

June 2015

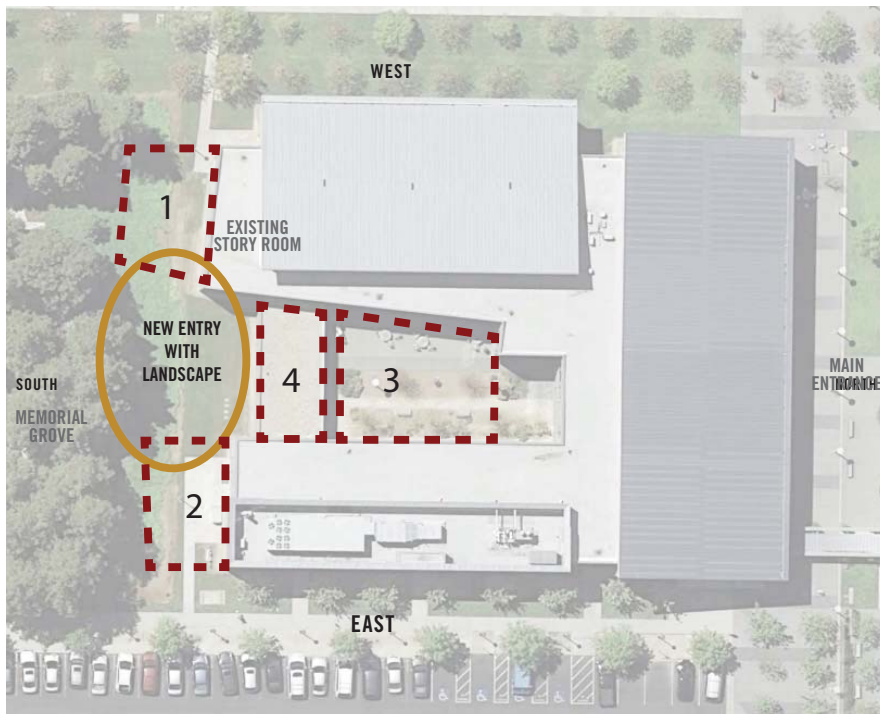
LIBRARY EXPANSION STUDY

The Cupertino Library is one of the city’s great attractions. With over 850,000 visitors each year, the Library is challenged in its ability to accommodate the many community programs it organizes and hosts. As part of the Civic Center Master Planning (CCMP) process a Library stakeholder group comprising of representatives from the Cupertino Library Commission, Cupertino Library Foundation, Friends of the Cupertino Library, and the County Library staff helped define the Library Program Room and evaluate the options. In consultation with the stakeholders and as directed by the City Council the Civic Center Master Plan explored 4 library expansion options to accommodate a 130-seat Program Room. This expansion will alleviate the pressure on the Community Hall which is frequently used by the Library for its programming.

The CCMP proposes to expand the existing library by 2,000 square feet to accommodate a 130-seat Program Room. Ancillary facilities such as new entry courtyard, lobby, restrooms and storage will be added as part of the expansion. The proposed expansion would occur on the south side of the Library and be accompanied with site improvements that provide easy access to visitors beyond the Library hours. The expansion provides a wonderful opportunity for the Library to open up and interact with the Memorial Grove. The south entry courtyard would include steps and seating serving as an additional outdoor spill-out space and integrating the Grove into the Library landscape.

The expanded library area will be constructed to meet LEED Certified criteria and, among other elements, would incorporate at least the following:

- Resource-efficient performance measures within the building, (efficient building skin to minimize heat gain in warm seasons and heat loss in cool seasons, efficient heating/cooling systems, auto shut-off water valves and lights, natural lighting, efficient light fixtures, etc.);
- Green-roof to reduce stormwater runoff;
- Permeable/pervious/porous paving to allow stormwater infiltration on site;
- Bicycle parking facilities to encourage and accommodate cycling; and
- Electric vehicle charging stations.



