

### Architect:

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### Owner:

The Department of Defense

### Project Cost:

\$36,500,000

### Square Footage:

35,000 sf

### Cost per Square Foot:

\$1,042.86/sf

### Completion Date:

2003

### Project Consultants:

#### General Contractor

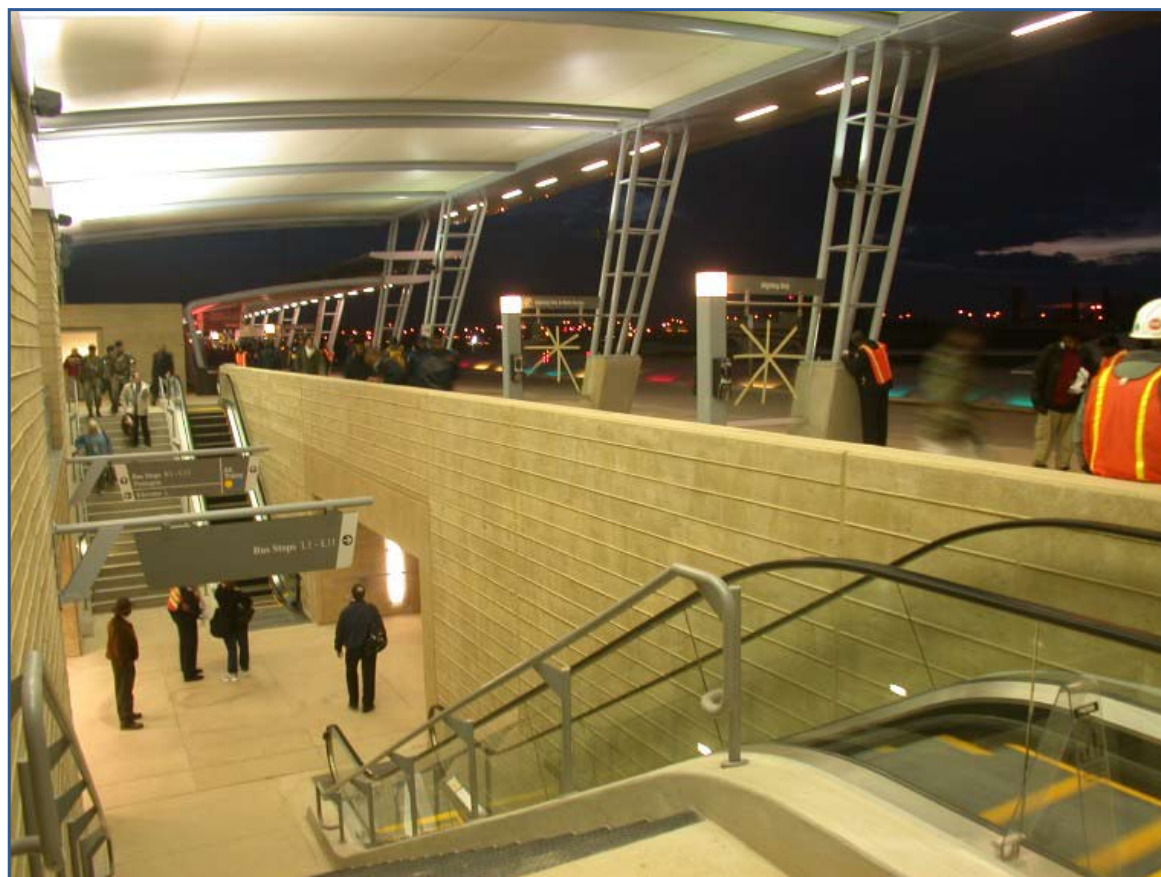
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#### Consulting Firm

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### Project Description:

The Pentagon Metro Entrance Facility was a congressionally mandated security project to relocate the Pentagon bus station further from the building and to create a secure screening facility for visitors entering the Pentagon. Balancing the security needs of the Department of Defense while creating a welcoming and historically sensitive "front door" to the Pentagon is a difficult balancing act made possible with sustainable solutions. The design of the Pentagon Metro Entrance Facility uses landscaped dirt berms to mitigate the potential effects of a blast. Self-cleaning Teflon-coated fiberglass canopies protect pedestrians from the foul weather and will not fragment in the event of an explosion (as is the case with glass or other less flexible materials).

### Green Features:

The Pentagon Metro Entrance Facility is the first Department of Defense facility to receive Leadership in Energy and Environmental Design (LEED®) certification from the U.S. Green Building Council. The following features design and construction features contribute to the LEED Certification:

- At least 50% of waste was diverted from landfills
- Electric vehicle outlets
- Vegetation covers half the open space restoring life back to the site
- High reflectance EnergyStard roofing installed
- 20% savings in energy consumption
- Over 50% of the building materials were assembled within 500 miles
- Over 50% of the materials contain recycled content
- 21% of wood-based materials were FSC certified
- Permanent CO2 monitoring systems installed



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