



Perkins Eastman

The City of Cambridge

Martin Luther King, Jr. School

May 10, 2012



Perkins Eastman

DRAFT Organizational Principles



Principle:

- The Upper, Lower and Pre-Schools each have a distinct entrance and identity.

Principle:

- The campus is zoned into community/school and school-dedicated areas organized around a campus commons.

Principle:

- Each school administration controls the front door(s) and the campus commons.

Principle:

- The Pre-School has its own entry but is also integrated into the campus-community commons.

Principle:

- The learning commons is the heart of each school.

Principle:

- The Lower School is organized into two teams: JK-2; 3-5.

Principle:

- The Upper School is organized into three grade-level teams.

Principle:

- Each school is organized to build a professional community.

Principle:

- The garden, dining, server, kitchen and food lab combine to foster a comprehensive experience and education about healthy eating and an active lifestyle.

Principle:

- The experience of dining is smaller scaled, less institutional and more family-style.

Principle:

- Natural Light should be pervasive throughout the campus.

Principle:

- Education should flow seamlessly from indoors to outdoors.

Principle:

- The school fosters “subtle security.”

Principle:

- Administrators should be dispersed throughout the building and have “open doors.”



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Preliminary Options





Existing



Existing-Modified



Pi



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Aerial Views from Putnam Avenue



Existing



Existing-Modified



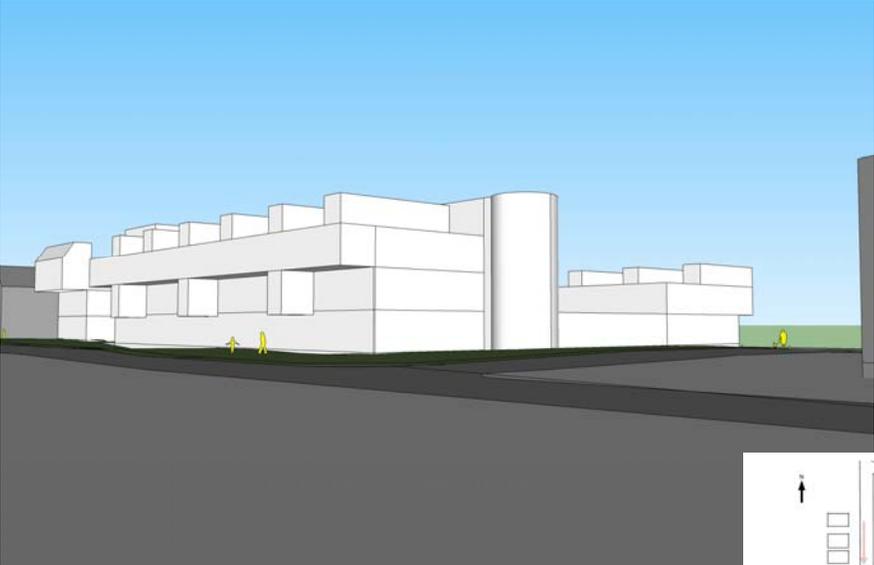
Pi



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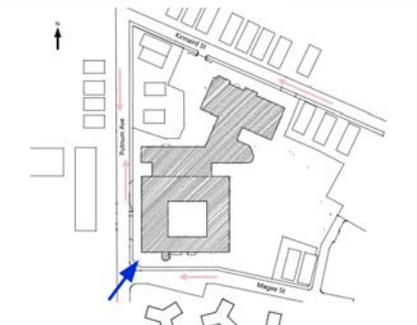
Views from Putnam Avenue