CONCEPTS:

Each of the following four Library expansion concepts studied accommodate a minimum of 130 seats and have the flexibility to be partitioned into two smaller Program Rooms as needed. The options are:

- 1. West Wing Expansion-** an expansion of the existing Story Room;
- 2. East Wing Expansion-** New 130-seat Program Room;
- 3. Courtyard Infill Expansion-** Enclosing the outdoor courtyard space as a large Program Room;
- 4. “Perch” addition-** A second floor addition that bridges the east and the west wing.

OPTION 1: WEST WING EXPANSION

This option expands the existing Library Story Room as a single story addition that accommodates an entry lobby, additional restrooms, a storage and the 130-seat Program Room. The 30-seat Story Room is now able to accommodate 130 people. This option lends itself to having visibility and accessibility from Torre Avenue but has some challenges. Some of the pros and cons are listed below.

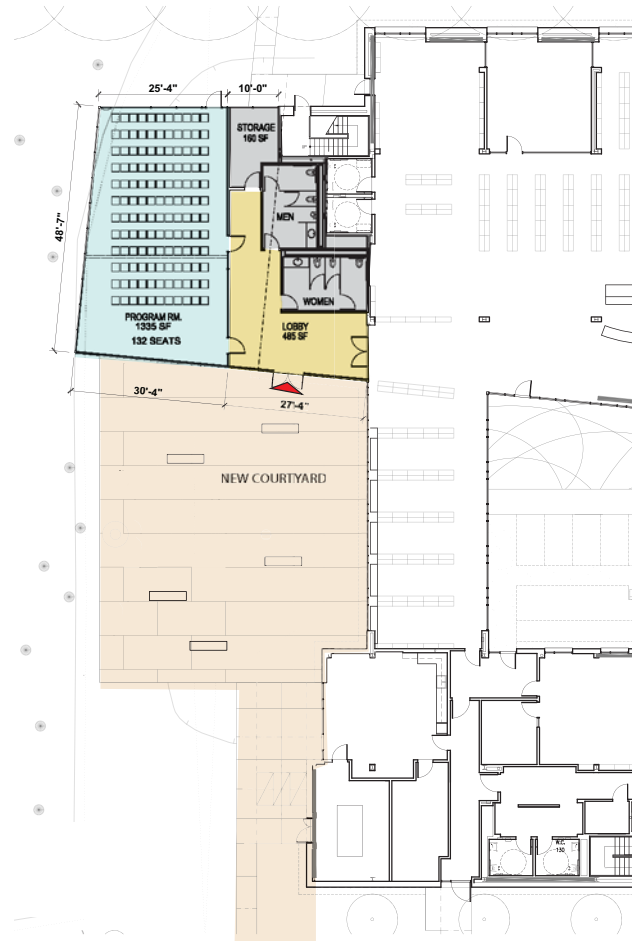
PROS:

- Most compact addition
- Visibility and accessibility from Torre Avenue
- Cost effective
- Does not affect the rest of the Library function

