DIRECTIONS
FROM WINTHROP HEAD SOUTH ON STATE ROUTE 20 WEST APROX. 5 MILES. TURN RIGHT ONTO TWIN LAKES ROAD/WHITE AVE. CONTINUE 3.1 MILES ON TWIN LAKES ROAD. TURN SLIGHT RIGHT ONTO PATTERSON LAKE ROAD. CONTINUE 4.6 MILES TO DESTINATION ON YOUR LEFT.
CONSTRUCTION SPECIFICATIONS:

1. Prepare the slope before the wattling procedure is started.
2. Smooth shallow gullies as work progresses.
3. Dig small trenches across the slope on contour, to place rolls in. The trench should be deep enough to accommodate half the thickness of the roll when the soil is loose and uncompacted. The trench should be deep enough to bury the roll 2/3 of its thickness because the ground will settle.
4. Rolls shall be installed perpendicular to water movement, parallel to the slope contour.
5. Build trenches and install rolls from the bottom of the slope and work up.
6. Construct trenches at contour intervals 3-12 feet apart depending on steepness of slope, the steeper the slope, the closer together the trenches. 1:1=10' 2:1=20' 3:1=30' 4:1=40'
7. Lay the roll along the trenches fitting it snugly against the soil. Make sure no gaps exist between the soil and the straw wattling.
8. Use a straight bar to drive holes through the wattling and into the soil for the willow or wooden stakes.
9. Drive the stake through prepared hole into soil, leave only 1 or 2 inches of stake exposed above roll.
10. If using willow stakes refer to live staking best management practices.
11. Install stakes at least every 4 feet apart through the wattling. Additional stakes may be driven on the downslope side of the trenches on highly eroding or very steep slopes.
12. Inspect the straw rolls and the slopes after significant storms. Make sure the rolls are in contact with the soil.
13. Repair any rolls or gullies promptly.
14. Reseed or replant vegetation if necessary until slopes are stabilized.
NOTE:
ALL TREES ALONG SHORELINE ARE UNEARTHED AND AT RISK OF FAILURE.
SHORE PROTECTION WITH UCW WILL BE PLACED AS PART OF THIS PROJECT.

PROPOSED SITE PLAN

LEGEND
- LOC LIMITS OF CONSTRUCTION
- EDGE OF GRAVEL
- HML ORDINARY HIGH WATER
- EDW EDGE OF WATER
- PL PROPERTY LINE
- ROW RIGHT OF WAY
- OHW ORDINARY HIGH WATER

PROPRIETARY OPTIONS

REFERENCE NUMBER: NWS-2022-455
APPLICANT NAME: WASHINGTON DEPT. OF FISH & WILDLIFE
PROPOSED PROJECT: ACCESS REDEVELOPMENT
LOCATION: PATTERSON LAKE
ENG. PROJECT NO: ON:A368:2022-1
DRAWN BY: D. HENNING
SHEET 5 OF 14 DATE: 06/29/2022
**NOTES:**

1. **ANCHOR TRENCHES ARE TO BE INSTALL AT LEAST 3 FEET BEYOND THE CREST OF THE SLOPE IN A SLOPE CONDITION.**

2. **OVERLAPS (EDGE TO EDGE) BETWEEN ROLLS SHOULD BE 3 TO 4 INCHES, THE END TO END SLICE BETWEEN ROLLS SHOULD BE 2 TO 3 FEET AND SHINGLED IN THE DIRECTION OF THE WATER FLOW. ALWAYS SECURELY FASTEN TO THE GROUND THE EDGES AND OVERLAPS W/T INTERVALS OF 3 FEET.**

3. **SECURELY FASTEN DOWN THE CENTER OF EACH ROLL STAGGERING CENTERLINE STAPLES BETWEEN THE OUTSIDE STAPLES WITH A SPACING INTERVAL OF 3 FEET.**

4. **3 - 4 STAPLES PER SQUARE YARD.**

5. **ALWAYS INSTALL TO ROWS OF STAPLES SPACED 1.5 x 1.5 FEET APART AT THE ROLL SPACE LOCATION.**

6. **INSTALL ADDITIONAL STAPLES AS REQUIRED TO ENSURE INTIMATE CONTACT WITH THE SOIL.**

7. **8 INCH MINIMUM U-SHAPES STAPLES SHOULD BE INSTALLED FLUSH WITH THE SOIL SURFACE.**

8. **LEADING EDGES OF FABRIC SHALL BE BURIED A MINIMUM OF 12 INCHES AT A MINIMUM 45 DEGREE DOWN ANGLE.**
CTX TOILET PAVING PLAN

SCALE: 1" = 10'

NOTE:
SEE PAGE 12 FOR ACCESSIBLE PARKING DETAILS.

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PROPOSED PROJECT: ACCESS REDEVELOPMENT
LOCATION: PATTERSON LAKE
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SHEET 11 OF 14 DATE 06/29/2022
6' WIDE INTERIOR PILE FLOAT PLAN

NOTE: BULLRAL, SCUPPER BLOCKS, MEEL HOLES, GROUNDING LEGS NOT SHOWN FOR CLARITY. **DIMENSION BASED ON FLOAT DRUM MANUFACTURER-PROVIDED INFORMATION CONTRACTOR TO VERIFY AS-BUILT FLOAT DRUM DIMENSIONS**

NOTES:

1. Secure grating in accordance with technical specifications. Each grating panel is to be fully supported on all four edges.

2. Float frame to be hot-dip galvanized after fabrication. Contractor to provide required drain holes. Proposed drain hole locations are shown. Show all drain hole locations on float shop drawings.

3. Field-level float with counterweights. Contractor to provide (6) PL 1/2" x 4" x 2'-0" per float module. Counterweight assembly shall be secured with four 3/4" thru bolts. Provide recess in rub strip to accommodate thru bolt head.

4. Provide rub strip, max 5"-6" length, provide 3/4" chamfer at ends, 1/2" gap between segments, color light gray.

5. Provide 3/8"weep holes at the undersize of each end of each horizontal cross-beam to prevent members from holding water.

6. Provide 1-9 vent holes in sides of HSS members inside of connecting tube to facilitate complete draining during hot-dip galvanizing, centered in HSS 5x.

7. Hinge pin to be secured with a double-jam nut (do not over-tighten, prevent galling), and shall be free to rotate after installation. The end of the hinge pin is to have a 30 degree bevel, with a 1/4" diameter rounded end to facilitate insertion into the hinge bushings. Hinge pin is to have a hole and 1/4" 316SS CUTTER PIN each end.