CASE STUDY

Port of Longview
Willow Grove Boat Launch

LONGVIEW, WASHINGTON

APPLICATION: PORTS AND MARINAS

Pacific Netting Products designed and manufactured 31 floating HDPE dock sections consisting of multiple designs to accommodate existing anchor points. The dock's pontoon floats consisted of 20" diameter Class 100 HDPE. Additional safety was achieved by installing polystyrene billets within the interior of the pontoons prior to end cap installation. The pontoons were connected and reinforced using four cross pontoons. To secure the galvanized steel dock frame to the pontoons, PNP utilized fusion-welded computer numerical control (CNC)-machined HDPE beam blocks along the top of each pontoon. Fiberglass-reinforced plastic was secured to the structure to provide a non-slip working surface. Dock sections were connected using hinged appurtenances and PNP's signature series barrel style with ultra-high molecular weight (UHMW) bushing for superior smooth, quiet, and long-lasting performance.

INSTALLATION FEATURES

- Designed for grounding and varying tide fluctuations
- Galvanized steel top deck frame and bull rail
- Custom pile pockets and hinges
- 100% watertight for a 50-year service life
- Resistant to UV and biological growth
- HDPE foam-filled pontoons