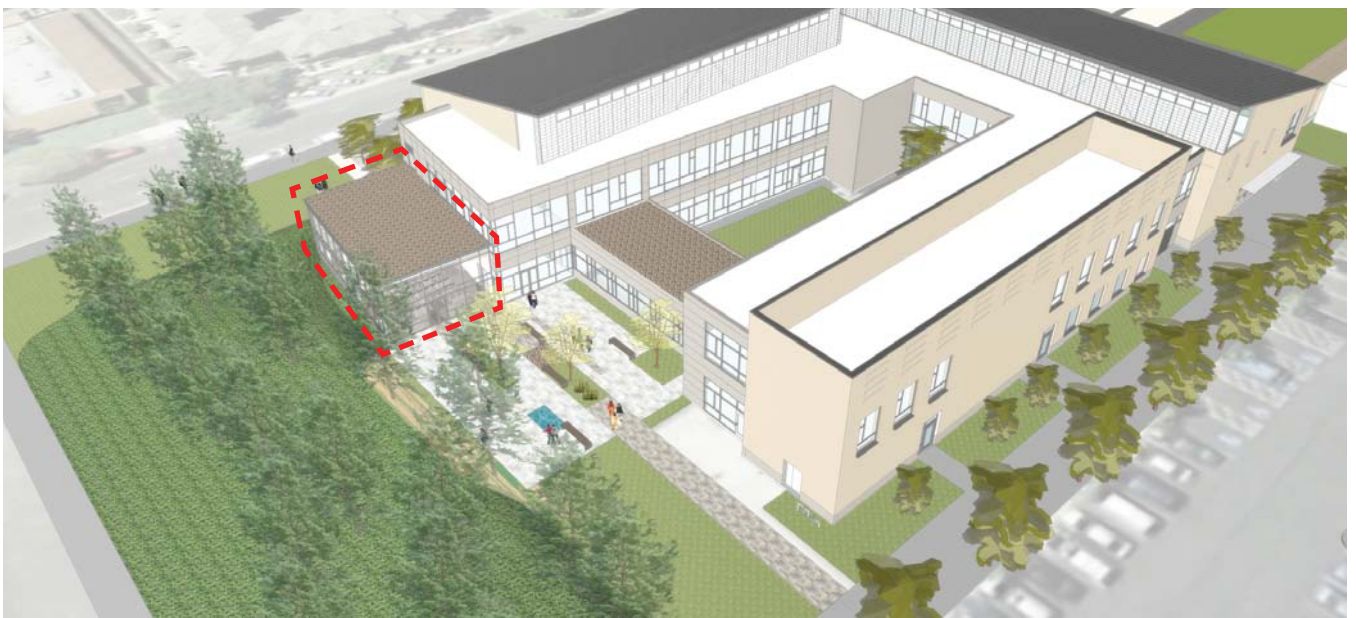
CONS:

- Shape of the room is not ideal and the seating is tight
- Height of the room is limited due to its adjacency to the Quiet Study Room on the second floor
- Disruption of Quiet Study room activity during construction
- Located far from existing Mechanical Penthouse/ Rooftop Equipment on the east wing roof. This will require an additional sub unit over the addition and will be visible from the Quiet Study Room
- Memorial Grove Trees will be impacted
- Loss of existing Story Room

ESTIMATED PROJECT COST: \$5.1M



GROUND FLOOR PLAN



OPTION 2: EAST WING EXPANSION

The East Wing expansion involves a new construction of a single story building adjacent to the existing east wing of the Library. The expansion provides room for an additional 130 seats for events. Some of the pros and cons are listed below.

PROS:

- Compact addition
- Cost effective
- Ideally shaped that allows seating flexibility
- Ideal ceiling height achievable
- Adjacent to existing mechanical equipment penthouse on the east wing
- Possibility of retaining existing Story Room
- Minimum disruption of Library operations
- Adjacent to and easy visibility from existing parking

CONS:

- Employee Breakroom will require relocation (Cost)
- Some Library stacks in the Children's Reading Area will be affected
- Some impact to Memorial Grove is expected.

ESTIMATED PROJECT COST: \$5.3M



GROUND FLOOR PLAN



OPTION 3: COURTYARD INFILL EXPANSION

The Courtyard Infill expansion involves the new construction of a single story building that would occupy the interior courtyard space. The expansion provides room for up to 150 additional seats for Library events. Some of the pros and cons are listed below.

