

WATTLE SEDIMENT RETENTION FIBER ROLL (SRFR) INSTALLATION GUIDE

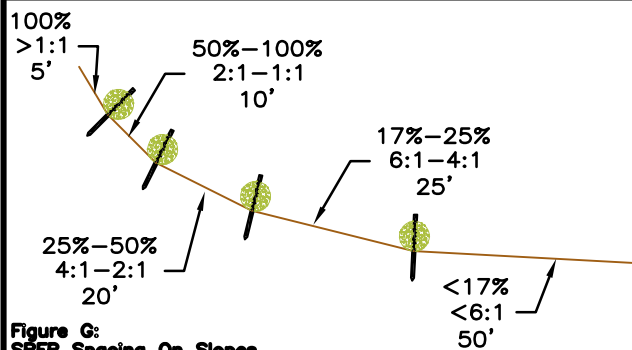


Figure G: SRFR Spacing On Slopes

SRFR DIAMETER	WOODEN STAKE LENGTH
9" SRFR	24"
12" SRFR	24"
20" SRFR	36"

Figure F: SRFR Staking Guidelines

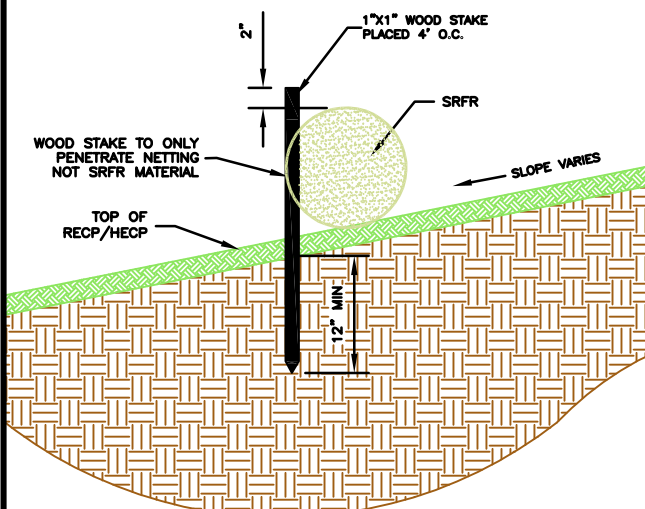


Figure E:
SRFR Installation On Top of ECEB RECP or HECF

WATTLE SEDIMENT RETENTION FIBER ROLLS (SRFRs)

Bare Soil Slope Installation

Prepare an even surface, free of debris and rocks. Seed and fertilize slope. Excavate a trench, placing the excavated soil on the upslope side of the trench per the SRFR Trenching Detail. Space the SRFRs down the slope per the Spacing on Slopes Detail. Match the anchor trench with the profile of the SRFR to ensure a snug fit. Place the SRFR in the trench and install the 1"x1" wooden stakes through the center of the SRFR, leaving no more than 2" of the stake exposed and perpendicular to the horizontal ground plane, 4' on center. Create a soil wedge with the excavated soil and compact well on the upslope side of the SRFR. Secure the ends of the SRFRs per the SRFR Connection/Overlapping Detail.

RECP/HECP Protected Slope Installation

Space the SRRFs down the slope on the top of the RECP or HECF per the Spacing on Slope Detail. Install the SRRFs along the contour with a slight downward angle at the end of each row to prevent ponding at the midsection. Turn each end of the row upslope on a 45 degree angle. Install the 1"x1" wooden stakes on the downslope side of the SRRF and through the RECP or HECF, by penetrating only the netting of the SRRF and not the SRRF matrix. Secure the ends of the SRRFs by tightly abutting the ends and the SRRFs and driving a 1"x1" wooden stake through the center of the adjoining SRRF at an angle towards the first installed SRRF. Continue to install the wooden stakes on the downslope side of the second SRRF.

Perimeter Control and Minor Slopes (<6:1)

Excavate a 3" deep trench to match the profile of the SRFR at the perimeter of the project and install per the Perimeter Control Detail. For installation along sidewalks and behind street curbs, a 3" trench must be excavated, but staking might not be required.

Channel Check Dam Installation

For bare soil channels, excavate a 3' anchor trench across the width of the channel and perpendicular to the flow path. The anchor trench must be extended at least 1' above the wetted perimeter of both side slopes of the channel. Match the anchor trench with the profile of the SRFR to ensure a snug fit. For bare soil channels and RECP lined channels, install 36" 2"x2" wooden stakes, starting at the centerline of the channel and then extending outward every two feet, on the downstream side of the SRFR to the top and bottom of the stakes with a coir twine, or similar material.

