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Executive Summary

Noll & Tam Architects was selected by the Berkeley Public Library in February 2014 to conduct a study of the Central Library public spaces. Working with the members of the library staff and community, Noll & Tam assembled a list of desired improvements, and then performed evaluation of the existing facilities with a team of specialists and engineers.

The Berkeley Public Library Strategic Plan 2008-2011 included as a service response, “providing a welcoming, safe, comfortable environment”, “Strategic Goal #4: Berkeley residents enjoy libraries with welcoming, safe, functional and comfortable environments”, and “Initiative 4e: Identify physical enhancements to make the Central Teens Room more welcoming to teen patrons”. Opportunities for improvements were suggested across all floors including: signage, layout of collections and operations, and lighting upgrades. The plan recognized a need to holistically approach design challenges as all public space and services are interconnected. Noll & Tam studied these suggestions and put together an initial list of recommendations for further development.

Proposed improvements have been refined and improved through discussions with the library, special meetings open to all library staff, meetings with the Berkeley Public Library teen focus group, and meetings open to the public, held on site at the Central Branch. Participation by all parties was enthusiastic and imaginative, and the recommendations presented in this final draft of the report have benefited from this wide variety of input. Documentation of these meetings is included towards the end of this report.

A detailed estimate of the construction costs for all the recommendations is included at the end of this report with the other specialists’ reports. The summarized estimated cost for each item is also presented in the “Improvements” section of the report, so that the list can be used as a menu of selections. Options A, B, & C in the “Improvements” section are suggestions of how to incorporate an enhanced teen area to better accommodate youth ages 10-19 into the existing library framework and the various other collections that would be impacted by this renovation. Further divisions represent common areas and floor by floor improvements to be selected as an à la carte menu, and are estimated by cost individually.

The Berkeley Public Library will use this report to choose the desired construction scope for the Central Library area improvements. Noll & Tam will produce construction documents to reflect the selected scope, and construction on the first phase of library work is estimated to begin in 2015.
Background

As part of its service model, the Berkeley Public Library is obligated to look at its facilities and make certain they function well to ensure the best use of space for patrons and staff. In support of this standard, the Library employed the services of Noll & Tam Architects and Planners to conduct a review of and make recommendations to improve the interior public spaces of the Central Library to ensure the best and most effective functionality of this treasured community resource.

The Berkeley Public Library consists of the Central Library prominently located in downtown Berkeley and four neighborhood branch libraries. The Art Moderne-style Central Library was designed by local architect James Plachek and completed in 1931. It is one of the downtown area’s major architectural treasures. The building’s unusual murals, decoration, and large industrial windows led to its placement on the National Register of Historic Landmarks in 1982.

In April 2002, the Central Library completed a major renovation and earthquake retrofitting project financed by Measure S, a 1996 voter approved $30 million bond measure to finance the rehabilitation of the library and other downtown Berkeley civic center area improvements. Selection of a design firm began in 1997, with planning continuing through 1998. At completion, the Central Library was dramatically enlarged (almost doubled in size), retrofitted, and restored by the firm Ripley/BOORA Associated Architects. The goal for the Central Library’s major renovation and expansion effort was to adapt the historical structure for the delivery of library services into the 21st century without diminishing the building’s original significance and charm. Bookstacks and a 1960s addition were removed, and historic spaces were returned to their original beauty, including the reading room, reference room, and children’s library. Original lanterns were replicated and intricate ceiling stenciling restored. The expansion and the addition of a new wing increased the library’s shelf capacity, staff work spaces, and provided space for public access computers, an electronic classroom, and a public meeting room.

In early 2009 at the time of planning for the Measure FF Branch Libraries Improvement Program, the Library engaged the services of Page + Moris, LLC, a design consultancy office, that included a study of usage at the Central Library and recommendations for interior facility enhancements. The final report was completed in August that year and presented a range of findings and suggested responses. Based on the Library’s then available resources and operational constraints some of the findings were implemented while others were left to be addressed at a future date. Additionally, the Berkeley Public Library Strategic Plan 2008-2011, Shaping the Future of Your Library, (subsequently extended through 2013) included as a service response, “Providing a welcoming, safe, comfortable environment”, “Strategic Goal #4: Berkeley residents enjoy libraries with welcoming, safe, functional and comfortable environments”, and “Initiative 4e: Identify physical enhancements to make the Central Teen Room more welcoming to teen patrons”.

Since then, staff has identified additional facility needs and opportunities beyond those identified in the Page + Moris study, which remains relevant to the service environment at the Central Library. And, as the Page + Moris study was confined to the first three floors in anticipation that those floors would be the most impacted by the then forthcoming branch closures due to the Measure FF bond program, opportunities for service enhancements via physical modifications outside of those
floors were not included. With the completion of the Measure FF program, the Library has refocused on the infrastructure needs at the Central Library, re-examining the recommendations and outstanding issues identified in the initial study (as well as those received from staff) but not addressed specifically in the changes considered or made. In addition, the fourth floor children’s services and the fifth floor Art & Music areas have been included to identify:

- Opportunities to improve the layout of collections and operations, including new furniture, types of seating, stack display types and arrangements, public service desk locations and configurations, and public computer configuration and placement;
- Improved lighting that meets all applicable standards, including that for libraries;
- Way-finding signage and visibility;
- Interior finishes, including wall coverings and flooring;
- Selection and specifications related to furniture and fixtures;
- Options to address the need for quiet and group study areas;
- Options to address the need for adequate and appropriate space to meet the needs of teens, youth, and their caregivers;
- Deferred maintenance issues relevant to the public spaces and provision of service;
- And, challenges and opportunities to prepare for the future by integrating flexibility as a goal in planning.

This report encompasses alternatives and innovative solutions to improve interior public spaces within the existing square footage of and without substantial structural modification to the Central Library building. Project components may be phased in over a period of time to allow for continuity of services while selected areas are under renovation, negating the need for the Central Library to close at any time for renovations and mitigating the impact to public service.

**Teen Space**

A significant finding in the Page + Moris study and initiative identified in the Library’s Strategic Plan is the need for an enhanced teen space at the Central Library. Teens are an important patron group and the current space does not meet their needs; rather, it is a dimly lit, uninviting space that serves as a passageway from the east elevator to the reference area as well as the historic lobby and reading room. Enhancing the teen space at the Central Library is a direct public service improvement and is critical to staying connected with the community and continuing to be relevant to the city’s changing demographics.

Teens, between the ages of 10-19, comprise about 14% of Berkeley’s population (2012 American Fact Finder Community Survey) and the Central Library is situated a half-block away from Berkeley High School and 3,200 students, providing optimal access to information and entertainment resources during the school’s non-operating hours. Enhancing a dedicated space for teens at the Central Library that is welcoming, accessible, comfortable, and user-centered is integral in attracting teen users and providing a positive library experience, thus encouraging teens to become lifelong library users and supporters.
Process

In addition to reviewing the Page + Moris study recommendations and problem areas identified in the City of Berkeley RFP Spec. #14-10812, Noll & Tam solicited staff, teens and community input as to aspirations for and what is and is not working with the Central Library public spaces in order to recommend functional improvements to better the experience for both public and staff and meet current and future needs.

Steering Committee

A steering committee comprised of library staff was formed to provide project oversight and guidance, represent and advocate for the various Central Library divisions and communicate updates to and ideas from staff. The design team and steering committee members met three times and the committee communicated several key aspects relevant to the Central Library’s service environment: the need for a new teen room, additional / different types of seating, quiet study rooms, improved collection access, improved lighting and most of all flexibility of space.

Staff

The design team facilitated four staff workshops soliciting staff input and feedback on space usage and functionality. Summarized points shared by staff include: with the advent of a new teen room, adult collections should be contiguous and not fragmented; linear feet of shelving do not tell the story of a collection’s size or quality. Attention should be paid to the proximity of service points in relation to collections. The public spaces should be designed to be flexible and allow for changes in the future, especially since usage can be expected to change with emerging technologies; and, there should be more and comfortable seating; varied seating heights are needed in children’s room.

Additionally, carpeting for acoustic purposes could be an issue, perhaps limited to only some areas. Sight lines are very important to keep in mind when considering furnishings, which should balance comfort and utility. There should be a balance between traditional and new in the public spaces: historic lobby chairs and display cases should remain but would like to see an expansion of digital displays inclusive of touch-screens to encourage patron interaction. The design team should make suggestions as to what to keep, refinish and replace. Attention should be paid to the existing great spaces and find ways to accentuate their qualities; it would be nice to identify non-meeting room public spaces to be used for events.

Teens

A taskforce of thirteen high school-aged teens was convened to provide input into the needs and desires for an efficient, innovative, teen-inspired space. For their participation, the teens each received a thank you letter and a letter of recommendation signed by the Director of Library Services as well as a small stipend. The design team’s teen consultant facilitated three taskforce meetings inclusive of a site visit to another teen library space, soliciting feedback on possible teen room location, features, amenities and elements: seating, proximities, collection shelving, electronic resources, lighting, use and activity, wall treatments, signage, materials and sustainability issues. The teens synthesized ideas about what could go into the space and prioritized their ideas for a mature and flexible space so that as needs and activities change the area can be adapted accordingly.
Community

Two public workshops were held on an evening and weekend day to share information with and solicit input from the community. In general, there was support from the community for the need to improve the teen room but concern about the potential impact to the other public spaces and collections depending on room location. In general, careful consideration should be given to the balance between shelving and seating and types of seating. While it is important for the library to stay current and relevant to community needs and expectations, the “soul” of the building should not be lost; greater staff visibility at the public entry was desired highly.