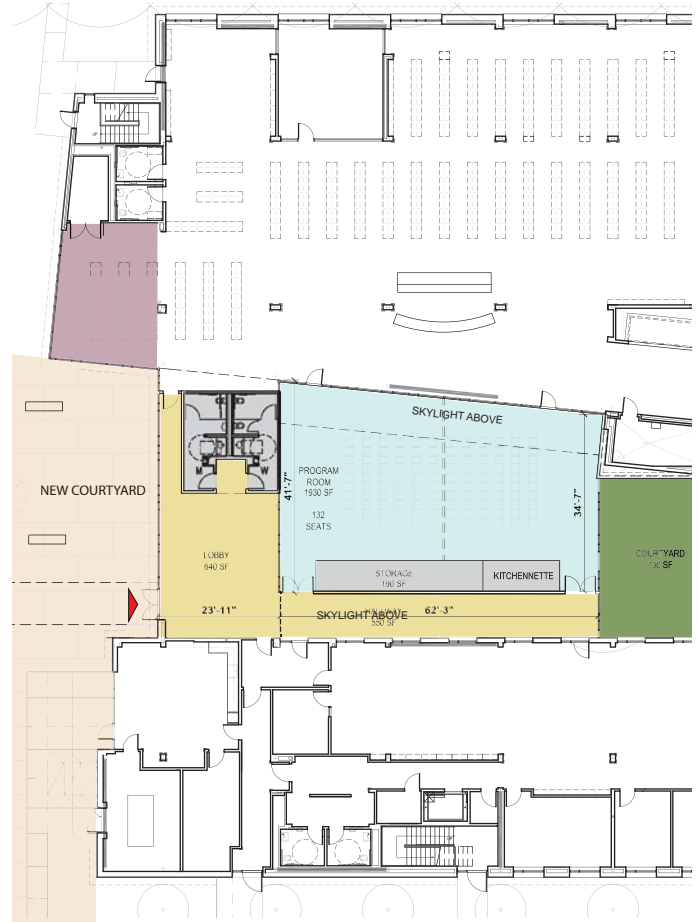
PROS:

- Ideal ceiling height achievable
- No impact to Memorial Grove trees
- Can accommodate 130-150 seats

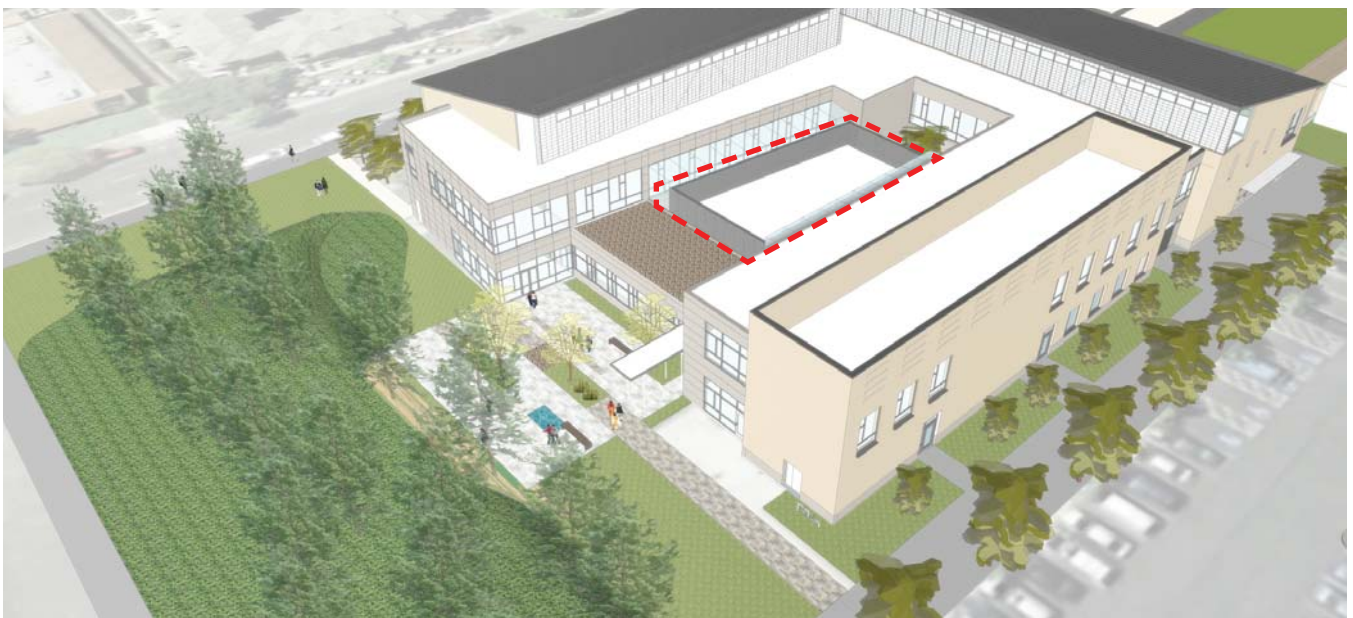
CONS:

