

Figure 1. Location of the Port Navigation Facility shore ramp and vicinity.

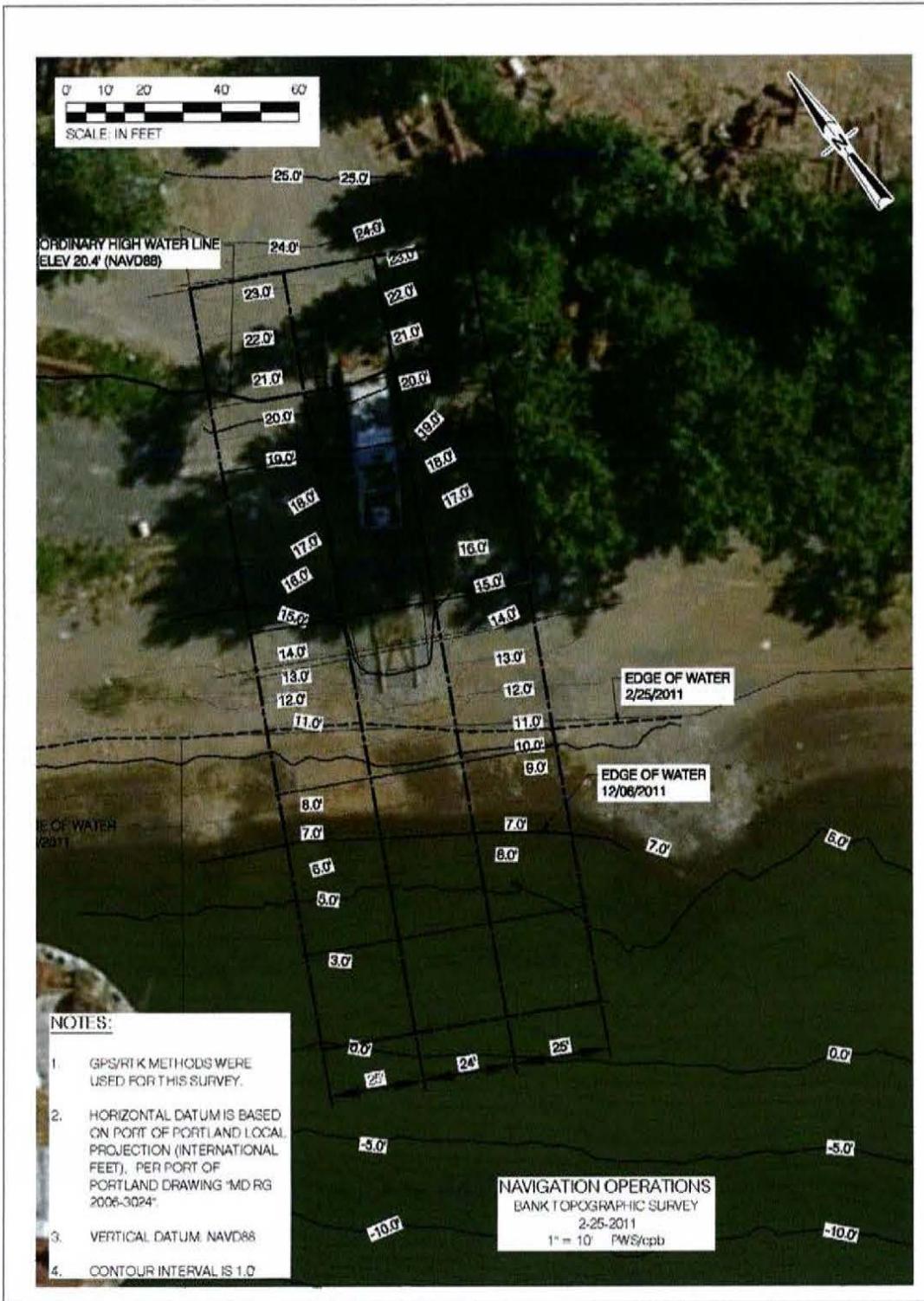


Figure 2. Plan view drawing of the proposed Port Navigation Shore Ramp Project.

