CONSTRUCTION NOTES FOR PLACEMENT OF TENSAR GEORIDS AND BACKFILL SOILS FOR TENSAR PRECAST CONCRETE REINFORCED WALLS

TENSAR WRETAINING WALL SYSTEM

1.0 MATERIALS
1.1 Tensar Georids shall be Tensar (Bendix) and Uniaxial Georids manufactured by the Tensar Corporation, Morrow, Georgia.
1.2 Grout bars shall be 45. 45. Hope bars manufactured by the Tensar Corporation, Morrow, Georgia.

2.0 Tensile Test Fabric shall be 6.02-mil (200 mil) monofilament polyethylene fabric with minimum tensilility of 4000 lb/1000 ft.

3.0 Special Requirements
3.1 Fill materials shall be placed from near the back face of the wall and then towards the face of the georids to ensure installation.

4.0 Fill Materials shall be placed within 2 feet of the face of the georids to ensure installation.

5.0 Design
5.1 Tensar georids shall be placed at the location and elevations shown on the shop drawings.

6.0 Georid Length shall be as shown on the construction drawings. The georids length as shown in the georid details section on the front face of the concrete panel, extending to the top of the georids. The georid shall be constructed with no more than one georid per panel.

7.0 Georid Reinforcement shall be continuous throughout the length of the georids. The connection shall be utilized unless pre-approved by Tensar during construction.

8.0 Georids may be spaced utilizing the georid connection detail, no more than one georid shall be placed in any one length of reinforcement.

9.0 Prior to placing fill the georids shall be connected to the panels for panel connection details. The georids shall be placed in the georid systems as shown in the georid details section.

10.0 Georid connections shall be biased with the georid parameters as stated in the control drawings.

11.0 Design

The design for this project includes the following:

- Tensar Georids
- Tensar (Bendix) and Uniaxial Georids
- Grout bars
- Hope bars
- Georid connection details
- Georid reinforcement details
- Georid connection bias
- Georid design parameters

This design is based upon specific properties of Tensar Georids, georid connection details, and georid reinforcement, which are proprietary to Tensar Corporation and are subject to change. Tensar Corporation reserves the right to change any aspect of this design.

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TYPICAL LEVELING PAD STEP AND FABRIC COVERAGE DETAIL

HORIZONTAL JOINT DETAIL

VERTICAL JOINT DETAIL

LEVELING PAD DETAIL

PANEL JOINT DETAIL

TENSAR STRUCURAL GEOSYNTHETIC - 1' x 1' RIGID NON-WEIGHT FABRIC

TENSAR STRUCURAL GEOSYNTHETIC - 1' x 1' RIGID NON-WEIGHT FABRIC

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