

HMFH Architects, Inc.

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June 5, 2007

James P. Maloney
Chief Executive Officer
Cambridge School Department
159 Thorndike Street
Cambridge, MA 02141

Re: Renovations to the Rindge, Media and Arts Buildings at CRLS
"GREEN" items already included in the project

Dear Jim:

As you requested, I have put together a list of sustainable items that had been incorporated into this project prior to putting it "on the shelf" in August of 2003. Please note that this project began in 2002, as a mechanical, electrical plumbing and roofing systems replacement project, prior to Cambridge's initiative to pursue LEED 'Silver' Certification for all their public construction projects. For your information I have included below a general summary of the Scope of Work.

Scope of Work

- Mechanical systems replacement (central air system) including A/C for all spaces
- New hot asphalt applied modified bitumen roof system throughout
- New fire alarm system
- New electrical distribution system, panel-boards and lighting as required and affected by new HVAC and Fire Alarm systems.
- Architectural renovations as required and affected by new systems.
- Accessibility upgrades throughout buildings and site.
- Fully sprinklered system throughout the buildings.
- New ceilings and light fixtures for classrooms, offices and corridor area.
- Replacement of single glazed exterior windows with new high efficiency double-glazed insulated aluminum windows.
- Replacement of single glazed skylights with new high efficiency double-glazed insulated aluminum skylights.



Stephen Friedlaender, FAIA
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Maria Mulligan, AIA
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David W. Pendery
Vassilios Valaas, AIA

Sustainable Architectural Items included in Scope of Work

- Exterior Windows High performance thermally broken aluminum curtainwall.
- Operable Windows Indoor Air Quality
- Skylights Thermally broken aluminum skylights.
- Gypsum Wallboard 100% recycled paper face and 50% recycled gypsum
- Steel Studs High-recycled steel content
- Paints Low VOC

Sustainable Mechanical Items included in Scope of Work

- Gas-fired Condensing Boilers (vs. oil-fired fire-tube steam boilers and converters which are presently on site).
- Water-cooled centrifugal chillers, 2 @ 600 tons each (vs. rooftop unit mounted DX condensing units).
- Carbon Dioxide sensing ventilation controls for large assembly areas such as the Auditorium and Stage, Cafeteria, Library.
- Variable Speed Drives for all VAV fans.

Sustainable Electrical Items included in Scope of Work

- New Luminaires throughout utilizing T8 or other fluorescent energy saving lamps and electronic ballasts.
- Occupancy sensors in classrooms, offices and similar spaces.
- Daylight harvesting devices in sun facing classrooms to dim lighting.
- Two levels of light in all classrooms and offices with exterior windows.
- PL fluorescent down lights in lieu of incandescent.
- LED exit signs.
- Automated lighting relay control system for corridor and large space lighting control. (Ex. Cafeteria)

Sustainable Plumbing Items included in Scope of Work

- High-efficiency Water Heaters
- No other plumbing-work in the 2002 scope that would warrant water conservation type considerations.

Mr. Jim Maloney

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As we restart this project and in accordance with The City's policy, we will review these and any other items to achieve LEED Silver Certification.

Very truly yours,

HMFH Architects, Inc.

A handwritten signature in black ink, appearing to read "Vassilios Valaes", with a long horizontal flourish extending to the right.

Vassilios Valaes, AIA, LEED AP

Project Architect