

FINISHED SURFACE TO BE GRADED PER THE ARCHITECT OR ENGINEERS SPECIFICATIONS AND READY FOR SEEDING, SODDING OR PLANTING. PLANT MATERIAL "TBD" AND CAN GROW THROUGH THE SOX WITHOUT COMPROMIZING THE SOX'S STABLE.

DEPTH OF BACKFILL COVER MATERIAL WILL VARY DEPENDING ON FINISHED SLOPE. MATERIAL CAN BE THE SAME AS SOX BACKFILL MATERIAL.

1/4" DIAMOND BRAIDED POLY CORE ANCHORING ROPES.

NOTE: LOWER SOX ROPE CHANNEL MUST BE CONNECTED TO BOTH THE UPPER AND LOWER STAKE AS SHOWN BELOW.

SHORESOX OR DREDGESOX BACKFILLED WITH SITE OR PROJECT SPECIFIC BACKFILL. WIDTH OF SOX TO BE DETERMINED BY SITE CONDITIONS (I.E. SHORE SLOPE AND AMOUNT OF SHORELINE TO BE RECAPTURED/PROTECTED). BACKFILL MATERIAL SHOULD BE COARSE AND NO LESS THAN 120 MICRONS AND IS TYPICALLY ONE OF THE FOLLOWING MATERIALS (sand, topsoil, aeration plugs/cores, dredging spoils or and organic compost type mixture). IT IS RECOMMENDED THAT ALL FILL MATERIALS BE TESTED FOR PARTICLE SIZE AND FILTRATION PROPERTIES PRIOR TO INSTALL. NON-DREDGED BACKFILL CAN ALSO BE WASHED OR WATER SETTLED INTO THE SOX FOR STABILITY AND COMPACTION PURPOSES.

SMOOTH RIP-RAP ADDED TO SOX FOR INCREASED ANCHORING IN TURBULENT WATERWAY APPLICATIONS AREAS. AMOUNT OF RIP-RAP NEEDED "TBD" BY LOCAL CODE OR LAKE ENGINEER.

STAKES SHALL BE PLACED 3' O.C. AROUND THE ENTIRE PERIMETER OF THE WATER FEATURE. TOP AND BOTTOM STAKES ARE TO BE OFFSET BY 18". TOP STAKES ARE TO BE INSTALLED INTO STABLE SUBSTRATE. BOTTOM STAKES ARE TO SET THE EDGELINE AND ARE GENERALLY JUST ABOVE THE ERODED EDGE. STAKES AND ROPE TO BE RECESSED BELOW FINISHED GRADE. DEPTH & TYPE OF ANCHOR MAY VARY BASED ON SUB-GRADE MATERIAL & ANCHORING METHOD.

SOX WILL CONFORM TO EXISTING ERODED SHORELINE SLOPE

EXISTING OR COMPACTED SUBGRADE (TYP SYM)

EXISTING SURFACE GRADE (TYPICAL SYMBOL)

SLOPE VARIES

WATER

WATERWAY SURFACE SLOPE PER LOCAL CODE OR LAKE ENGINEER.

NOTE: THIS DRAWING IS A "DIAGRAMMATIC ILLUSTRATION" OF A SOX INSTALL METHOD.

DETAIL QUESTIONS - Call: (408)461-0324 or Email: dginkel@soxerosion.com

TYPICAL SHORESOX/DREDGESOX DETAIL

SHORELINE RIP-RAP REPAIR TREATMENT (NO LINER)



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PROJECT: _____

DETAIL: _____

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