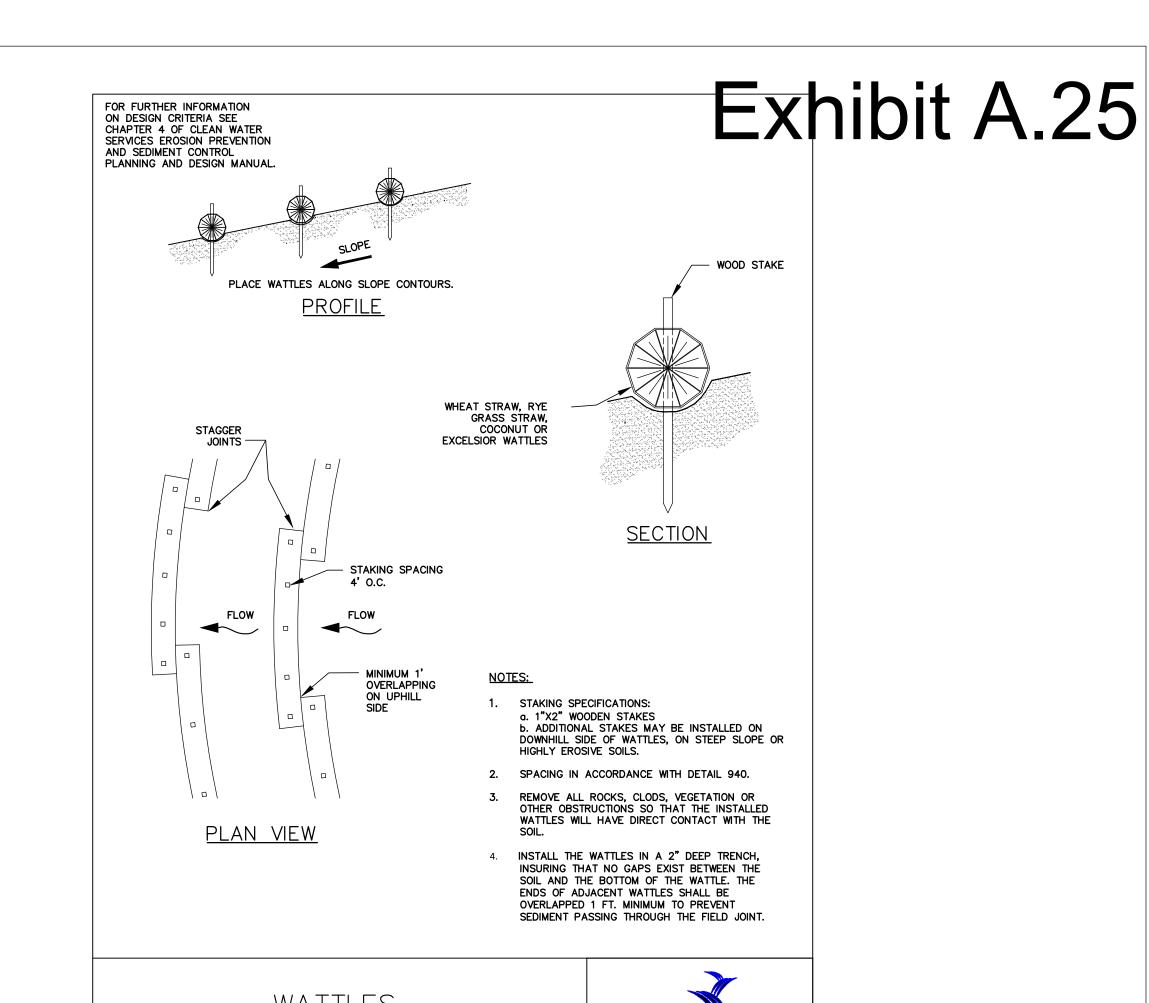


EROSION & SEDIMENT CONTROL BMP IMPLEMENTATION

- 1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- 2. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE PLANS.
- 3. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING", SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1.
- 4. THE STORM WATER FACILITY SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PLANNING.
- 5. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.



EROSION & SEDIMENT CONTROL NOTES

REVISED 10-31-19

- 1. SEED MIX WILL CONSIST OF ANY OF THE FOLLOWING BUT IS NOT LIMITED TO ACCORDING TO APPROVAL BY THE ENGINEER OR PROJECT MANAGER:
 - A. SLOUGH SEDGE (CAREX OBNUPTA)
 B. AMERICAN SLOUGHGRASS (BECKMANNIA
 - SYZIGACHNE)

DRAWING NO. 880

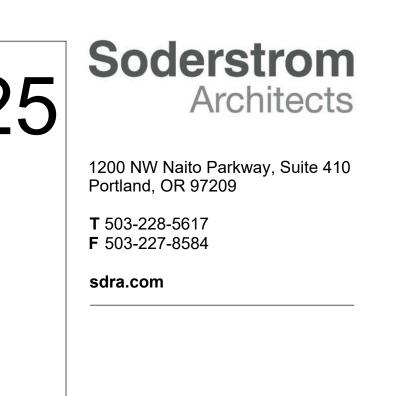
- C. TUFTED HAIRGRASS (DESCHMAPSIA CESPITOSA)
 D. BLUE WILDRYE (ELYMUS GLAUCUS)
- E. RED FESCUE (FESTUCA RUBRA)
 F. SPIKERUSH (JUNCUS EFFUSUS)

REDUCES RUN-OFF VELOCITY.

- G. ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)
 H. SPIKE BENTGRASS (AGROSTIS EXARATA)
- 2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK—WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND
- 3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
- TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING OR OTHER APPROVED MEASURES.
- 5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION. STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
- 6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
- 7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
- 8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 10. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED. SATURATED MATERIALS THAT ARE HAULED OFF—SITE MUST BE TRANSPORTED IN WATER—TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT—LADEN WATER.
- 11. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
- 12. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
- 13. USE BMP's SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO

PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.

- 14. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.
- 15. GROUND DISTURBING ACTIVITY SHALL BE DONE IN A MANNER WHICH WILL MINIMIZE SOIL EROSION, STABILIZE THE SOIL AS QUICKLY AS PRACTICABLE, AND EXPOSE THE SMALLEST PRACTICAL AREA AT ANY ONE TIME DURING CONSTRUCTION.
- 16. NON-EROSION POLLUTION ASSOCIATED WITH CONSTRUCTION SUCH AS PESTICIDES, FERTILIZERS, PETROCHEMICALS, SOLID WASTES, CONSTRUCTION CHEMICALS, OR WASTEWATERS SHALL BE PREVENTED FROM LEAVING THE CONSTRUCTION SITE THROUGH PROPER HANDLING, DISPOSAL, CONTINUOUS SITE MONITORING AND CLEAN-UP ACTIVITIES.



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Revisions

Description

Date

No.

DESIGN REVIEW

Date **09/17/2021**

Project Number 20019

ESC DETAILS
AND NOTES

Sheet No **1.01**