

# Modular Vault Systems

## Technical Specifications & Features

### Optional Products and Services

#### Site Work

NELCO can provide design and construction of the site work through arrangements with local engineers and contractors, or advise and direct the design and construction, as a Construction Manager, on the owner's behalf. Alternatively, NELCO can provide a pre-engineered vault and work with owner-selected design and construction firms.

#### Foundation

The foundation, along with underground utilities, is a non-removable component of the design. The foundation incorporates cable, duct, and piping pathways that provide shielded cable and pipe access to the vault interior. NELCO also requires specific seismic/wind load structural elements for the modular vault system. These elements require specific design criteria that must be properly incorporated into the construction documents. Nelco can provide foundation construction as a Design/Build alternative.

#### Interior Finish

Interior finishes can be incorporated into NELCO's scope of work or provided by the owner. Some elements of the floors, walls and ceilings must be coordinated with other components of the overall design that will be under NELCO's control.

### TECHNICAL SPECIFICATIONS

<i>Overall Dimensions</i>	Varies by need
<i>Manufacturing</i>	Concrete density formulated to meet specific physics requirements
<i>Support</i>	Post tension system (walls and ceiling)
<i>Door</i>	Swinging or sliding door system with specified shielding materials
<i>Door Operating System</i>	Automatic door operating system
<i>Compliance</i>	Meets all regulatory, safety compliance requirements

#### Mechanical & Electrical Systems

NELCO has an extensive background in "turnkey" construction of medical and industrial accelerator facilities. Our insight into the coordination and selection of chilled water requirements, HVAC, power, safety, furnishings, and patient monitoring systems can be made available to the owner. As with the site and enclosure, NELCO is available as a provider of a Design/Build solution or as Construction Managers.

#### Preventative Maintenance Service Contracts

Available upon request.

Other details regarding manufacturing, materials, installation requirements, structural specifications, custom options, financing, physics, or regulatory, etc., can be obtained from your NELCO representative.

Lists of installed references can be available upon request.

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