Board

The design team presented its findings and recommendations to the Board of Library Trustees at a special meeting workshop in July 2014, during which public comments about the study and recommendations were heard. The Board approved development of a new teen room on the first floor of the Central Library, which is the option supported by teens and most staff, allowing for the greatest opportunity to improve access to the collections and make adjustments to the lobby area. The Board provided the design team with additional direction to a) keep the fiction collection together, b) retain a “community owned space” for information sharing, c) create staff presence closer to the entry and d) have continued and greater teen involvement throughout the process. We thank the Board for their support and direction.
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**Acknowledgments**

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Berkeley Central Library
First Floor

Existing Plans

Berkeley Central Library  13
Existing Plans

Scale 1/16" = 1'-0"
Berkeley Central Library
Fourth Floor (Children's Collection)

Story Time Room
AV Collection
Service Desk
Computers

Scale 1/16" = 1'-0"
Berkeley Central Library
Fifth Floor (Music and Art Collections)

Scale 1/16" = 1'-0"

Existing Plans
Berkeley Central Library 21
Proposed Improvements

Noll & Tam Architects has compiled proposed public area improvements for the renovation of the Berkeley Central Library into the following pages. This list is intended as a starting point for further refinement once a specific construction scope and budget are selected. At that point a more extensive design process can begin with additional input from staff and community members to bring the conceptual ideas outlined here to fruition.

The improvements section is structured as a complete list of possible improvements that were explored. It is organized numerically from 1 to 76. Each number represents one individual renovation component. Numbers appear only once in the report. (Cross references across numbers are noted to avoid duplication.) Floor plans are included and numbered to correlate with these renovation components to illustrate their scale and impact. Each number has a specific cost estimate attached to it so that total construction cost can be understood for a proposed improvement phase.

Special consideration is given in the proposed improvements to the needs of a new Teen Room. The first three sections of the possible improvements are titled as Teen Room Option A, Teen Room Option B, and Teen Room Option C. Each of these options represents renovation components packaged together that work cumulatively to address all aspects of incorporating a new space just for teenagers. Each option proposes adding the Teen Room to a different floor of the library and illustrates what ripple effects will be caused by this addition across all floors of the library. Only one option is intended to be selected.

The next section, titled Teen Room Common Elements, represent changes that can be made regardless of which option is chosen for the incorporation of the Teen Room. These upgrades are unique to the Teen Room wherever it is placed. The remaining sections of the proposed improvements are specific to a floor of the library or generally applicable to the entire library and are titled as such.

Note that specific products shown are recommendations, but choices will be further refined as the design process continues. They are examples of style and quality to assure an accurate cost estimate.
Teen Room
Option A

Berkeley Central Library
First Floor

- Teen
- Non-Fiction

Berkeley Central Library
Second Floor

- Study Carrels
- Fiction
- Periodicals
- Reference

Berkeley Central Library
Third Floor

- Fiction
Teen Room Option A
(Teen Room on First Floor)

1. Convert first floor fiction room to teen room.
   a. Remove shelf infill between central columns at entrance.
   b. Infill 4 openings with frameless glass doors.
   c. Separate room into major and minor sections with north-south glass partition.
   d. HVAC adjustments to account for newly separated spaces.
   e. New lighting.
   f. Replace ceiling to accommodate lighting changes (allow extra for decorative ceiling tile.)
   g. Develop window seats.
   h. New flooring (assume linoleum) see 19 h.
   i. Painting (included in 19 i).
   j. Teen Room furniture and features; see details under 19.

1e: Teen Room on First Floor:
   • New LED at panel 2x2 fixtures, shown in 4x4 layout (Maxlite).
   • New triangular at panel fixtures (Mark Lighting).
   • New 2x2 grid ceiling installed on diagonal.
2. Convert first floor carrel/gallery space to non-fiction shelving.
   a. New full-height library shelving this area.
   b. New lighting.
   c. Pull (e) light fixtures out of ceiling and columns and patch.
   d. New signage.

New Non-Fiction Stack Area:
- Remove existing uplights at columns.
- Install new linear fluorescent 2-lamp up/down fixtures (Finelite series 16).
- Install new semi-recessed compact fluorescent or LED downlight with exposed glowing ring (Pathway Lighting).

3. Conversion of (e) teen room to different library collection – fiction, in this case. See details under 33 – second floor.

4. Conversion of third floor to hold part of fiction collection. (Or, operational option: use 3rd floor for International collection; keep fiction collections all adjacent. No change in cost.)
   a. Modify shelving.
   b. New lighting.
   c. Redo ceiling.
   d. Refurbishing finishes.
   e. New signage.
5. Periodicals, gallery space and study carrels move to reconfigured reference room.
   a. Conversion of (e) Reference Room to more flexible space. See details under 32 - second floor.
   b. Modify some wall shelving to gallery function (inset lighting) on south wall.
   c. Cost increase for special periodical shelving, integrated in to (e) wooden perimeter shelving (assume north wall).
   d. New low reference shelving, mobile sections, with historically compatible wooden tops (cost included under a. above).
   e. New, smaller, mobile study carrels (or tables with carrel dividers?)

6. Reference desk area is reconfigured; east half to receive collections.
   a. Reference desk casework is cut down and reconfigured. See details under 34 – second floor.
   b. Staff space behind is reconfigured.
   c. New shelving installed for collections.
   d. New lighting; reconfigure and re-use stack-mounted lighting salvaged from tall reference stacks that are removed.
   e. New signage.

6d: Reference Desk - Reconfigured:
   • Relocate some of remaining (e) stack mounted linear fixtures from reference room as shown, provide new modified mounting as required. Lighting levels to be confirmed.
   • Add new 2’ linear fluorescent wallwash fixtures at rear shelves. (Litecontrol)
   • Install new recessed 1x4 linear fixtures at work room (Finelite HPR/LED).
   • Install new LED pendant downlights for task lighting at reference desk (USA1).
7. Reconfigure holds/self-check area to include OPAC stations and community board from previous study carrel/gallery space.
   a. Reconfigure shelving.
   b. Redo some lighting to accent new functions.
   c. New signage.

Subtotal Teen Room Option A
$1,737,912
Teen Room Option B

(Reference switches with Teen)

8. Conversion of (e) Reference Room to more flexible space. See details under 32 – second floor.


10. Conversion of (e) Teen Room to different library collection - Reference, in this case. See details under 33 – second floor.

11. Additional work in (e) Reference for Teen Room Option B
   a. Infill 3 high wall openings at (e) reference room with laminated glass.
   b. HVAC adjustments to account for newly separated spaces.
   c. Modify some wall shelving to gallery function (same as item 5 b).

Subtotal Teen Room Option B = $1,067,191
Teen Room Option C
Teen Room Option C
(Third Floor conversion to Teen)

12. Frameless laminated glass infill entire mezzanine edge.  See details under 45 – third floor.

13. Lighting improvements.
   a. New lighting to work with new flexible configuration.
   b. Replace ceiling to accommodate lighting change.

14. Removal/conversion of (e) wall-mounted shelving.

15. Repainting of space. (included in item 19 i.)


17. Conversion of (e) Teen room to Periodicals
   a. Conversion of (e) Teen Room to different library collection - see details under 33 – second floor.
   b. Cost increase for special periodical shelving.
   c. Additional lounge seating and low tables.


Subtotal Teen Room Option C = $794,278
13: Mezzanine
- Install new curvable glowing light pattern
- Install new recessed glowing large scale circular fixtures, Mark Lighting
- Install new recessed 1x4 stack lights, Axis lighting
- Install new linear wallwash fixtures at bookshelves, Peerless lighting
- Create cluster of circular fixtures for emphasis at desk area.
Third Floor Changes
Teen Room Option C

Scale 1/16" = 1'-0"
Teen Room Common Elements
(include with every Teen Room location option)

19. New Teen Room furniture and features
   a. Adjustable foam pieces. (from Six Inch, item is Dual Cut)
   b. Screens. (from Steal Case, item is Campfire Screen)
   c. Tables + chairs
   d. Custom wooden rolling bookshelves.
   e. Mobile gallery walls.
   f. New (dignified, understated) signage.
   g. Small new staff station for within Teen space (casework, power, data.)
   h. New flooring. See linoleum – item 1 h.
   i. Painting.

19 = $211,983
First Floor Potential Improvements

20. Replace pavers inside entrance with new precast pavers.
   a. Move all shelving in this area for access to floor.

21. Improvements to guard station
   a. Relocate against wall to the east.

22. Improve lighting right inside entry doors.
   a. Replace lighting elements at existing recessed ceiling panel locations.

![Diagram of Library Entrance]

22: Library Entrance:
  • Remove existing large scale square panels.
  • Install new LED panel fixtures to match existing panel size (Maxlite).

20 = $190,675
21 = $2,869
22 = $4,304
23. Replace glazing at sidewalk-level windows with new tempered glass.

24. Add librarian station into main desk. (This is an operational matter for the Library; listed here to remind us but no infrastructure cost is anticipated.)

25. Construct a small librarian station in the space closer to the front door.
   a. Casework (reconfigure from existing locations).
   b. Minor adjustments to shelving and lighting.
   c. Rearrange holds area and OPAC tables into space where current desk is.

26. Create a more welcoming seating area in the space immediately inside the front door.
   a. Adjustments to shelving and lighting.
   b. Bench seating integrated with shelving.

27. Create signage installation prominently displaying what books are shelved on which floors. – include cost to redo (e) floor-by-floor, signage at stair entrances

28. Install electronic sign regarding Foundation campaign near front entry. – digital display on permanent furniture

29. Improve Community Information area. – casework, flyers, bulletin board
   a. More prominent signage.
   b. Designated area for Friends and Foundation brochures and information.
   c. Digital information board.

