



To whom it may concern,

The scope of work for this project can be summarized into two services, soil void-fill and drainage. Combining these two services will extend the lifetime of the structure by eliminating hydrostatic pressure, caused by future (and existing) water build-up from behind the wall. Hydrostatic pressure comes from water seeping in through the soils and creating pressure against the wall, causing the wall to lean, crack, and eventually undermine soils from underneath the wall during low tide. Failure to drain water pressure is the #1 cause of wall failure.

#### **Void Fill**

The soils behind the wall (landside) are void filled with SWRP1 Poly Resin, an environmentally safe product that preserves the property behind it, permanently stabilizing the wall and filling any voids cause by the existing improper drainage. Any existing cracks in the wall will be filled with the SWRP1 materials during the install process stopping the leaks. **(SW-RP1)**

#### **Drainage**

Install Jet Filter Drain System. This product is a maintainable drainage and erosion control unit that mounts flush into existing concrete seawall or bulkheads. The Jet Filer relieves hydrostatic water pressure while preventing loss of soil and backfill materials. These systems are installed at the Ordinary-High-Water-Mark (OHWM), draining ground water, seasonal rain, and the water that has splashed over the wall during high or king tides. The Jet Filter System is maintainable, allowing the filter-insert to be removed so any soils or debris can be cleared from the drain opening. **(JET FILTER)**

Please let us know if you have further questions regarding our services above.

Thank you,

**Ram Jack West**  
Foundation Solutions