RAMP TYPICAL SECTION

SCALE: 1” = 10’

DASHED LINE IS EXISTING GRADE
SOLID LINE IS DESIGN GRADE
RAMP TYPICAL SECTION
SCALE: 1” = 10’

DASHED LINE IS EXISTING GRADE
SOLID LINE IS DESIGN GRADE

CLATSOP COUNTY PUBLIC WORKS
WESTPORT FERRY DREDGING
WESTPORT, OREGON
MAY 18, 2020
RAMP TYPICAL SECTION STA. 1+40
DATUM = COLUMBIA RIVER DATUM
SHEET 5 of 6
RAMP TYPICAL SECTION
SCALE: 1” = 10’

DASHED LINE IS EXISTING GRADE
SOLID LINE IS DESIGN GRADE
**Enclosure 1**

**Hunts Mill Point**

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**Scale:** 1" = 1,100 FT.

**Magnetic North:**
10° 32' E, changing by -0° W each year.

**Proposed Placement Site:** 0°-39.8°-IW Variable Depth
A3-103

**BRADWOOD**

NWP-2003-754-5
LOG VANE DETAIL

END VIEW LOG VANE

Note: Elevations for all 6 piles are identical except bottom of channel elevations which vary as shown.

TOP OF PILES = 12.0________
Highest Dbs W.S. = 6.95________
MHHW = 6.54________

TOP OF LOGS = 6.5 FT

MLLW = 0.0________
Existing Channel Bottom -3.0

BOTTOM OF PILES = -18 FT________

SIDE VIEW LOG VANE

20 FT

PLACE BOTTOM LOG WITHIN 1 FT OF CHANNEL BOTTOM

CREEK SIDE

NOTES:

1. PILING WILL BE UNTREATED 30 FT LONG DOUGLAS FIR MEETING ASTM D25 CLASS B STD: MIN. DIAM TIP=8", MIN CIRC TIP=25", MIN DIAM 3' FROM BUTT=12", MIN CIRC 3' FROM BUTT=38'.

2. CROSS LOGS TO BE ATTACHED TO PILING WILL BE MINIMUM 25 FT LONG, 24" DIA LARGE END / 8" DIA SMALL END, SPRUCE OR DOUGLAS FIR. BOTTOM LOG ATTACHED TO EACH PILING SET WILL HAVE ROOTWAD LEFT ATTACHED TO BOLE.

3. LOG TO PILING CONNECTIONS WILL BE MADE WITH 1" GALVANIZED THREADED ROD. GALVANIZED HEAVY PLATE WASHERS AND NUTS WILL BE USED ON BOTH ENDS.

4. SPACES BETWEEN LOGS SHOULD NOT EXCEED 8".

5. MARK PILING AS REQUIRED BY U.S. COAST GUARD REGULATIONS.