30. First Floor Study Room Option –
   a. Construct study rooms in area where OPACS and community Board are now.
   b. Adjust lighting, power and HVAC to support study rooms.
   c. Include changes to Holds area to accommodate OPACS and community board as shown under 25 – first floor.

31. Repaint first floor.
Second Floor Potential Improvements

32. Conversion of (e) Reference Room to more flexible space  (Staff notes: with more moveable tables, the Authors Dinner could be held in this room.)
   a. Removal of (e) reference stacks.
   b. New low shelving on casters.
   c. Modify (e) wooden perimeter shelving to become adjustable; refinish.
   d. Fill 4 (e) openings with frameless glass doors
   e. HVAC adjustments to account for newly separated spaces.
   g. New lighting for main room – replace x existing ceiling fixtures with custom to match but twice as big. Allow at least $4,000 each. (Confirm with old drawings that these were built 12 years ago.)
   h. New lighting at built-in wall perimeter shelving – new up-down fixtures at existing locations, but raised overhead.
   i. Acoustic infill in ceiling coffers. (Engage acoustic specialist for additional acoustic suggestions.)
   j. New options for electrical power – core locations in floor. (assume 12 locations)
   k. Paint touch-up where finishes are affected.
   l. New tables and chairs.

Reference Room - Reconfigured:
- Replace existing small scale pendants, provide new larger scale pendants with similar design and higher light output (allow $4,000 per fixture).
- Reuse existing linear stack mounted lighting fixtures, provide new modified mounting as required.
- Remove (e) perimeter wallwash fixtures and replace with remaining (e) stack mounted fixtures, provide new modified mounting as required and clip-on glare shield (Delray Lighting).
- Reuse table mounted task lighting as required.
- Install new asymmetric linear LED uplighting at perimeter shelving. Provide 2” lip to conceal lighting fixture (Finelite Series 11/LED).
33. Conversion of (e) Teen Room to different library collection
   a. Replace all freestanding stacks with new shelving; consider re-use depending on needs of collection going in
   b. New lighting, possibly mounted on top shelf of new tall stacks.
   c. Replace ceiling to accommodate lighting change.
   d. New signage.
   e. New flooring.
   f. Painting.

33b: Existing Teen Room to Stack Area:
   - Install new high output linear fluorescent uplights on top of stacks, provide 3" lip to conceal fixtures. Confirm 18" minimum distance between top of stack and ceiling height.
   - Install new recessed 2' linear wallwash fixtures. (Litecontrol)
34. **Reconfigure reference desk area.**
   a. Improve lighting.
   b. Modify casework to decrease size; create patron help desks. (Consider re-purposing some of the space behind the service desk.)
   c. Create interactive digital display area.
   d. Upgrade electrical access to support these changes.

35. **Improve historic lobby**
   a. Acoustic paneling in wall niches.
   b. Additional seating areas.
   c. Carpet.
   d. Create vertical display cases throughout building to replace table-style displays here. *(Note that horizontal display cases may be original, and should be located appropriately elsewhere in the building if moved from here.) (assume 4 locations) ~ 6x6, 12 inch deep.*
   e. Lighting improvements – add sconces on walls; lower historic pendants; core drill for floor-mounted outlets for removable lamps. (8 locations)

35e: Historic Lobby:
- Lower existing historic pendants approximately 4 ft.
- Replace existing recessed downlights with new high power LED downlights (Gotham Lighting).
- Install new linear glowing sconces on column at approximately 10’ a# (Visa Lighting).
- Install new asymmetric uplights on columns at level of 3rd floor, see sketch
- (Elliptipar Lighting).
36. Improve Acoustics in Main Reading Room
   a. Carpet.
   b. Put soft caster or feet on chairs and/or tables.

37. Replace linoleum flooring throughout modern area of the building on the second floor.

38. Computer Area Improvements - Option 1 – reduce number and space farther apart in existing space.
   a. Reconfigure power.
   b. Repair flooring.

39. Computer Area Improvements - Option 2 - Computers into (e)Teen:
   a. set up separated tables for 20 fixed desktop stations in room;
   b. reconfigure power,
   c. New lighting.
   d. Whichever collection is shelved in that room (depending on option selected) is shelved instead where public computers are now; new lighting and shelving in that space.
   e. (Staff note that either computer room option needs to include the purchase by the Library of better quality laptops for the lending program – cost not included here.)

40. Second Floor Study Room Option – Glass-walled study rooms are constructed where fixed computers near north window are now. (Note that if service desk size is reduced as shown in item 34, additional study rooms may be possible.)
   a. Laminated glass walls and doors.
   b. New furniture.
   c. New lighting, power and data.
   d. Adjust HVAC system to provide ventilation.

41. Refresh finishes and fixtures in second floor restrooms.
   a. RegROUT tile.
   b. Replace mirrors and other accessories in same locations.

42. Repaint second floor.
Second Floor Study Room

Scale 1/16" = 1'-0"
Third Floor Potential Improvements

43. Redo flooring; possibly add softer flooring to improve acoustics.

44. Replace current oversize tables to improve flow, get more seating in.

45. Provide glass infill wall at edge to improve sound and safety.
   a. Frameless laminated glass infill entire mezzanine edge. Set within (e) columns; decorative railing stays in place.
   b. New soffit overhead to catch top edge.
   c. HVAC adjustments to accommodate new enclosed space.

46. Repaint third floor.

47. (Not used)
Fourth Floor Potential Improvements

48. Enhance central area of main room. (Consider integrating fabric on ceiling for acoustic improvements)
   a. New lighting for entire room.
   b. New flooring.
   c. Enhancement of fireplace area – pillows, bigger poster graphics on wall, feature sculpture around fireplace itself – convert into seating nook?
   d. New furniture – possibly mix historic and new – appropriate sizes for each table. Add low tables?
   e. Repaint.

48a: Possible Lighting Updates:
   • Leave (e) linear pendants on either side of main center path.
   • Install new decorative curving ceiling system with integrated lighting element.
   • Install new asymmetric linear LED uplighting at perimeter shelving. Provide
   • 2" lip to conceal lighting fixture (Finelite Series 11/LED).
   • Install new downlight or small decorative pendant at window seat areas.

48 = $195,567
49. **Window seat area.**
   a. Remove end stacks (books integrated onto bottom shelf in remainder of room.)
   b. Repair flooring.
   c. Cushions for window seats.
   d. Tables at window seats.

50. **Entrance archway feature at opening off main stair.**

51. **Enhance storytime room.**
   a. Lighting/finishes/decorative feature in "tunnel." (Could match archway feature at entrance onto floor from main stair.)
   b. Acoustic improvements within the room.
   c. New carpet.

51a: **Tunnel to Storyroom:**
- Install new translucent scrim-like ceiling suspended "banners".
- Install new LED linear lighting element interspersed between hanging "banners".

49 = $18,670
50 = $8,966
51 = $96,534
d. Path in flooring back to desk, then entrance to floor.

52. Change furniture and features to make west window area more identified with kids' floor.

53. Estimate cost for replacement artistic climbing object (when brushmobile must be retired.) (approx. cost for Burgeon Group bookmobile car -

52 = $10,759

53 = $57,380
54. More dramatic signage at restroom doors.
55. Mirror art project across from desk – decoration and also enhanced view into media area.
56. Shelving improvements throughout floor –
   a. Colored slatwall for displays at end panels (approx. cost per end panel - $300)
   b. instead of solid ends at general shelving
   c. instead of wooden box display areas at fiction shelving
   d. New collection signage for tops of stacks.
   e. Better shelving and more room for graphic novels. (approx. cost - $75,000)
57. Media area Option 1 – no location change for functional areas.
   a. New shelving; change to more efficient, quieter shelving style.
   b. Improve lighting.
   c. Clearly designate stroller parking area – need to park up to 30.

57 & 58: Children's Media Area:
- Leave (e) recessed fixtures at window area
- Install new linear pendants to match existing recessed at rear area (HE Williams).
- Consider use of additional wallwashing where needed.
58. Media area Option 2 – switch media with picture book area; convert back room to Family Place, front window to ‘tween area.
   a. Include all costs from Media area Option 1, item 57 above.
   b. Casework demo in existing media area.
   c. New flooring.
   d. New ‘teen area furniture and data and power (8 locations in the floor).

   58 = $157,843

59. General Improvements to fourth floor.
   a. Repaint fourth floor.
   b. Replace linoleum throughout modern area of the building on the fourth floor.

   59 = $137,571
Scale 1/16" = 1'-0"
Fifth Floor Potential Improvements

60. Relocate sports and games books to empty shelves in first floor non-fiction so that collection makes better sense. (Operational; no cost impact.)

61. Improvements to periodical display area.
   a. Relocate general-interest magazines to Periodical Area on other floor. (Operational; no cost impact.)
   b. Condense shelving of Arts & Music magazines. (Operational; no cost impact.)
   c. Convert opened wall area to Reference shelving.
   d. Convert wall that was Reference into gallery space. (Lighting; paint, possible locking glass cases on 50% of wall.)

62. Create music listening/ music practice opportunities: mostly mobile.
   a. Remove closed staff office in center and replace with glass-walled practice and listening room including piano. Provide glass walls and door; adjust lighting, casework, and power.
   b. Library to purchase portable turntables and headphones to check out to patrons. (Operational cost which should be considered; not estimated here.)

63. Changes to shelving.
   a. Incorporate folios with other books – possibly shelving style with pull-out temporary counter surfaces built into stacks.
   b. Replace all CD shelving with more efficient and pleasant browsing shelves – pull-out drawer style for slender jewel cases.
   c. Reduce reference collection; new more efficient shelving.