Existing



Existing-Modified

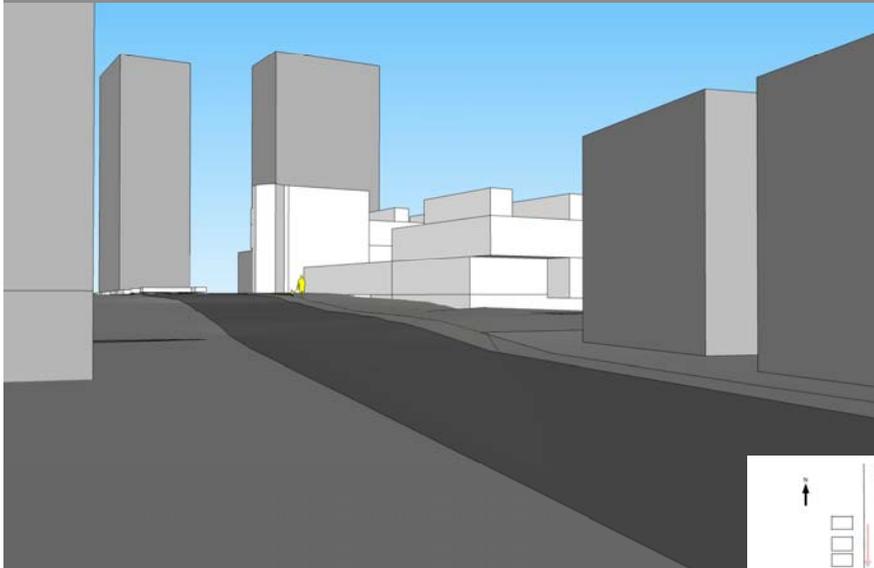


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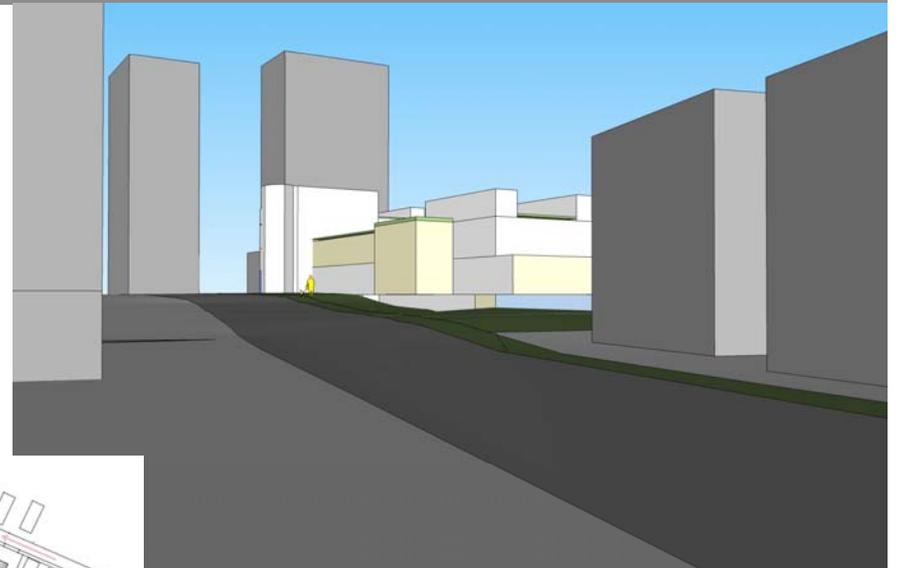


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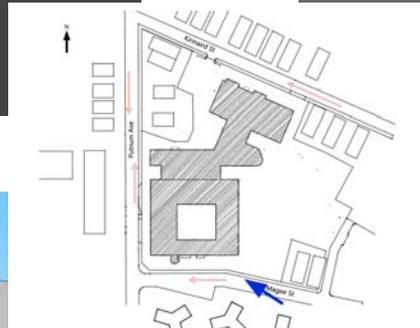
Views from Magee Street



