



FULL SERVICE CONSULTING ENGINEERING

▪ **STONE** ▪ **STRUCTURAL** ▪ **RESIDENTIAL**

▪ PROJECT SCOPING ▪ DESIGN ASSIST ▪ PROJECT DELIVERY ▪ SITE SERVICES

"The experts at PICCO engineering have been able to consult us on our projects and protect us from future potential liabilities. There is hardly a price tag that can be put on this service. The overall service is friendly as well and it is clear to see that everyone at Picco Engineering truly loves what they are doing."

- Evan Cohen, Quality Marble and Granite



Canadian Museum Of Human Rights
Antoine Predock and Architecture 49

PICCO ENGINEERING ENGAGED EARLY

- Complexity in geometry and sheer volume of stone >25K m²
- Precision expectations very high, all design, detail, stone selection, fabrication had to be perfect.
- Large volumes of BIM data, coordination of design teams. Pursuit of high levels of sustainability (LEED).
- PICCO Engineering's drawings were integral to the BIM delivery of this project.
- Fun was walking the quarry with Mr. Predock, selecting the exact stone required for the project.



Princeton University - Lewis Center for the Arts
Steven Holl Architects

PICCO ENGINEERING ENGAGED LATER

- PICCO Engineering revised several aspects of the project.
- Technically redesigned the subsystem to salvage the purchased stone, and to meet local codes and standards.
- Collaborated with Architect, Construction Manager and Stone Contractor to ensure success.
- Participants felt PICCO Engineering's role was essential in project success.

In partnership with:





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Stone has been used since the beginning of time. More importantly stone has been used by every Architect of prominence. It suits historical and modern design. These are some, who have worked with PICCO Engineering.

- Adamson
- Allied Works
- Antoine Predock
- Diamond Schmidt
- Foster + Partners
- Gensler
- Graziani and Corrazza
- Hariri Pontarini
- IBI Group
- Kasian
- Moriyama & Teshima
- Robert Stern
- Saucier + Perrotte
- Stantec
- Steven Holl

PROJECT SCOPING

- Risk Assessment
- Design intent review
- Feasibility appraisal

DESIGN ASSIST

- Design optimization and solutions development
- Preliminary engineering and detailing
- Costing and value engineering
- Material, System, service providers specification

PROJECT DELIVERY

- Architect, Owner and Trade collaboration
- Building systems coordination
- Deficiency identification
- Design: Integrated BIM services, structural calculations, comprehensive shop drawings and fabrication tickets.

SITE SERVICES

- Inspection and site reports
- Project scope validation and quality control
- Site condition issues and resolution

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