61 = $50,638

62 = $84,241

63 = $53,938
64. Changes to improve seating.
   a. Create seating area along north and west windows.
   b. Replace current tables with more, smaller tables – 2-top max.
   c. Add pull-down seats at stack-ends. (Price per location - each)
   d. Potted plants under skylight. (donation opportunity)

65. Big moves to allow more flexible use of entire floor (for example, small musical performances.)
   a. Relocate service desk to area facing entrance from stair. (New casework and lighting.)
   b. Switch locations of high stacks and CDs, so that all shelving in largest area of floor is relatively low, and patrons can stand and watch a performance from any location. (All new shelving.)
   c. Create a mix of seating and shelving throughout new stacks area. (All new shelving; furniture.)

66. Digital screen showing display rotating through slide collection.

67. Upgrade mounting system and sound isolation of mechanical equipment over 5th floor staff room to address noise problems in that room.

68. Improve ventilation in fifth floor staff workroom.

69. General improvements to fifth floor.
   a. Repaint fifth floor.
   b. Replace linoleum throughout modern area of the fifth floor.
General Improvements – Possible Throughout Multiple Floors

70. Change hardware/function/signage on doors at link to Kittredge building to allow the public to use the adjacent staff elevator when wait times are long. (Cost per level implemented.)

71. Add push-pad automatic door operators at all restroom doors. (Cost per location implemented – note that Children’s floor needs to retain key access system for their restrooms.)

72. Create artwork display areas at accessible stair landings. (Cost per location.)

73. Install direct-to-police panic buttons at main service desks. (Cost per location.)

74. Replace metal halide lighting on floors 1-3 with new LED fixtures.

75. Repair main staircase.
   a. Replace stair tread and landing pavers.
   b. Regrout stair tread joints.
   c. Replace handrails.

76. Mechanical system improvements  (See Appendix X for additional information in engineer’s report.)
   a. Replace four existing HVAC units with more modern units and better controls system.
   b. Replace existing toilet exhaust fans for greater capacity; adjust for more frequent air changes in restrooms. (Second floor has particularly great need for improved ventilation.)
   c. Upgrade existing control system software for better and more efficient performance.

70 = $3,586
71 = $2,152
72 = $3,586
73 = $3,586
74 = $1,222,672
75 = $166,869
76 = $763,518
Appendix A: Mechanical Report

Existing Conditions and Observed Issues

A. Mechanical Systems
1. The facility consists of two building wings. The Bancroft Wing is a three story building with a mechanical penthouse for an emergency generator while the Kittredge Wing is a five story structure.
2. Bancroft is served by a 65 ton McQuay packaged air conditioning unit with a conventional VAV reheat distribution. The unit is equipped with a hydronic heating coil, DX cooling Coil, VFD driven supply and return fans, dual compressors, and condenser fans. The ceiling is used as a return air plenum.
3. Kittredge Wing is served by four rooftop constant volume Carrier package air conditioning units ranged from 8-1/2 ton to 30 ton, and a VAV rooftop 65 ton McQuay air conditioning unit. One of the Carrier units, AC-3, which serves the Kittredge Wing fourth floor Children Room, is having continuous cycling issue. Modest amount of surface corrosion was observed on the Carrier units. Deterioration of flexible duct connections was also identified. Vibration and higher noise level were noticeable on the fifth floor below the AC units.
4. Six split air conditioning systems are used to serve the 1st floor Bancroft elevator room, Bancroft 1st floor telecommunication room, Bancroft a computer room on the 2nd floor, Kittredge 1st floor elevator rooms.
5. A centrifugal exhaust fan is provided to each of the wings for toilet exhaust. Inadequate ventilation has been noted that the lower floor toilets at the Kittredge Wing. Based on the review of the record drawings, the 8 air change per hour design ventilation rate for the public toilets is low.

6. The original heating hot water boiler was replaced recently with two new RBI condensing boilers for BAAQMD emission requirement. The boilers and the associated circulating pumps are on a common roof mounted outdoor skid.

7. Numerous exhaust fans are installed throughout the building for toilet exhaust.

8. The HVAC system is controlled by a BacNet based Alerton Building Automation System. The BAS system also provides scheduling function for the building lighting system.

B. Plumbing System

1. Each of the Bancroft and Kittredge Wing is served by its own sanitary and storm systems.

2. The fire service enters the building at the South of Bancroft Wing then split into a separate wet standpipe system and a fire sprinkler system. The floor control valve and drain assemblies are located in the stairs at each floor.

3. A 20 hp 400 gpm fire pump is provided to serve the building.

4. The building is served by a 3” domestic water main, which is located at the South of the Bancroft Wing. Each of the wings is served by its own riser. The domestic water system serves plumbing fixtures in the toilets, janitor closet, hose bibbs, sinks, and drinking fountains. A backflow preventer is also provided for the makeup line of the heating hot water system on the roof of Kittredge Wing.

5. The domestic hot water for Bancroft Wing is provided by an electric water heater while the Kittredge Wing is served by a gas fired water heater located at the 5th floor. Both the domestic hot water systems are equipped with a pumped return system.

6. There is a fuel oil systems consists of a 500 gallon underground storage tank, fuel oil pumps, a Day Tank, and associated fuel oil piping. The fuel oil system serves a diesel emergency generator, which is located on the roof of the building.

7. The main gas service is located at the North of Kittredge Wing. The 5 psi medium pressure line extends to the roof to serve the heating hot water boilers. A pressure regulator is provided to reduce the pressure down to 8” w.c. before it split into two branches to serve the boilers and the gas fired water heater at the fifth floor.
8. No issues have been noted for the existing plumbing systems.

C. Electrical System
1. The building is served by a 277/480v 3 phase, 2,000 amp main switchboard, which is fed by a PG&E 12kv-480v pad mounted transformer outside the building. Each of the two wings are provided with its own normal power distribution board, associated risers, and floor distributions. 480-208/120v transformers are provided on each floor for receptacle power and other 120v power distribution. Lightings are generally 277v.
2. Emergency power is provided by a 125kw diesel generator, which is located in a penthouse mechanical room at the Bancroft Wing. The generator mainly serves egress lighting, fire alarm system, elevators, and the fire pump system.
3. The building is protected by an addressable fire alarm system.
4. Most of the lighting in the building is controlled by lighting control switching panels. These panels allow remote manual on/off controls by the users. According to the building maintenance personnel, the control system is also controlled by scheduling input from the BAS system as well. Based on our field meeting and observation, many of the spaces, such as stack areas and other low use areas, can be retrofitted with occupancy controls for energy conservation. In addition, some of areas, such as the 4th Floor Children Media Room, can be improved with better lighting.
5. Many lighting fixtures, such as the wall sconces used in the open areas, are less energy efficient metal halide fixtures. A preliminary lighting retrofit review was conducted by the Community Energy Services Corporation, an independent community based energy services organization, in which a number of lighting replacement measures have been identified.
6. No operating issues have been reported for the power and emergency power distribution systems.

Proposed New Work

A. Mechanical Systems

1. The four rooftop constant volume Carrier package air conditioning units at the Kittredge Wing are over half way of their useful life. Due to the outdated controls, adding a new VFD to control the fan will not be feasible. It would be beneficial to replace these units with more efficient air conditioning units with VFD controlled supply fan for energy conservation. The new units will also address cycling issues the facility is currently experiencing. The new units can be supported by new vibration isolation curbs with acoustic treatment at the bottom of the unit to improve the acoustic condition.

2. Replace existing toilet exhaust fans with a unit with larger capacity. Modify existing ductwork to increase ventilation rate from 8 air change to 12 air change per hour for toilets.

3. New dual max VAV control sequence and system optimization, such as static pressure reset, discharge air temperature reset, and heating hot water temperature reset, should be implemented. The work items involve mostly software upgrade and rebalancing assuming if the existing DDC controllers at the VAV boxes are capable of performing the new Dual Max sequence.

4. Depending on the lighting controls retrofit work, using occupancy sensors to shutoff VAV boxes can also be considered for further energy saving.

B. Plumbing Systems

1. Retrofit existing water closet with dual flush valves for water conservation will result in significant water savings.

2. Consider replacing existing plumbing valves and components with lead free products to comply with State Code.
C. Electrical Systems

1. Substantial daylight is available for the perimeter zones at the Kittredge Wing due to the high percentage of glazing around the North and East exterior walls. Using daylight harvesting system for dimming controls will provide substantial energy savings. These spaces include the first floor Non-Fiction, First Floor Fiction, 2nd Floor Reading Room, 2nd Floor Historic Reference, 2nd Floor Historical Lobby, Fourth Floor Children Reading Room, Fourth Floor Children Story Room, First Floor Bancroft Wing North and South Open Office, and Third Floor Conference Room.

2. Occupancy sensors can be used for the 4th floor Children Reading Room. The room is currently on schedule.
3. Occupancy sensors can be applied to areas with book stacks for energy conservation. These areas include Bancroft First Floor Collection Storage, Kittredge Wing first floor Non-Fiction, First Floor Fiction, Fourth Floor Children Story Room, and Fourth Floor Picture Book.
4. Replace existing wall sconces in different locations with new LED lights for energy efficiency. These areas include Kittredge Wing First Floor Information Desk Open Area, and 2nd Floor Reference Desk Open Area.
5. Replace existing down-lights at the Bancroft Wing 3rd floor Community Meeting room. The Library Engineering and Maintenance Personnel have changed four down lights with LED fixtures with improved results. The rest of the fixtures should be replaced for extended life and energy efficiency.
Appendix B: Teen Consultant Report
Introduction
The design team from Noll&Tam Architects and Planners met three times with the Berkeley Public Library Young Adult Focus Group (named below) for approximately two hours each session. The agenda for the first session was designed to familiarize the group with the overall project, to introduce a visual vocabulary for design choices as well as to begin detecting major aesthetic and value categories. The second session, a tour of a local library’s YA space, was designed to bring many of these aesthetic choices and values into three-dimensional focus. The final session served to confirm that the design team was detecting both the overall categories youth were articulating as well as to determine the degrees of intensity of those aesthetics and values to help inform the architectural, design, and programming choices ahead. The three sessions proved successful in documenting a yield to drive decisions as the project matures through its future phases.

