Typical Seawall Buttress Section at Section 1-1'

- MHHW = 8.8 Ft
- -3.0 Ft (-0.5 Ft MLLW)
- Inner Harbor Line (100 Ft from Seawall)
- Existing Mudline
- Existing Riprap
- Seawall (Type A)
- WSDOT 9-13.6 Quarry Spalls
- 1.5 Ft Mean Dia. Armor Rock (3-Ft Thick)
- 4- to 10-In. Mean Dia. Macro Algae Habitat Rock (2-Ft Thick)
- New Habitat Bench (15 Ft; Top of Bench at Elevation -3 Ft)
- Habitat Bench Substrate
- 2.5 Ft Mean Dia. Riprap (5-Ft Thick)
- 1 Foot Below MHHW (+7.8 Ft)
- 1 Foot Below Top EL. = 36 Ft
- Max Embankment EL. = 46.5 Ft at Bridge Abutment to South
- Top EL. = 36 Ft
- OSP Embankment
- BNSF Railroad
- Sheet Pile Wall
- Pile-Supported Timber Relieving Platform (Piles not Shown for Clarity)
- Concrete Wall
- Existing Grade EL. = 16 Ft
- Top EL. = 36 Ft
- Max Embankment EL. = 46.5 Ft
- at Bridge Abutment to South
- Top EL. = 36 Ft
- OSP Embankment
- BNSF Railroad
- Sheet Pile Wall
- Pile-Supported Timber Relieving Platform (Piles not Shown for Clarity)
- Concrete Wall
- Existing Grade EL. = 16 Ft
- Top EL. = 36 Ft
- Max Embankment EL. = 46.5 Ft
- at Bridge Abutment to South

Scale in Feet

Legend:
- MHHW = Mean High Water
- MLLW = Mean Lower Low Water
- NAVD 88 Datum = National Geodetic Vertical Datum of 1988

Figure 3

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0 20 40 Scale in Feet