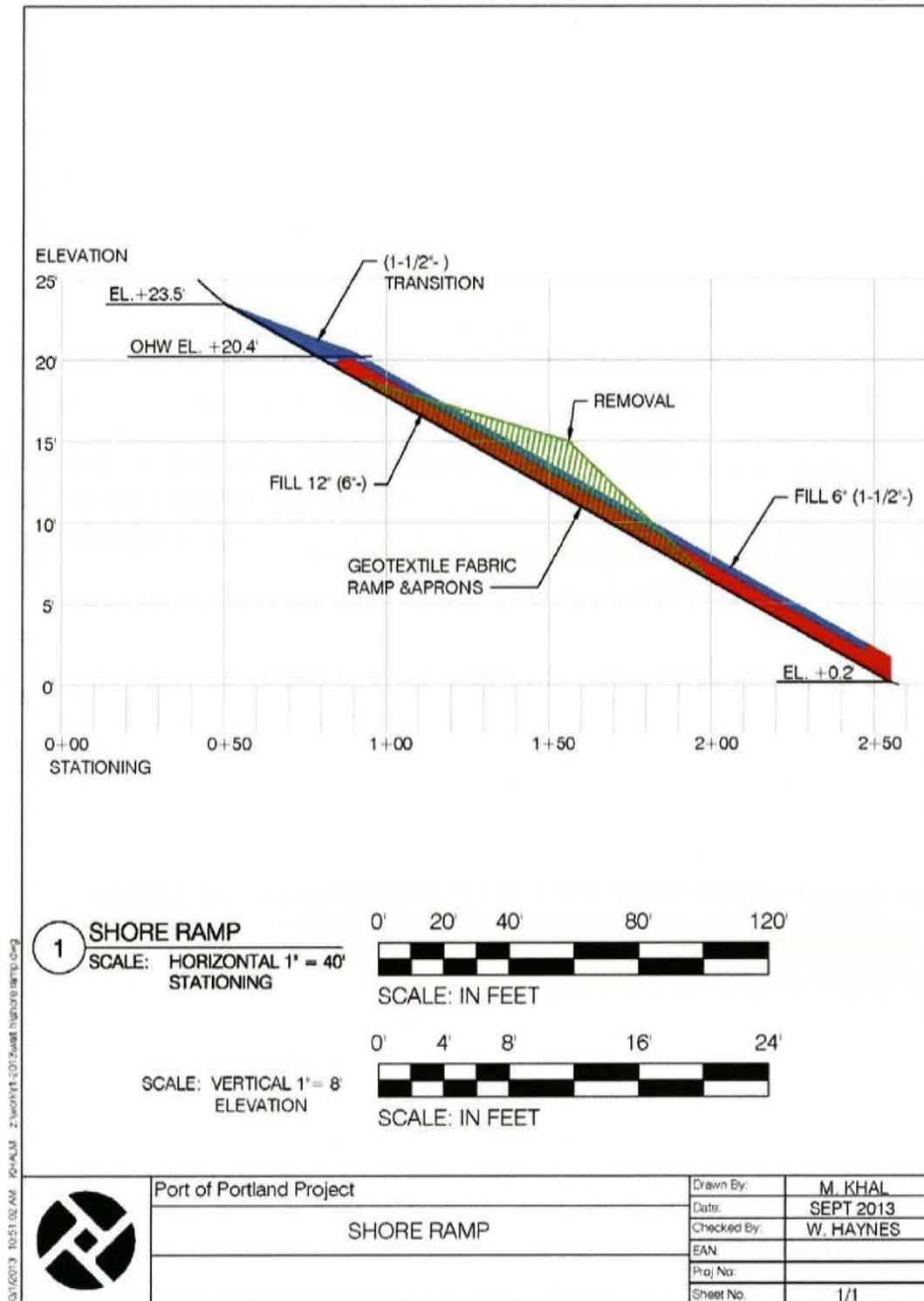


Figure 3. Cross-section drawing of the proposed Port Navigation Shore Ramp Project.



Photo 1. Relative locations of January 2011 fill and removal previously performed on the Port Navigation shore ramp. The approximate OHWE (+20.4 ft.) is shown in the foreground. Photo taken on 3/15/11 after initial ramp grading was performed. The new equipment barge and barge ramps are shown in the background.



Photo 2. Shore ramp following January 2011 construction activities. The ramp was re-graded to create a temporary landing so that the new equipment barge “bow ramps” could safely use the shore ramp. The landing was created “in the dry” during the fall/winter in-water work window when water levels were lower. Proposed construction activities include the removal of the landing and placement of clean rock material over the existing shore ramp and adjacent staging area. Photo taken on 3/15/11.