



PROJECT DESCRIPTION:

- 1916 Building Alterations and Renovations
- 1971 Breuer Building Alterations and Renovations
- Northeast Gallery Wing Addition
- New Central Utility Plant

ADDITIONAL PROJECT FACTS:

- A new parking level on top of existing
- Northeast Gallery Wing: created an additional 65,000 square feet as part of an overall 200,000-square-foot addition. The structure was required to accommodate large open galleries, using long-span steel joists and trusses. The large spanning structural components were also designed to support mechanical equipment at the roof, requiring the control of vibrations. The first floor consisted of a two-way reinforced concrete slab. The entire structure was supported on a foundation system composed of drilled concrete piers, grade beams, and continuous wall footing.

Renovation and alteration of several existing buildings, and the addition of new buildings for offices, galleries and utilities. Much of the existing renovated space will be unified with the new space to improve circulation and increase gallery space. The current design calls for renovating the existing historic original 1916 and Breuer Building, the addition of a new gallery building, and a central utility plant. In addition, the parking capacity would be expanded by adding a new parking level on top of the existing parking facility and with the addition of an adjacent parking structure.

1916 Building Alterations and Renovation: the project involved renovating 389,000 square feet of the existing galleries and offices. The renovated space of the historic original 1916 Beaux Arts Building will connect with the new space to improve circulation and increase overall gallery space. Structural renovations included filling in many existing floor openings, creating temporary openings in the facade for construction access, lowering portions of basement slabs to match the basement floor elevation, and analyzing the existing structural steel roof trusses to support new mechanical equipment. Due to the nature of the project and the need to maintain an aggressive construction schedule, we were constantly involved during the construction phase to address many unforeseen conditions.

1971 Breuer Building Alterations and Renovations: the project involved renovating three stories of the existing building space. Structural renovations included filling in many existing floor openings, creating new openings in the facade and the floors, and analyzing the existing structural steel roof trusses to support new mechanical systems. Due to the nature of the project and the need to maintain an aggressive construction schedule, we were constantly involved during the construction phase to address many unforeseen conditions.