

SLOPE GRID - VEGETATED SLOPE with CABLING

Notes:

1. Anchoring / Tendons: Earth anchors and tendons vary in size and break strengths. Refer to detailed charts; earth anchors (chart 1) tendons (chart 2).
2. Slope Grid varies between 4", 6", and 8" cell depths. Choose proper cell depth depending on degree of slope, soil conditions, hydraulic forces in your region.
3. Vegetation: Include a turf reinforcement mat or erosion control blanket. This will prevent wash out until vegetation is established.
4. Connection: Connect one grid with stainless steel staples.
5. Infill: Slope Grid can be filled with topsoil, gravel, stone or concrete. Choose an infill which is suitable to withstand the applicable hydraulic conditions.
6. In cases where soils are so poor that there is a concern that the soil will slump down behind / below the Slope Grid, you may want to install a non-woven geotextile as an underlayment. In this case you will need to cut holes where vegetation such as bushes or trees are being installed so that the roots can grow deeper. If you plan to plant the entire area with grasses, do not install fabric. It's unlikely the vegetation will survive with a non-woven geotextile barrier because the roots will not have enough room to grow.

Earth Anchor (Forged, Galvanized, Helix Anchor)

EA-1 48" L 4,000 lb. holding strength

Rebar J Hooks (#4 rebar)

JHR18 18" H

JHR24 24" H

Tendons (Galvanized Steel Aircraft Cabling)

GAC-A 3/16" 3700 lb. break strength

GAC-B 1/4" 6100 lb. break strength

U-Bolts (Drop Forged, Galvanized Wire Rope Clip)

UBOLT-A 3/16"

UBOLT-B 1/4"

Earth Anchor



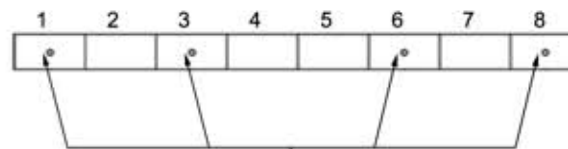
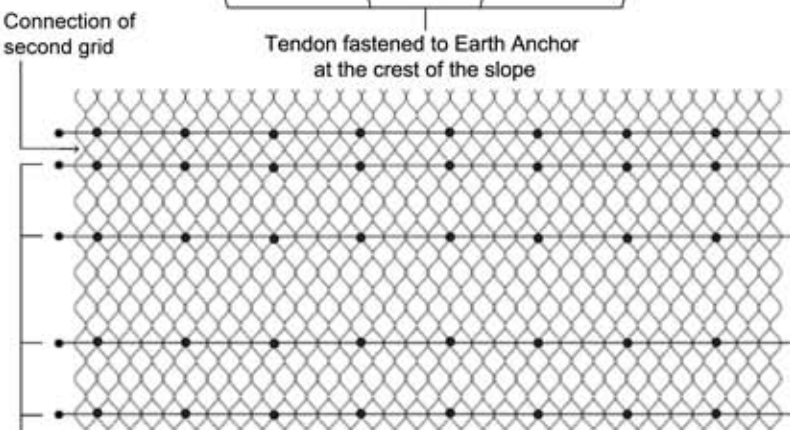
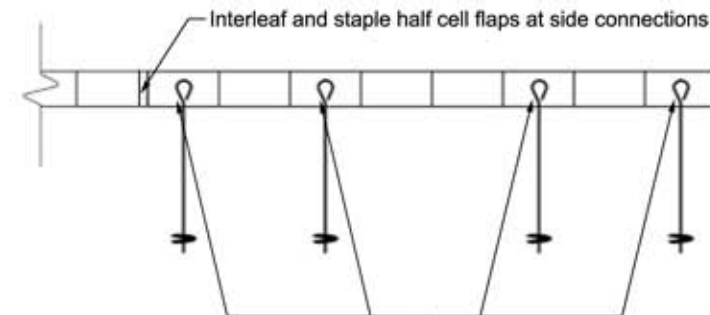
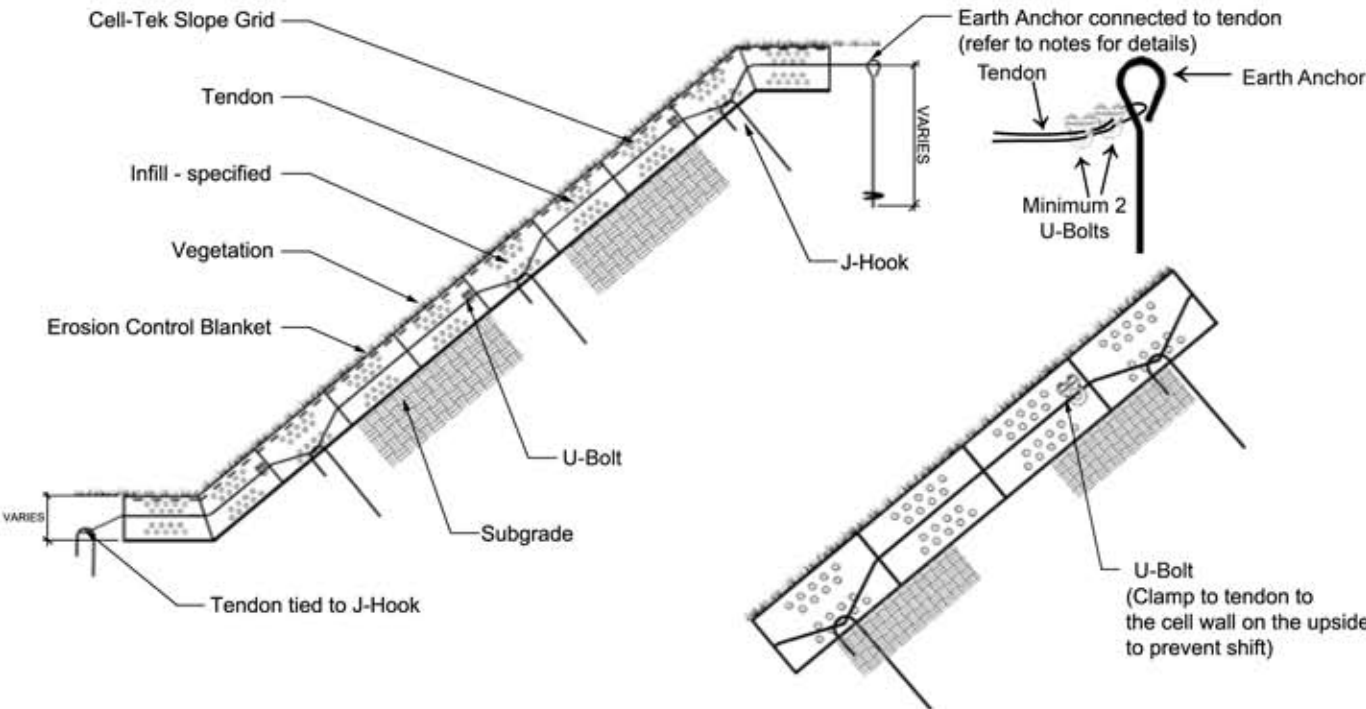
U-Bolt



J-Hook



Tendons



Before Expansion drill tendon holes in weld centers at cells 1, 3, 6 and 8. Four holes per Slope Grid (drill more holes if necessary)

4 Tendons / Earth Anchors per Slope Grid, unless more are specified (4 - 8 rows).

Note: Rows of tendons / earth anchors must be evenly spaced within each grid.

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