Parkridge Center - Phase VI

Reston, VA

General Statistics:

Size: **226,000 sq.ft.**

Stories: 7

Delivery Method: Design-Bid-Build

Codes:

- BOCA 1996 - IBC 2000 - 2000 IPC

Zoning: Fairfax County Zoning

Ordnance, I-3

Project Team:

Owner: Walker & Company

Architects: **Hickok Warner Cole Architects**Structural: **Structural Design Group, LTD.**

MEP: Girard Engineering

Civil: William H. Gordon Associates, Inc.

Building Specifications: Ronald M. Beard CCS, LLC

Landscape Consultant: Parker Rodriguez

Architecture:

- Sloping Columns on the south face
- Sky garden
- Arcade along the north face
- Exterior facade made up of a series of precast brick and concrete panels.

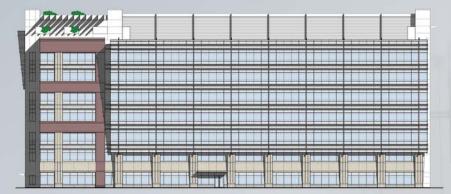


Structural:

- Composite Floor System over W16 interior beams and W18-W21 Girders.
- All Beams are cambered at 1-1/4"
- -The Main Lateral System consists of braced frames
 - The cross bracing of the frames are HSS 8X8 and HSS 10X10
- The Columns on the south face are sloped outward from the ground up.
- The foundation is made up of shallow strip footings

Lighting/Electrical:

- (2) 3000A 480/277 3 Phase 4W main switchboards
- The electrical lines enter the building through (12) 4" PVC schedule 40 conduits encased in concrete.
- (2) 2000A PLug-in busways transfer power to each floors (4) 400A Panelboards and 112.5 KVA Transformers
- The lighting of each floor will be done by the individual Tennants
- There is a 350 KW 480/277V 3 Phase 4W Diesel Emergency Generator.



Mechanical:

- Variable Air Volume System
- (2) main supply trunks to each floor serviced by the main air handling units (AHU) on the roof
- The ground floor lobby area is serviced by a seperate AHU.