What we learned
In addition to expressing a clear distain for cutesy “spots, dots, and squiggles” associated with forced and child-ish design features, this group, constituted largely of library-using high school-aged youth, consistently articulated preference for sophisticated design considerations. There was a clearly stated and explicit distaste, for instance, for library signage loudly declaring “teen space.”

As the below data document, four major aesthetic themes emerged from discussion, reaction to slideshow images, conversation and observations of the toured library spaces (Oakland P.L., and Berkeley P.L.), the detailed preferences recorded in individual notebooks, as well as discussion at the culminating session (in no particular order):

- Lighting/illumination
- “Comfortability” (comfortable furniture)
- Sensitivity that a more understated look be executed to avoid the space too quickly becoming outdated or go out of fashion (particularly regarding colors and styles)
- Mobility options (physical, special choices, collection, furniture)

One prominent manifestation of this mobility aesthetic appeared with respect to “cave” enclosures - a term N&T introduced to describe smaller, flexible, even temporary, spaces with greater visual separation or implied barriers within the larger YA space. The preference for “caves” appeared frequently in written and verbal comments, further emphasizing broad desire for varying degrees of privacy and publicity.

Beyond these aesthetic themes three programming and design values cohered in written notes and discussion that will help guide the many choices ahead:

1. The degree to which the YA library space’s appearance or “look” should adhere to conventional expectations of a “library”
2. The degree to which the YA library space should be “set-up,” “controlled,” and/or “changed” by library staff as opposed to library users
3. The degree to which library is for individual experience as opposed to social experience
In terms of the degree to which the YA space should “look” conventional or not, the group expressed a very even and broad range of opinion. There is little support for the space to appear entirely conventional nor radically “other” or different. There is equal preference for some convention as well as the unexpected. Significantly, there was only slight undecided or neutral position on this value.

In terms of library or user “control” of the YA space the intensity of preference was clear: youth want more control. How this value becomes enacted rests as much with long-term staff engagement with library users as design and space programming. There is little support for control driven primarily or exclusively by staff or the library. The design implications demonstrated here lead to more user-involved choices about a range of enactments from seating choices and flexibility, spatial decoration and curated art exhibits and representations, though collection development activities, among others.

Finally, unlike for the first two values, the question about the individual vs social experience of users in the YA space revealed more ambivalence. Some privilege individual experience while about the same level of preference intensity privileges social experience. There was no support for an entirely individual experience nor for entirely social. Instead, most preference lies in the middle – indicating a higher sensitivity to offering variety, options, and choice for a broad array of individual and social experience. However, the N&T team detected a preference for the YA space to function within an atmosphere of general quite with more social or higher noise levels being relegated to “caves” or other noise-suppressed areas of the space.
<table>
<thead>
<tr>
<th>Meeting</th>
<th>Location</th>
<th>Agenda</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meeting #1</td>
<td>Berkeley Public Library (Main)</td>
<td>• Review project goals</td>
</tr>
<tr>
<td>(18 March 2014)</td>
<td></td>
<td>• Introductions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Slideshow pass #1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Slideshow pass #2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Next steps</td>
</tr>
<tr>
<td>Meeting #2</td>
<td>Oakland Public Library (Main)</td>
<td>• Tour TeenZone</td>
</tr>
<tr>
<td>(28 March 2014)</td>
<td></td>
<td>• Debrief with Likert scales and Meeting #1 discussions</td>
</tr>
<tr>
<td>Meeting #3</td>
<td>Berkeley Public Library (Main)</td>
<td>• Review of previous feedback (notebook rankings, Likert discussions)</td>
</tr>
<tr>
<td>(15 April 2014)</td>
<td></td>
<td>• New ranking with wall chart attributes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Preview of current building program (building plans)</td>
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<tr>
<td></td>
<td></td>
<td>• Tour of current BPL building program (two locations)</td>
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<tr>
<td></td>
<td></td>
<td>• Meet with City Librarian, D. Corbeil</td>
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<tr>
<td></td>
<td></td>
<td>• Final discussion</td>
</tr>
</tbody>
</table>

This chart below renders a tabulation of the observations recorded in the Focus Group notebooks. Notes (of any kind) were recorded in 12 total notebooks.

- Identify the 5 most popular “Likes” and 5 most selected “Dislikes”
- Identify 3 of the major aesthetic categories or values appearing in the comments (e.g. “lighting” is frequently mentioned under additional narrative comments)
<table>
<thead>
<tr>
<th>Top 5 “likes:”</th>
<th>Top 5 “dislikes:”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) # 30 with 9 Aarhus (red couch)</td>
<td>1) # 41 with 5 Delft DOK (floor pillow)</td>
</tr>
<tr>
<td>2) # 28 with 8 Madison (caves)</td>
<td>2) # 4 with 4 Delft DOK (purple cave)</td>
</tr>
<tr>
<td>3) # 39 with 7 U of Santa Clara</td>
<td>3) # 6 with 4 OPL TeenZone</td>
</tr>
<tr>
<td>4) # 47 with 7 Scotts Valley</td>
<td>4) # 35 with 4 San Mateo (chairs)</td>
</tr>
<tr>
<td>5) # 62 with 7 TioTretton Kulturhuset, Stockholm (“Boom Boom” room)</td>
<td>5) 3 votes each (#5, 16, 38, 55, 56)</td>
</tr>
</tbody>
</table>

Note: In addition to garnering 4 “like” 5 votes (not enough for the “top 5 cut list”) Slide 6 also garnered 4 “dislike.” It was the only item that drew this ambivalent response.

The three major aesthetic categories emerging from the written comments:

- ✓ Lighting/illumination
- ✓ Comfortability (furniture)
- ✓ Mobility (furniture)

“Caves” were also prominent in the written comments
“color” was also prominent in the written comments

Youth Focus Group Participants:
Lily Weiner-Mock
Eva Szilardi-Tierney
Ava Ankrum
Camille Kuo
Cody Feinsod
Daniel Hernandez
Emily Gordis
Enrique Lopez
Erin Gray
Julia Marlin
Miguel Castro
Moses Mascuch
Yilin Xu
Dislikes
Appendix C: Meeting Notes

Meetings

Before proposing improvements for the Berkeley Central Library, Noll & Tam Architects facilitated a series of meetings to better understand the needs of various user groups including library patrons and library staff. Teenage input from the Berkeley Public Library Young Adult Focus Group was collected at three meetings organized with the help of teen programmer, Anthony Bernier, Ph. D to target programming requirements and design esthetics for a new teen space. Two community focus group meetings open to the public were held where concerns and suggestions were discussed addressing all areas of the library.

In the pages that follow are meeting notes. Below is a schedule listing the dates and times of each meeting held during this initial research phase which informed the basis of the proposed improvements.

Noll & Tam – BPL Central Library Area Improvements Meeting Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning Team Meeting 1</td>
<td>February 4, TUE</td>
<td>9:00-11:00AM</td>
<td>Central Library Admin Mtg. Rm.</td>
</tr>
<tr>
<td>Teen Meeting 1</td>
<td>March 18, TUE</td>
<td>3:30 – 6:00PM</td>
<td>Central Library Admin Mtg. Rm.</td>
</tr>
<tr>
<td>Planning Team Meeting 2</td>
<td>March 26, WED</td>
<td>9:00 – 11:00AM</td>
<td>Central Library Admin Mtg. Rm.</td>
</tr>
<tr>
<td>Staff Focus Group</td>
<td>March 28, FRI</td>
<td>9:00 – 10:30AM</td>
<td>Central Library Community Mtg. Rm.</td>
</tr>
<tr>
<td>Teen Meeting 2 (Tours)</td>
<td>March 28, FRI</td>
<td>4:00PM</td>
<td>Oakland Public Library Teen Zone</td>
</tr>
<tr>
<td>Teen Meeting 3</td>
<td>April 15, TUE</td>
<td>3:30 – 6:00PM</td>
<td>Central Library Admin Mtg. Rm.</td>
</tr>
<tr>
<td>Community Focus Group 1</td>
<td>April 16, WED</td>
<td>6:30 – 8:00PM</td>
<td>Central Library Community Mtg. Rm.</td>
</tr>
<tr>
<td>Community Focus Group 2</td>
<td>April 26, SAT</td>
<td>12:00 – 1:30PM</td>
<td>Central Library Children’s Room</td>
</tr>
<tr>
<td>Planning Team Meeting 3</td>
<td>May 7, WED</td>
<td>9:00 – 11:00AM</td>
<td>Central Library Admin Mtg. Rm.</td>
</tr>
<tr>
<td>Staff Workshop 1</td>
<td>May 16, FRI</td>
<td>8:00AM – 12:00PM</td>
<td>Central Library Community Mtg. Rm.</td>
</tr>
<tr>
<td>Staff Workshop 2</td>
<td>May 20, TUE</td>
<td>2:00-3:30PM</td>
<td>Central Library Children’s Room</td>
</tr>
<tr>
<td>Staff Workshop 3</td>
<td>May 27, TUE</td>
<td>1:30 - 3:30PM</td>
<td>Central Library Admin Mtg. Rm.</td>
</tr>
<tr>
<td>Special BOLT Meeting Workshop / Presentation</td>
<td>July 23, WED</td>
<td>6:00pm</td>
<td>South Branch 1901 Russell Street</td>
</tr>
</tbody>
</table>
Lots of responses to question:
What do you do to make your own space your “own” (eg bedrooms)?