Existing



Existing-Modified

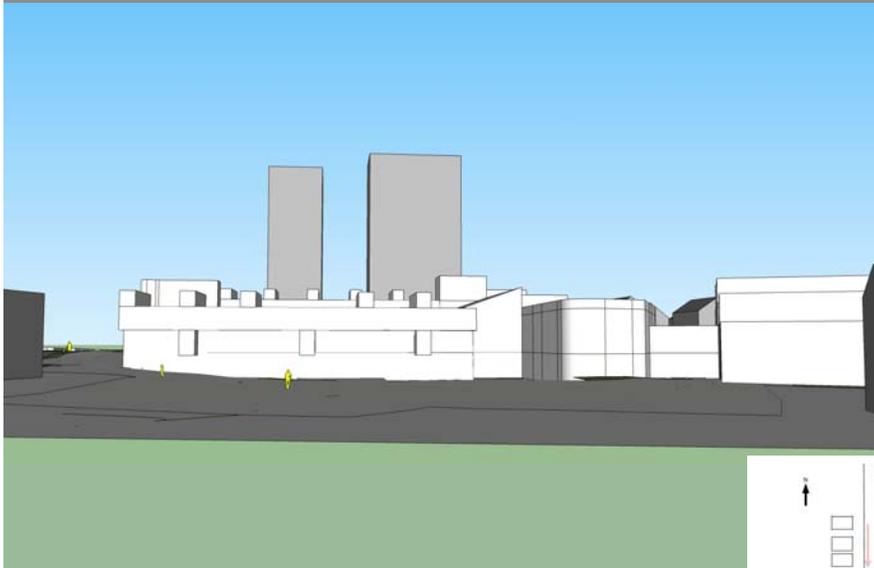


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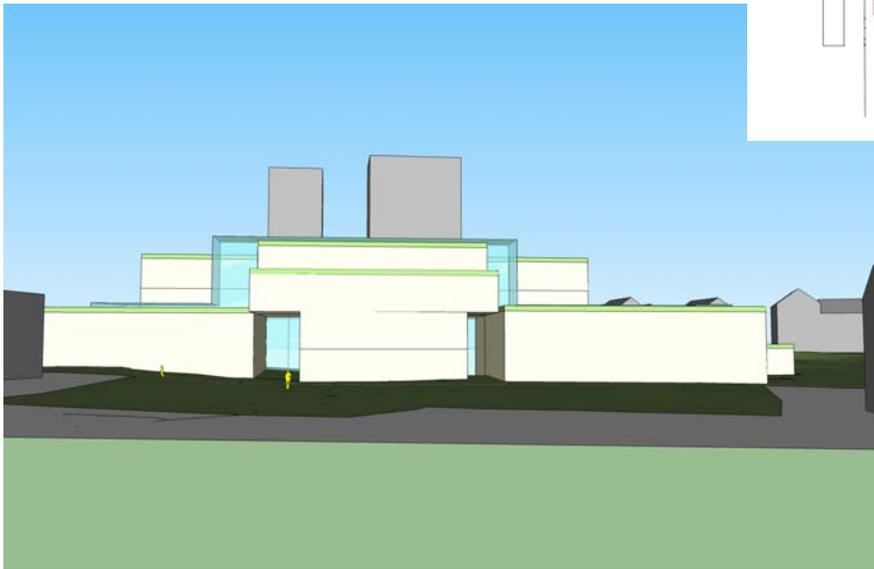
Views from Hayes Street