Low Flow Inlet Protection

Excavate a 3" deep trench, 1'-1½' upslope of the inlet. Match the trench to the profile of the SRFR to ensure a snug fit. Place the excavated soil upslope of the trench. Place the SRFR in the trench and install the 1"x1" wooden stakes every 2" through the center of the SRFR, leaving no more than 2" of the stake exposed. Create a soil wedge with the excavated soil and compact well on the upslope side of the SRFR. Encircle the inlet with the SRFR and overlap the ends a minimum of 12", making sure to leave no gaps, where water can run directly into the inlet.

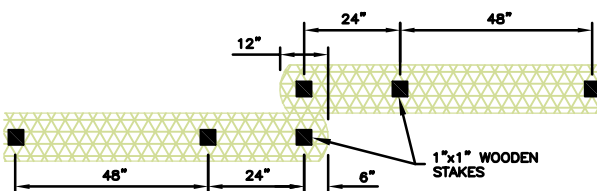


Figure D:
SRFR Connection/Overlapping Detail

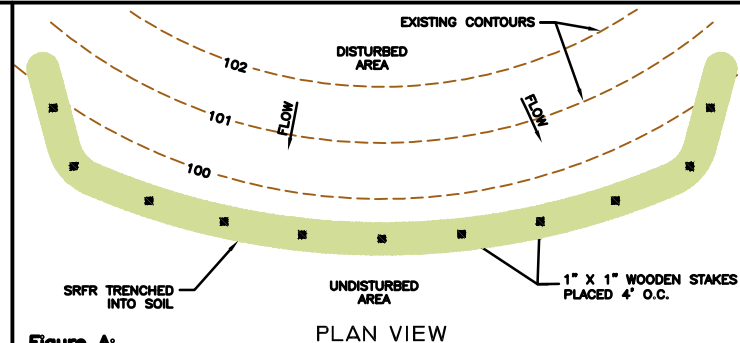


Figure A: PLAN VIEW
SRFR's as Perimeter Controls and on Minor Slopes(6:1)

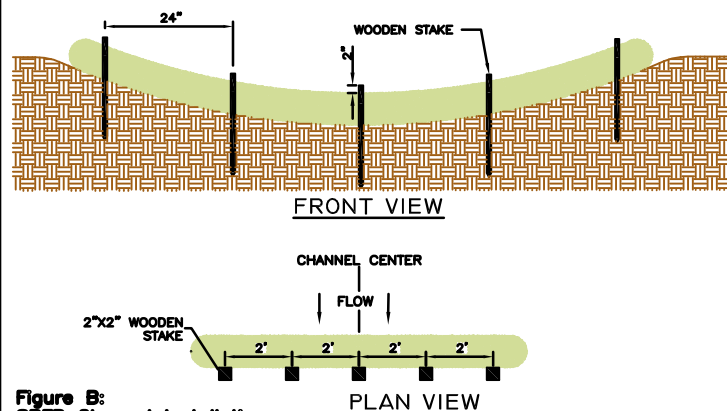
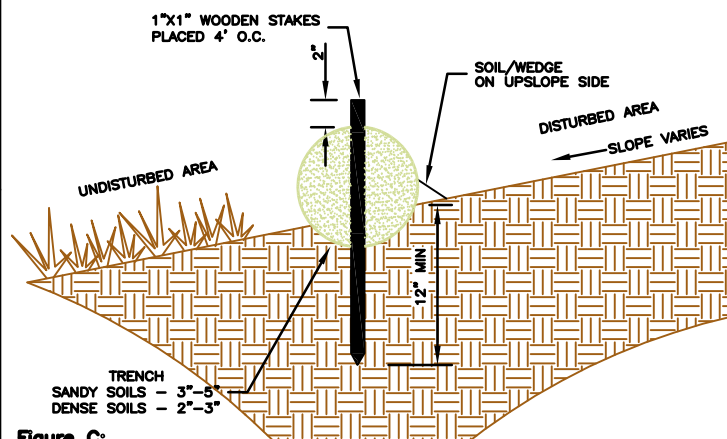


Figure B: SRFR Channel Installation



**Figure C:
SRFR Trenching Detail**



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