First viewing of slide show
Comments culled from first run through slides (in addition to notes recorded in notebooks):
- Movability
- Smaller tables
- More isolated caves
- White boards in caves!
- Softer and less intense color
- Softer light
- Islands too transparent
- Like circular islands
- Flexible/movable partitioning
- “Spots, dots, and bright colors are for children”
- Like patrons posting their own things
- Need good seating

Second viewing of slide show
Comments culled from first run through slides (in addition to notes recorded in notebooks):
- Movability
- Booths (with power – electric)
- Bean bag pit
- Different size groups
- Food permissibility
- Enough pillows “so you don’t have to fight over them”
- Comfort
- Different “levels” but sophisticated
- No neon signs
- No hogging computers or space
- Seating options
- Concern for being “too trendy”
General Observations

- Several share or have recently shared their bedrooms with siblings (several kept bunk bed arrangement even after sibling had moved out)
- Images on walls (posters, photos, images, signs, memorabilia, postcards, art etc.)
- Create “zones” or different activity areas
- Several comments about the posting or representation of/by others (art, photography)
- While spots, dots, and bright colors were not favored over a more sophisticated color pallet, the aesthetic of curvature was pronounced (which contrasts the institution’s utilitarian preference for horizontal and vertical lines)

Major categories of concerns (expressed in terms of scaled ranges or balance)

- **Utilitarian aesthetics** (access, control & surveillance) *vs* **expressive aesthetics** (freedom, privacy within social space, relaxed rules, flexible furnishing, less surveillance)
- **Universal “library” identity** *vs* representation of intense local identity
- YA user as **consumer** of library resources *vs* YA as cultural **producer**
- Focus on user experience as **individual** *vs* users experience as **social**
Meeting Agenda

I. Recap of previous meeting / notes (All)

II. Committee Input (Design Team)
   a. how does the library feel about the current collections/seating balance
   b. philosophy of finishes – indestructability versus acoustics and comfort
   c. what spaces/features in the existing building are sacred – what should we not consider changing

III. Update on Teen focus group meeting 1 / Next Steps (Anthony / Kay)

IV. Prep for Staff Focus Group [agenda, format, note taking, etc.] (Design Team / Suzanne)

V. Prep for community meetings [format, presentation, note taking, etc.] (All)

VI. Preliminary Ideas (Design Team)

VII. Next Steps / Assignments (Suzanne, Design Team)
A staff input meeting was held at the Berkeley Central Library in order to understand the challenges and desires of librarians working with in the space. Comments and suggestions were documented in real time with paper marker board and pen. These typed notes are the compilation of those notes.

What is great about the library?
- Sink in story-time – well used
- Family restrooms
- Friends of Library Bookstore
- Open views/ light
- Big children’s collection
- Computers well used & laptops
- 3rd floor space is generally working well
- connecting staircase in the addition
- Great free info – public info
- 4th floor – good elevator solution that back elevator doesn’t stop

What needs help?
- Sound mitigation
- More/better shelving for graphic novels
- Sightlines in Kids' AV
- More variety of seating: kids & elsewhere
- Places for people to talk, also quiet zones
- Visible staff near entries
- Better security station (no people behind)
- No less shelf space in kids’ area
- Distribute (~) 20% more computers
- Spaces to use laptops & outlets to plug in
- Older kids – younger teens
- Dynamic teen space
- Include space for teen librarian
- Display areas – library programming
- Lighting at reference desk
- Lower density computer use, distribute printing
- Better wireless connection
- Openness on 5th floor
- Smaller storage for CDs
- Seating in stair tower?
Wayfinding in stair tower
Better air circulation
Sightline to elevator on Children’s area
Place for staff to meet with the public: different scales, desk, rooms
More comfortable bench seating in Kids’ area
Better OPAC locations in Kids’
Good location for tax forms
Better traffic flow at front door
More space for flow
ADA-adjustable computer stations

What is your vision for the future?
Flexible collaborative work spaces!
Places to talk/ not talk
Visible friendly staff in Music/AV & every floor
Acknowledge use of Children’s space by teens
Place for chess players
Space for computers to be used by multiple people without disturbing others
Better public info/announcements
Improved wireless technology
One spot for computer needs
Listening station for LPs
Music practice rooms
Reconfigured 5th floor
More art
Children’s entry feature
Distinctive Children’s space design
Reference Desk – location, display, interactive, work with patrons
Use main stairway for seating & wayfinding: art, text, colors
Windows that open
Better space for programming
Performance space/ acoustics
Cell phone booths
Better browsing displays, patron picks
Better way to point people to digital resources in physical collections
OPACs in stacks – sit down and print
Meeting spaces for staff, community & advisory
Reconfigured History Collection/ display – reuse room for other purpose
More “fun” in children’s restrooms
More people able to use windows/ natural light

Comments and Ideas
Study rooms in current Teen Area?
Non-fiction to “Dead Zone”
Fiction to main reading room?
International to current Teen?
Smaller shelves in main reading? (Check loading)
More open end panels?
Keep thinking about sightlines in Kids’ Media Area
Fireplaces?
Acoustics in Story Room
Pass through current Teen Area to Reading Room?
More small tables
Community focus group meetings were open to the public and held at the Berkeley Central Library. Comments and suggestions were documented in real time with paper marker board and pen. These typed notes are the compilation of those notes from the first of two community meetings.

Library Needs
- Accessible seating throughout library
- Community board patrons can post on
- Acoustic separation for kids/teens
- Better signage
- Program space
- Better CD shelving/display
- Extra airflow in restrooms
- More accessible restrooms, other floors
- Art opportunities
- New materials shouldn’t have flame retardants

What is great already?
- Community information
- Children’s collection
- Having staff on all floors
- Art & Music collection
- Heavy duty surfaces
- Study carrels
- Art in building

Comments and Ideas
- Other groups besides teens could use attention
- North Branch remodel lost some good things (newsletters, community information)
- Don’t give up the books!
- Spend money on programs and events
- 5th floor staff office has a plenum ceiling and temperature problems
- Any fabric must be sturdy and cleanable!
- Evaluate lighting for safety
- See more librarians
- Who makes decisions about collections?
- Could turntables be checked out? Moved around?
Community focus group meetings were open to the public and held at the Berkeley Central Library. Comments and suggestions were documented in real time with paper marker board and pen. These typed notes are the compilation of those notes from the second of two community meetings.

Library Needs

- Shades/better lighting control
- Spaces for tutoring/group study
- Laptop plugs on table tops
- Armrests (for seniors)
- Tables/chairs at different sizes
- More display/art on walls
- Gallery/exhibition space
- Expert humans!
- Better lighting in Reference
- Easier access to meeting room
- Staff person in Teen Room
- Community bulletin board areas in prominent areas
- Spaces where it is ok for teens to talk
- Signage
- Librarians on 1st floor – welcome & info desk
- Refuge from noise (audible and visual)
- Intimate spaces
- Security person on 2nd floor – noise
- Acoustic control in stairwell
- Acoustic hangings, rugs
- Quiet space for study carrels

What is great already?

- Collection
- History room
- Displays in active part of library
- Art exhibition space
- Funds and interest (support from library)
- Destination library (collection and staff)
- Public information
- Browsing collection – art and music
- Historic lobby as sitting area
- Library as quiet refuge
- Retain 5th floor art

Comments and Ideas
- Art-making space on 5th floor
- Activity room in general
- Textured/audible path of travel
- More activity History Room
- Could staff elevator be open to the public? Could the second door be moved to the other side?
- Need to know more about elevator use
- Staffing and collections very important
- Review incident reports
- Library patrons should vote on improvements
- Patron input could be advisory
- Great to have a Teen Room
- Ok to shrink paper reference if librarians are available to help
- Magazines out of reading room
- Keep staff on 5th floor
- Could 3rd floor mtg. room be used for art exhibits?
- Investigate radiation from machinery and lights
- Increase use of daylighting
- Consider needs of homeless library users
Meeting Agenda

1. Intro by Suzanne
2. N&T Qualifications
3. Information Gathering Process
   a. Meetings/Presentations
      2 - General public
      2 - General staff
      3 - Staff, focused by floor/area
      3 - Teen Focus
   b. Studied Page & Moris report and existing drawings
   c. Mechanical engineer and BPL Maintenance evaluation
   d. Lighting designer review and recommendations
   e. Looked at all floors, multiple options
   f. Preparing final report documenting all this
   g. Not possible to implement all ideas now, look to the future
4. Teen Focus Groups
5. Plans
6. Q&A
### Appendix D: Detailed Cost Estimate