Existing



Existing-Modified



Pi



Clover



Aerial Views from Kinnaird Street



Existing



Existing-Modified

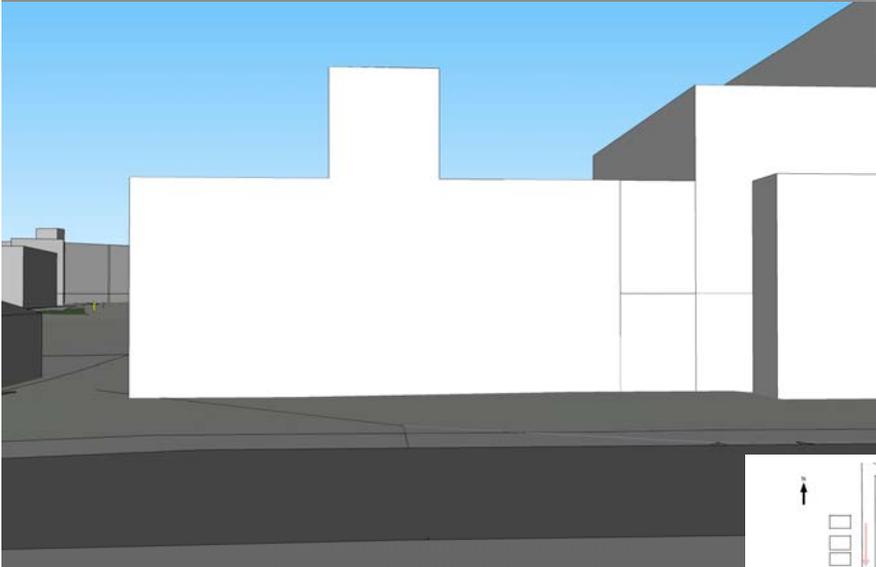


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Views from Entry Drive at Kinnaird Street



Existing



Existing-Modified



Pi



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Views from Putnam Avenue looking South



Existing



Existing-Modified



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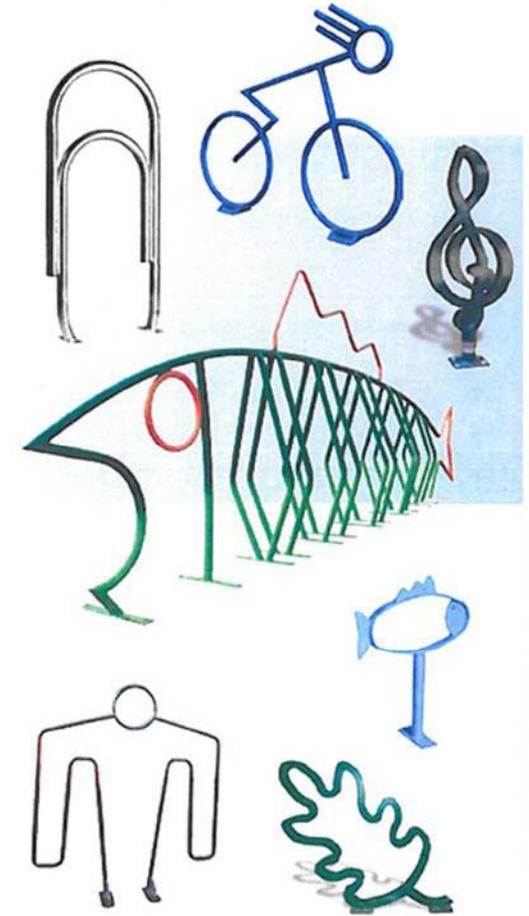


