

# Research, Preparation and Work Completed Porch and Piers Project:

108 20<sup>th</sup> Ave SW Olympia WA 98501 Spring 2020

## *Background*

- Ongoing travel to cities with historic neighborhoods that have Craftsman Bungalow homes: Seattle, Portland, Tacoma, Bellingham, Centralia, Astoria, Minneapolis, Boulder, Denver, and multiple cities in Southern California
- Repeatedly toured houses within walking distance for examples of stonework
- Researched authentic period Craftsman Bungalow porch columns (piers)
- Subscribed to *American Bungalow* magazine for 2 years
- Purchased and referenced books such as Bungalow Style by Treena Crochet and In the Greene and Greene Style by Darrel Peart
- Borrowed numerous library books on Craftsman Bungalow homes throughout the past 7 years
- Purchased the home at 108 20<sup>th</sup> Ave SW, specifically because of its authentic period Craftsman style (e.g. original small pane wavy glass windows)
- Homeowner has 10 years professional experience in house carpentry and completed a degree at the Northwest School of Wooden Boatbuilding in Port Townsend, WA

## *Building Preparation*

- Documented the original specifications (height, width and tapered angles) and created plans to replicate measurements
- Poured concrete pads adequate to support stonework
- Examined condition of posts and joists to verify integrity
- Built framework to maintain original size, shape and angles
- Duplicated plans for replacing porch railing to exact specifications
- Rented a truck and trailer for rock collection at a quarry in Orting, WA
- Purchased 3.15 tons of local river rock

## *Work Completed*

- Built porch railing to exact design and specifications to original
- Constructed piers using Type S mortar and local river rock to match existing dimensions

## *Total Labor Estimated*

- 260 hours invested