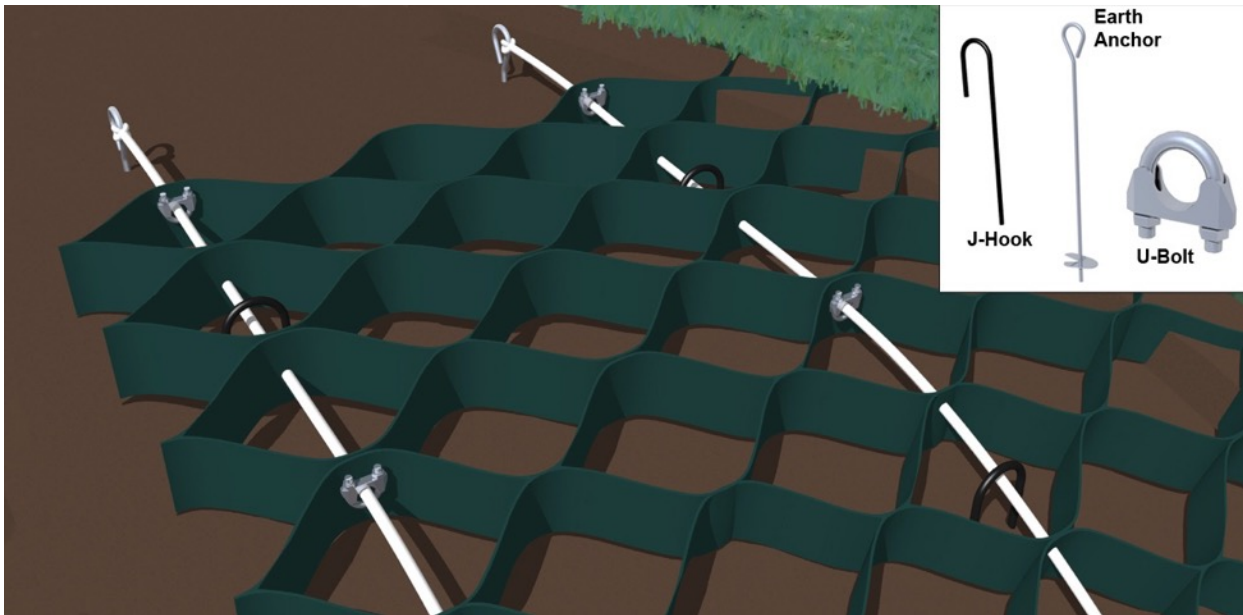


SLOPE GRID INSTALLATION DESIGN – A GENERAL GUIDE



This system consists of the geocellular Slope Grid, Earth Anchors, Tendons, Rebar J Hooks and U-Bolts. See page 2 for additional details.

Call Cell-Tek Geosynthetics LLC for further advice, 410-721-4844.

Earth Anchors are used to secure the system at the top of the slope.

Galvanized Aircraft Cabling is used as a Tendon that stretches through the system in rows at certain intervals and prevents the Grid from sliding down the slope.

U-Bolts act as 'stops' to prevent the Grid from sliding along the Tendons and also as fasteners to the Earth Anchors at the top and to the Rebar J Hooks at the bottom.

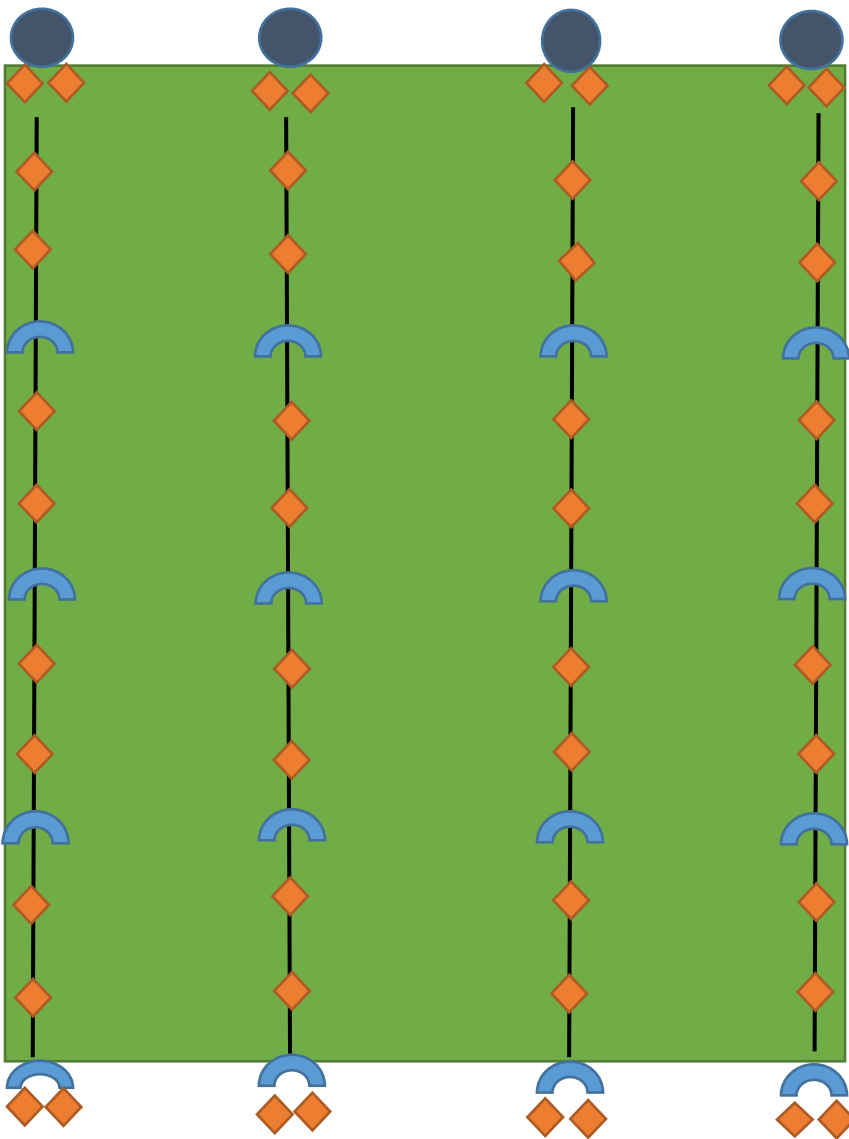
Rebar J Hooks are used to keep tension on the tendons and to secure the Grid at the bottom of the slope.



J HOOK ENGAGED TO TENDON FOR TENSION

Slope Grid Installation Design (8' x 29')

Install 8' side across the top of the slope



8' x 29' Cell-Tek Geosynthetics SLOPE GRID
(available in 4" and 6" cell depths, item SLP400 and SLP600)

Galvanized Aircraft Cabling, use 3/16" (GAC-A) with SLP400 or 1/4" (GAC-B) with SLP600, 29 linear feet + 3' excess = 32 linear feet x 4 rows = approx. **130 linear feet/grid.**

Helix Earth Anchors, 48" L, 4,000 lb. holding strength,
4/grid installed across the top, item #EA1

Rebar J Hooks, available in 18" or 24" heights, 4 rows x 4 = **16/grid**, item JHR18 or JHR24

U-Bolts, use UBOLT-A with GAC-A and UBOLT-B with