#### Project Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TEEN ROOM OPTION A (Teen Room on First Floor)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Convert First Floor fiction room to teen room</td>
<td>$232,042</td>
<td>$332,867</td>
</tr>
<tr>
<td>1. j. New Teen Room furniture and features</td>
<td>147,774</td>
<td>211,983</td>
</tr>
<tr>
<td>2. Convert First Floor carrel/gallery space to non-fiction shelving</td>
<td>79,060</td>
<td>113,412</td>
</tr>
<tr>
<td>3. Convert Teen Room to collection</td>
<td>200,532</td>
<td>287,665</td>
</tr>
<tr>
<td>4. Convert Third Floor to hold part of fiction collection</td>
<td>76,886</td>
<td>110,294</td>
</tr>
<tr>
<td>5. Move Periodicals, gallery space &amp; study carrels to reference</td>
<td>379,295</td>
<td>544,102</td>
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<tr>
<td>6. Reconfigure Reference desk: east half to receive collections</td>
<td>30,073</td>
<td>43,140</td>
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<td>7. Reconfigure holds/self-check to include OPAC stations &amp; community board</td>
<td>65,840</td>
<td>94,448</td>
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<td><strong>Subtotal TEEN ROOM OPTION A (Teen Room on First Floor)</strong></td>
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<td>$1,737,912</td>
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<tr>
<td><strong>TEEN ROOM OPTION B (Reference switches with Teen)</strong></td>
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<tr>
<td>8. Convert Reference Room to more flexible space.</td>
<td>$343,455</td>
<td>$492,690</td>
</tr>
<tr>
<td>9. New Teen Room furniture and features.</td>
<td>147,774</td>
<td>211,983</td>
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<tr>
<td>10. Convert Teen Room to Reference collection</td>
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<td>287,665</td>
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<td>11. Additional work in Reference for Teen Room Option B</td>
<td>52,180</td>
<td>74,853</td>
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<td><strong>Subtotal TEEN ROOM OPTION B (Reference switches with Teen)</strong></td>
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<td><strong>TEEN ROOM OPTION C (Third Floor conversion to Teen)</strong></td>
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<td>12. Frameless laminated glass infill entire mezzanine edge.</td>
<td>$124,529</td>
<td>$178,638</td>
</tr>
<tr>
<td>13. Lighting improvements</td>
<td>59,008</td>
<td>84,648</td>
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<tr>
<td>14. Remove/convert wall-mounted shelving</td>
<td>10,350</td>
<td>14,847</td>
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<tr>
<td>15. Repainting of space incl w/16</td>
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</tr>
<tr>
<td>16. New Teen Room furniture and features</td>
<td>147,774</td>
<td>211,983</td>
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<tr>
<td>17. Convert Teen room to Periodicals</td>
<td>212,032</td>
<td>304,162</td>
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<td><strong>Subtotal TEEN ROOM OPTION C (Third Floor conversion to Teen)</strong></td>
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<td>$794,278</td>
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<td>18. Option instead of 17: put computers in (e) Teen.</td>
<td>112,831</td>
<td>161,857</td>
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<tr>
<td><strong>TEEN ROOM COMMON ELEMENTS (include w/every Teen Room option)</strong></td>
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<td>19. New Teen Room furniture and features</td>
<td>147,774</td>
<td>211,983</td>
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<td><strong>FIRST FLOOR POTENTIAL IMPROVEMENTS</strong></td>
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<tr>
<td>20. Replace pavers inside entrance with new precast pavers</td>
<td>132,920</td>
<td>190,675</td>
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<td>21. Improvements to guard station</td>
<td>2,000</td>
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<td>22. Improve lighting right inside entry doors</td>
<td>3,000</td>
<td>4,304</td>
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<tr>
<td>23. Tempered glass at sidewalk-level windows</td>
<td>7,000</td>
<td>10,042</td>
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<tr>
<td>24. Add librarian station into main desk</td>
<td>no infrastructure cost</td>
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<tr>
<td>25. Construct small librarian station in space closer to front door</td>
<td>7,500</td>
<td>10,759</td>
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<td>26. Create welcoming seating area inside front door</td>
<td>8,000</td>
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<td>27. Create signage installation</td>
<td>25,000</td>
<td>35,863</td>
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<td>28. Install electronic &quot;Foundation Campaign&quot; sign</td>
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<td>7,173</td>
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<td>29. Improve Community Information area</td>
<td>10,000</td>
<td>14,345</td>
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<td>30. First Floor Study Room Option</td>
<td>177,986</td>
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<tr>
<td>31. Paint first floor</td>
<td>75,146</td>
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# Project Summary

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<td><strong>SECOND FLOOR POTENTIAL IMPROVEMENTS</strong></td>
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<tr>
<td>32. Convert Reference Room to more flexible space</td>
<td>343,455</td>
<td>492,690</td>
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<td>33. Convert Teen Room to different library collection</td>
<td>200,532</td>
<td>287,665</td>
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<tr>
<td>34. Reconfigure reference desk area</td>
<td>12,668</td>
<td>18,172</td>
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<td>35. Improve historic lobby</td>
<td>76,967</td>
<td>110,410</td>
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<td>36. Improve Acoustics in Main Reading Room</td>
<td>7,404</td>
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<td>37. Replace linoleum flooring in second floor modern area</td>
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<td>51,820</td>
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<td>38. Computer Area Improvements - Option 1</td>
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<td>39. Computer Area Improvements - Option 2</td>
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<td>40. Second Floor Study Room Option</td>
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<td>41. Refresh finishes and fixtures in second floor restrooms</td>
<td>11,396</td>
<td>16,347</td>
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<td>42. Paint second floor</td>
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<td><strong>THIRD FLOOR POTENTIAL IMPROVEMENTS</strong></td>
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<td>43. Softer flooring to improve acoustics</td>
<td>49,995</td>
<td>71,718</td>
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<td>44. Replace oversize tables to improve flow &amp; allow more seating</td>
<td>18,000</td>
<td>25,821</td>
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<tr>
<td>45. Provide glass infill wall at edge to improve sound and safety</td>
<td>124,529</td>
<td>178,638</td>
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<td>46. Paint third floor</td>
<td>32,626</td>
<td>46,802</td>
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<td><strong>FOURTH FLOOR POTENTIAL IMPROVEMENTS</strong></td>
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<td>48. Enhance Main Room central area</td>
<td>136,331</td>
<td>195,567</td>
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<td>49. Window seat area</td>
<td>13,015</td>
<td>18,670</td>
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<tr>
<td>50. Entrance archway feature at opening off main stair</td>
<td>6,250</td>
<td>8,966</td>
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<tr>
<td>51. Enhance story time room</td>
<td>67,294</td>
<td>96,534</td>
</tr>
<tr>
<td>52. Change furniture &amp; features to identify west window area with kids' floor.</td>
<td>7,500</td>
<td>10,759</td>
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<tr>
<td>53. Replace artistic climbing object</td>
<td>40,000</td>
<td>57,380</td>
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<tr>
<td>54. Dramatic signage at restroom doors.</td>
<td>1,000</td>
<td>1,435</td>
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<tr>
<td>55. Mirror art project across from desk</td>
<td>5,000</td>
<td>7,173</td>
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<tr>
<td>56. Shelving improvements throughout floor -</td>
<td>93,790</td>
<td>134,543</td>
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<tr>
<td>57. Media area Option 1 - no location change for functional areas.</td>
<td>76,670</td>
<td>109,984</td>
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<tr>
<td>58. Media area Option 2</td>
<td>110,033</td>
<td>157,843</td>
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<tr>
<td>59. General Fourth Floor improvements</td>
<td>95,901</td>
<td>137,571</td>
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<tr>
<td><strong>FIFTH FLOOR POTENTIAL IMPROVEMENTS</strong></td>
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</tr>
<tr>
<td>60. Relocate sports and games books</td>
<td>Operational; no cost impact</td>
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<tr>
<td>61. Improvements to periodical display area.</td>
<td>35,300</td>
<td>50,638</td>
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<tr>
<td>62. Create music listening/music practice opportunities: mostly mobile.</td>
<td>58,725</td>
<td>84,241</td>
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<tr>
<td>63. Changes to shelving.</td>
<td>37,600</td>
<td>53,938</td>
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<tr>
<td>64. Changes to improve seating.</td>
<td>26,400</td>
<td>37,871</td>
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<td>65. Changes for Fifth Floor performance area</td>
<td>50,710</td>
<td>72,744</td>
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<tr>
<td>66. Digital screen for slide collection display</td>
<td>3,500</td>
<td>5,021</td>
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<tr>
<td>67. Isolate mechanical equipment above 5th floor staff room</td>
<td>4,000</td>
<td>5,738</td>
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<tr>
<td>68. Improve ventilation in Fifth Floor staff workroom.</td>
<td>2,155</td>
<td>3,091</td>
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<tr>
<td>69. General Fifth Floor improvements</td>
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**GENERAL IMPROVEMENTS – POSSIBLE THROUGHOUT MULTIPLE FLOORS**

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<td>70. Kittredge Building staff elevator access</td>
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<td>71. Restroom push-pad auto door operators</td>
<td>1,500</td>
<td>2,152</td>
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<td>72. Artwork display at accessible stair landings.</td>
<td>2,500</td>
<td>3,586</td>
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<td>73. Install direct-to-police panic buttons at main service desks.</td>
<td>2,500</td>
<td>3,586</td>
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<td>74. Replace metal halide lighting on floors 1-3 with new LED fixtures.</td>
<td>852,327</td>
<td>1,222,672</td>
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<td>75. Repair main staircase.</td>
<td>116,325</td>
<td>166,869</td>
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<tr>
<td>76. Mechanical system improvements (See Appendix for engineer’s report.)</td>
<td>532,250</td>
<td>763,518</td>
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## Summary

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<th>Contingencies Construction</th>
<th>Total Cost</th>
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<td>5.00%</td>
<td>15.00%</td>
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<td><strong>Cost</strong></td>
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### TEEN ROOM OPTION A (Teen Room on First Floor)