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Bicycle Concerns

Proposed Changes to Cambridge Zoning Ordinance Bicycle Parking Requirements

City of Cambridge
Community Development Department
Draft Report – May, 2012

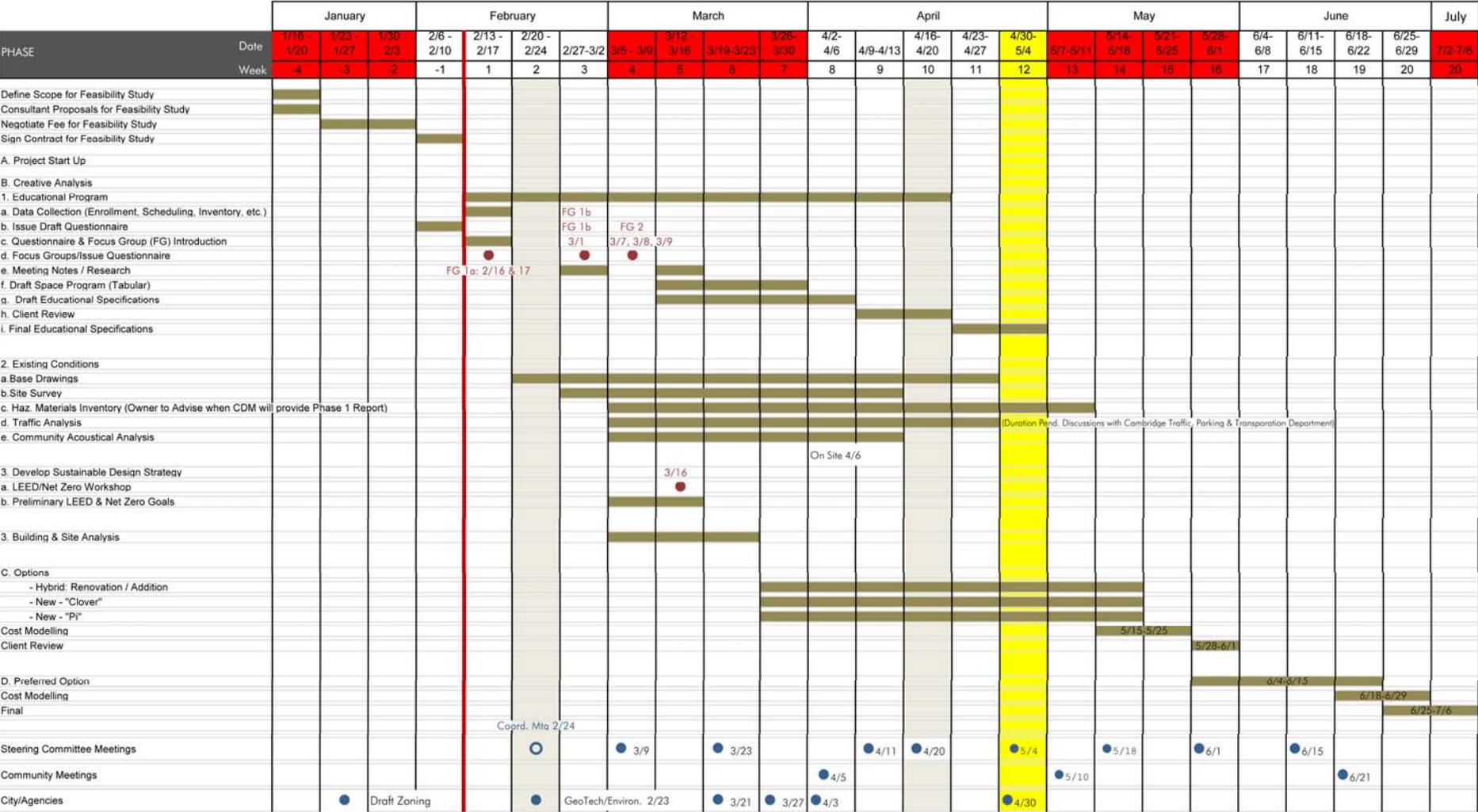


- 5/7/12 – Review three concept schemes and test energy performance for each with conceptual energy models
- By 5/10/12 - Review three concept schemes and develop impact of each on NZE goals – review will primarily consist of an analysis of how each scheme impacts the placement of the renewable energy systems and geothermal well field – particularly as it impacts the cost of each system.
- By 5/14/12 - Provide guidance to cost estimator on overall size of renewable energy system and differences in installation requirements between the three schemes – this will primarily consist of where and how PV would need to be mounted in each scheme and the cost impacts for different installation conditions.
- By 5/23/12 – Provide analysis of variations in relative annual energy performance for the three schemes. (we expect that the differences while noticeable, will not vary by more than 5-10% across the schemes assuming the building square footages are comparable).
- First week of June – WebX meeting with owner and team to discuss preferred scheme and integration of NZE.
- Month of June – further refine NZE impact for preferred scheme including better understanding of integration of PV and geothermal.

Schedule

MARTIN LUTHER KING JR. SCHOOL

Perkins Eastman
4/30/2012



Legend:

- Activity Duration
- Meetings
- User Group Meetings

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