"	48"	16"	32.9 lbs	43%

SunWalk™ 45 Series High-Impact	Panel Size		Span	Weight	Open Area
	Width	Length			