Soil Nailing Guide Specification

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## MODEL SPECIFICATION

### 1. GENERAL

#### 1.1 Purpose of Specification

This specification, along with the drawings, encompasses all designs, materials, products, accessories, tools, equipment, services, transportation, labor and supervision, installation techniques, and testing procedures required for the installation of soil nail excavation support or earth retention systems.

This is a Guide Specification designed to assist in the development of project specifications for soil nail excavation support and earth retention systems. This Model Specification is based on generally accepted industry standards but may require modification by the specification writer to accommodate unusual and/or unforeseen site and subsurface conditions and the particular circumstances of the project. Care must be taken to avoid internal inconsistencies. It contains language allowing for a Contractor-Designed Soil Nail Wall, which would be removed if the design is provided by the Owner (e.g. See Sections 1.2 and 4.1).

#### 1.2 Scope of the Work

This work shall consist of the design, performance of field tests and construction of a retaining wall by internally reinforcing the soil mass with grouted reinforcing elements (nails) as described herein and in accordance with the lines, grades, and dimensions on the Plans or established by the Owner.

#### 1.3 Qualifications of the Contractor

The soil nailing contractor shall be fully experienced in all aspects of soil nailing design and construction, and shall furnish all necessary equipment, materials, skilled labor, and supervision required to carry out the contract. The contractor shall submit proof of experience in accordance with 3.1 of this specification.

#### 1.4 Related Project Specifications

To be determined by the specification writer.