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NovaGrid NG

NovaGrid NG reinforcement geogrid are manufactured using high modulus polyester (PET) yarns, configured to provide both uniaxial and biaxial tensile strengths. Specifically designed to deliver excellent tensile performance at well-defined low elongation levels, they are tailored to meet the specific demands of soil reinforcement and stabilization applications.

Engineered to interlock effectively with surrounding soils and/or aggregates, NovaGrid NG reinforcement geogrid enhance load distribution, reduce soil deformation, and provide structural reinforcement for roadways, railways, and other land transportation infrastructure. Their outstanding mechanical properties make them ideal for long-term reinforcement in retaining walls, steep slopes, and other load-bearing applications where soil reinforcement is critical.

Office location: SO-18-1, Menara 1, Strata Office,
No.3, Jalan Bangsar, Eco City, 59200 Kuala Lumpur.

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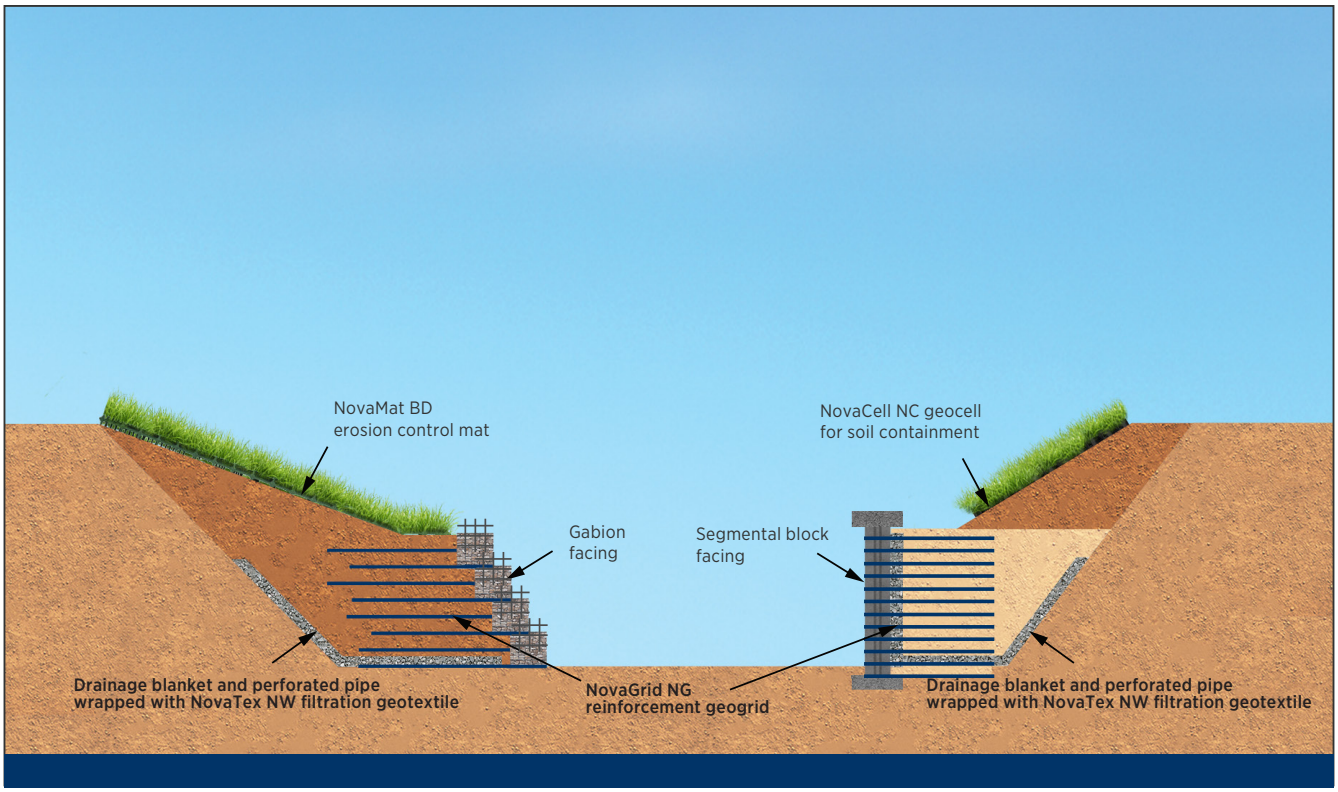

Features:

- **Compatible with various facing systems in retaining walls and slopes**

  NovaGrid NG reinforcement geogrid can be used with a wide range of facing systems including gabions, segmental blocks, and vegetated facings—making them highly adaptable for earth retaining wall and slope structures.

- **Available in uniaxial and biaxial configurations to meet various design requirements**

  NovaGrid NG reinforcement geogrid is available in both uniaxial and biaxial tensile strength configurations. The biaxial version eliminates the need for installing two layers of uniaxial geogrids perpendicular to each other, streamlining installation and improving efficiency.

Typical Application :

- Retaining walls and slopes
- Base reinforcement for roads and highways
- Basal reinforcement for piled embankment
- Veneer reinforcement for landfill slope covers

Functions :

- Reinforcement
- Stabilization

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