- Large addition (Cost + Flexibility)
- Daylight to Library and Employee Office areas will be greatly compromised
- Will greatly impact library functions during construction
- Many Library stacks will need relocation
- Loss of existing Story Room
- Loss of 80% of the Courtyard
- Wayfinding can be a challenge past library hours since it less visible
- No views to the outside landscape

ESTIMATED PROJECT COST: \$6.0M



GROUND FLOOR PLAN



OPTION 4: “PERCH” ADDITION

The “Perch” expansion involves the new construction of a two story building that would be built above the Children’s Reading area. The expansion provides room for 130 additional seats for events. Some of the pros and cons are listed below.

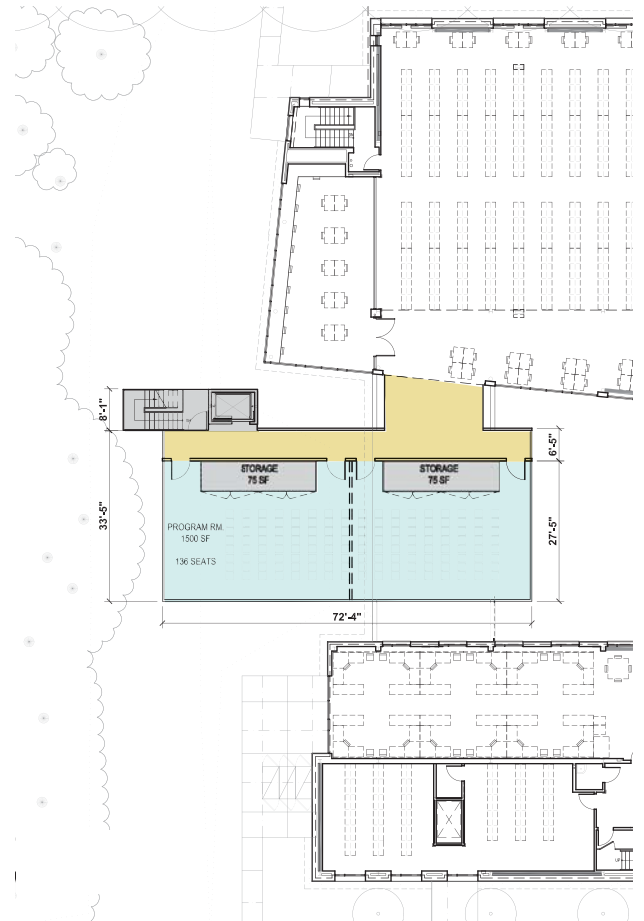
PROS:

- Ideal ceiling heights achievable
- Room shape is ideal and allows seating flexibility
- No impact to Memorial Grove
- Easy visibility from parking lot
- Adjacent to existing mechanical equipment penthouse
- More roof surface for photovoltaics
- Minimum impact to permeable surfaces
- Optimal views to the landscape outside
- Existing Story Room can be kept intact
- Minimal disruption of Library during construction (no relocation)

CONS:

- Most expensive
- Daylight to children’s stacks will be compromised slightly.

ESTIMATED PROJECT COST: \$6.9M



SECOND FLOOR PLAN

