

## Delegated Design

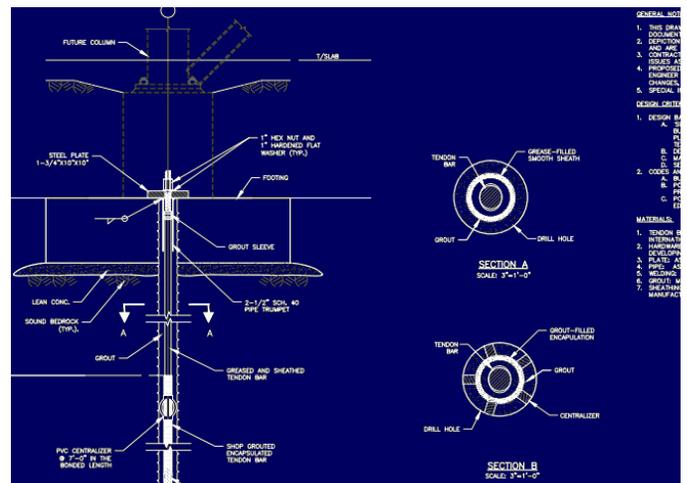
“Delegated Design” is the means through which the Design Professional of Record (DPR) passes design responsibility for certain details or elements of a project to the Contractor. Typically, Contractor-designed elements and systems are identified on the Contract Drawings, with performance standards provided by specifications and industry reference standards.

The purpose of Delegated Design is to improve the performance and economy of delegated systems. It provides flexibility so that proprietary materials and components can be incorporated into the project without the need to provide multiple, completely detailed design options in the Contract Documents. In addition, Delegated Design allows the Contractor to modify certain aspects of the design to use its preferred means and methods, thus reducing construction costs.

Delegated Design is common in foundation and below-grade construction, since the economics of a particular design option are particularly sensitive to the equipment and capabilities of the specialty foundation contractor. Proprietary systems and methods for ground improvement, earth retention and soil and rock anchors are also common.

Preparing a Delegated Design submittal requires a broad understanding of the system in which the delegated design element is to be incorporated, so as to properly interpret the performance standards and help the Contractor’s manage its risk. In addition, the design must be clearly communicated to the DPR and Contractor personnel through thoughtfully prepared calculations and working drawings.

Richard J. Driscoll has experience providing contractors with a variety of design services, including Delegated Design submittals of foundation elements and temporary structural systems interfacing with permanent work.



### Example Project:

#### Academic Building, Plattsburgh, New York:

Prepared design calculations and detail drawing for shear wall footing rock anchor that were included in a contractor’s delegated design submittal.

## Delegated Design Services

- Foundation/Geostructural
  - Micropiles
  - Soil and Rock Anchors
  - Drilled Shafts
  - Piles
  - Pile Caps / Footings
  - Retaining Walls
  - Temporary and Permanent Support of Excavation
- Miscellaneous
  - Temporary Structures for Construction
  - Structural Steel
  - Concrete Reinforcing
  - Anchor Rods / Anchorage to Concrete & Masonry
  - Wood Structures
  - Monitoring Plans