

## FOR MECHANICALLY STABILIZED EARTH APPLICATIONS

**STF**  
 Synteen Technical Fabrics, Inc.

**UNIAXIAL GEOGRIDS**  
 FOR MECHANICALLY STABILIZED EARTH APPLICATIONS



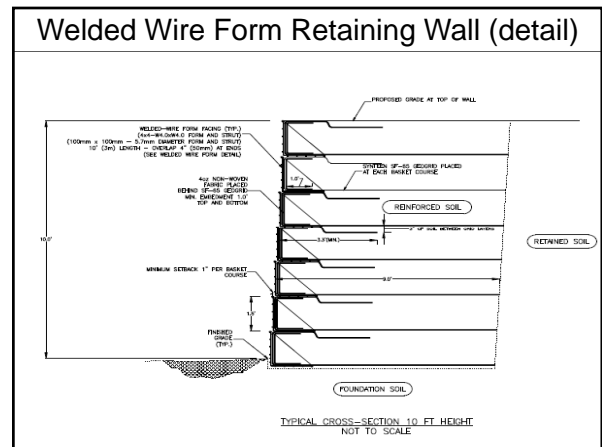
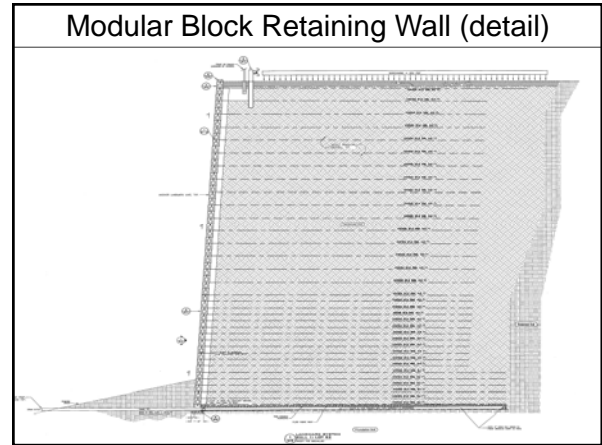
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Synteen high performance uniaxial geogrids are used for soil reinforcement applications, such as mechanically stabilized earth (MSE) retaining walls, steepened slopes, embankments over soft soils and waste containment applications.

MSE retaining wall applications include:

- Modular Block
- Welded Wire Form
- Reinforced Soil Slope
- Natural Stone
- Panel Facing

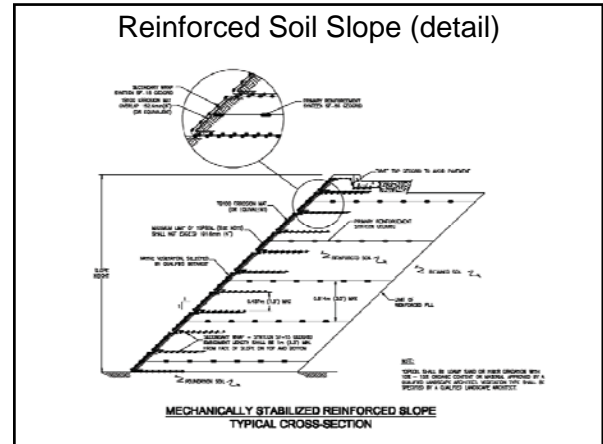




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# UNIAXIAL GEOGRIDS

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Product	Ultimate Strength	NCMA LTDS
SF20	1,940	1,040
SF35	3,435	1,878
SF55	4,670	2,625
SF65	6,000	3,351
SF80	7,400	4,133
SF90	8,500	4,748
SF110	10,520	5,801
SF350	27,390	15,104

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**Engineering Support**

- Budgetary Cost Estimates
- Material Quantity Estimates
- Project Specific Cross Sections and Details

**UNIAXIAL GEOGRIDS**  
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**Synteen Advantages**

Synteen uniaxial geogrids can greatly increase installation efficiency while substantially reducing or even **eliminating** waste through the production of custom roll dimensions.

- Custom roll widths up to 17'
- Custom roll lengths up to 1,500'
- Custom strengths
- Custom aperture sizes

**UNIAXIAL GEOGRIDS**  
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**Synteen Advantages**

Uniaxial geogrids have strength in one direction – the length. This requires contractors to roll/cut, roll/cut when installing geogrid. Synteen can package uniaxial geogrids with the strength in the **cross machine direction** to allow contractors to roll uniaxial geogrids out along the length of a wall, with the strength running in the correct direction.

This ability substantially reduces installation time and reduces the overall geogrid waste percentage, resulting in tremendous cost savings.