1. Convert First Floor fiction room to teen room $232,042 18,563 12,530 39,470 30,261 $332,867
2. Convert First Floor carrel/gallery space to non-fiction shelving 79,060 6,325 4,269 13,448 10,310 113,412
3. Convert Teen Room to collection 200,532 16,043 10,829 34,110 26,151 287,665
4. Convert Third Floor to hold part of fiction collection 76,886 6,151 4,152 13,078 10,027 110,294
5. Move Periodicals, gallery space & study carrels to reference 379,295 30,344 20,482 64,518 49,464 544,102
6. Reconfigure Reference desk: east half to receive collections 30,073 2,406 1,624 5,115 3,922 43,140
7. Reconfigure holds/self-check to include OPAC stations & community board 65,840 5,267 3,555 11,199 8,586 94,448

### TEEN ROOM OPTION B (Reference switches with Teen)

8. Convert Reference Room to more flexible space. 343,455 27,476 18,547 58,422 44,790 492,690
9. New Teen Room furniture and features 147,774 11,822 7,980 25,136 19,271 211,983
10. Convert Teen Room to Reference collection 200,532 16,043 10,829 34,110 26,151 287,665
11. Additional work in Reference for Teen Room Option B 52,180 4,174 2,818 8,876 6,805 74,853

### TEEN ROOM OPTION C (Third Floor conversion to Teen)

12. Frameless laminated glass infill entire mezzanine edge. 124,529 9,962 6,725 21,182 16,240 178,638
13. Lighting improvements 59,008 4,721 3,186 10,037 7,695 84,648
14. Remove/convert wall-mounted shelving 10,350 828 559 1,761 1,350 14,847
15. Repainting of space incl w/16
16. New Teen Room furniture and features 147,774 11,822 7,980 25,136 19,271 211,983
17. Convert Teen room to Periodicals 212,032 16,963 11,450 36,067 27,651 304,162
18. Option instead of 17: put computers in (e) Teen. 112,831 9,026 6,093 19,193 14,714 161,857

### TEEN ROOM COMMON ELEMENTS (included w/ever Teen Room option)

19. New Teen Room furniture and features 147,774 11,822 7,980 25,136 19,271 211,983

### FIRST FLOOR POTENTIAL IMPROVEMENTS

20. Replace pavers inside entrance with new precast pavers 132,920 10,634 7,178 22,610 17,334 190,675
21. Improvements to guard station 2,000 160 108 340 261 2,869
22. Improve lighting right inside entry doors 3,000 240 162 510 391 4,304
23. Tempered glass at sidewalk-level windows 7,000 560 378 1,191 913 10,042
24. Add librarian station into main desk 7,500 600 405 1,761 1,350 11,476
25. Construct small librarian station in space closer to front door 7,500 600 405 1,761 1,350 11,476
26. Improve Community Information area 10,000 800 540 1,701 1,304 14,345
27. First Floor Study Room Option 177,986 14,239 9,611 30,275 23,211 255,323
28. Paint first floor 75,146 6,012 4,058 12,782 9,800 107,797

### SECOND FLOOR POTENTIAL IMPROVEMENTS

32. Convert Reference Room to more flexible space 343,455 27,476 18,547 58,422 44,790 492,690
33. Convert Teen Room to different library collection 200,532 16,043 10,829 34,110 26,151 287,665
34. Reconfigure reference desk area 12,668 1,013 684 2,155 1,652 18,172
35. Improve historic lobby 76,967 6,157 4,156 13,092 10,037 110,410
36. Improve Acoustics in Main Reading Room 7,404 592 400 1,259 966 10,621
37. Replace linoleum flooring in second floor modern area 25,000 2,000 1,350 4,253 3,260 35,821
38. Computer Area Improvements - Option 1 18,386 1,471 993 3,127 2,398 26,375
39. Computer Area Improvements - Option 2 112,831 9,026 6,093 19,193 14,714 161,857
40. Second Floor Study Room Option 174,912 13,993 9,445 29,753 22,810 250,913
41. Refresh finishes and fixtures in second floor restrooms 11,396 912 615 1,938 1,486 16,347
42. Paint second floor 75,146 6,012 4,058 12,782 9,800 107,797

### THIRD FLOOR POTENTIAL IMPROVEMENTS

43. Softer flooring to improve acoustics 49,995 4,000 2,700 8,504 6,520 71,718
44. Replace oversize tables to improve flow & allow more seating 18,000 1,440 972 3,062 2,347 25,821
45. Provide glass infill wall at edge to improve sound and safety 124,529 9,962 6,725 21,182 16,240 178,638
46. Paint third floor 32,626 2,610 1,762 5,550 4,255 46,802

### FOURTH FLOOR POTENTIAL IMPROVEMENTS

48. Enhance Main Room central area 136,331 10,906 7,362 23,190 17,779 195,567
49. Window seat area 13,015 1,041 703 2,214 1,697 18,670

---

100 Noll & Tam Architects
**Summary**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>General Conditions</th>
<th>Contractor's Fee</th>
<th>Contingencies Design</th>
<th>Contingencies Construction</th>
<th>Total Cost</th>
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<tbody>
<tr>
<td>50. Entrance archway feature at opening off main stair</td>
<td>6,250</td>
<td>500</td>
<td>338</td>
<td>1,063</td>
<td>815</td>
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<td>51. Enhance story time room.</td>
<td>67,294</td>
<td>5,384</td>
<td>3,634</td>
<td>11,447</td>
<td>8,776</td>
<td>96,534</td>
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<tr>
<td>52. Change furniture &amp; features to identify west window area with kids' floor.</td>
<td>7,500</td>
<td>600</td>
<td>405</td>
<td>1,276</td>
<td>978</td>
<td>10,759</td>
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<td>53. Replace artistic climbing object</td>
<td>40,000</td>
<td>3,200</td>
<td>2,160</td>
<td>6,804</td>
<td>5,216</td>
<td>57,380</td>
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<td>54. Dramatic signage at restroom doors.</td>
<td>1,000</td>
<td>80</td>
<td>54</td>
<td>170</td>
<td>130</td>
<td>1,435</td>
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<tr>
<td>55. Mirror art project across from desk</td>
<td>5,000</td>
<td>400</td>
<td>270</td>
<td>851</td>
<td>652</td>
<td>7,173</td>
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<tr>
<td>56. Shelving improvements throughout floor - Preliminary Design Estimate</td>
<td>93,790</td>
<td>7,503</td>
<td>5,065</td>
<td>15,954</td>
<td>12,231</td>
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<td>57. Media area Option 1 - no location change for functional areas.</td>
<td>76,670</td>
<td>6,134</td>
<td>4,140</td>
<td>13,042</td>
<td>9,999</td>
<td>109,984</td>
</tr>
<tr>
<td>58. Media area Option 2</td>
<td>110,033</td>
<td>8,803</td>
<td>5,942</td>
<td>18,717</td>
<td>14,349</td>
<td>157,843</td>
</tr>
<tr>
<td>59. General Fourth Floor improvements</td>
<td>95,901</td>
<td>7,672</td>
<td>5,179</td>
<td>16,313</td>
<td>12,506</td>
<td>137,571</td>
</tr>
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</table>

**FIFTH FLOOR POTENTIAL IMPROVEMENTS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>General Conditions</th>
<th>Contractor's Fee</th>
<th>Contingencies Design</th>
<th>Contingencies Construction</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>60. Relocate sports and games books</td>
<td>35,300</td>
<td>2,824</td>
<td>1,906</td>
<td>6,005</td>
<td>4,603</td>
<td>50,638</td>
</tr>
<tr>
<td>61. Improvements to periodical display area.</td>
<td>58,725</td>
<td>4,698</td>
<td>3,171</td>
<td>9,989</td>
<td>7,658</td>
<td>84,241</td>
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<tr>
<td>62. Create music listening/music practice opportunities: mostly mobile.</td>
<td>37,600</td>
<td>3,008</td>
<td>2,030</td>
<td>6,396</td>
<td>4,903</td>
<td>53,938</td>
</tr>
<tr>
<td>63. Changes to shelving.</td>
<td>26,400</td>
<td>2,112</td>
<td>1,426</td>
<td>4,491</td>
<td>3,443</td>
<td>37,871</td>
</tr>
<tr>
<td>64. Changes to improve seating.</td>
<td>50,710</td>
<td>4,057</td>
<td>2,738</td>
<td>8,626</td>
<td>6,613</td>
<td>72,744</td>
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<tr>
<td>65. Changes for Fifth Floor performance area</td>
<td>3,500</td>
<td>280</td>
<td>189</td>
<td>595</td>
<td>456</td>
<td>5,021</td>
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<tr>
<td>66. Digital screen for slide collection display</td>
<td>4,000</td>
<td>320</td>
<td>216</td>
<td>680</td>
<td>522</td>
<td>5,738</td>
</tr>
<tr>
<td>67. Isolate mechanical equipment above 5th floor staff room</td>
<td>2,155</td>
<td>172</td>
<td>116</td>
<td>367</td>
<td>281</td>
<td>3,091</td>
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<tr>
<td>68. Improve ventilation in Fifth Floor staff workroom.</td>
<td>74,667</td>
<td>5,973</td>
<td>4,032</td>
<td>12,701</td>
<td>9,737</td>
<td>107,111</td>
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**GENERAL IMPROVEMENTS – POSSIBLE THROUGHOUT MULTIPLE FLOORS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>General Conditions</th>
<th>Contractor's Fee</th>
<th>Contingencies Design</th>
<th>Contingencies Construction</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>70. Kittredge Building staff elevator access</td>
<td>2,500</td>
<td>200</td>
<td>135</td>
<td>425</td>
<td>326</td>
<td>3,586</td>
</tr>
<tr>
<td>71. Restroom push-pad auto door operators</td>
<td>1,500</td>
<td>120</td>
<td>81</td>
<td>255</td>
<td>196</td>
<td>2,152</td>
</tr>
<tr>
<td>72. Artwork display at accessible stair landings.</td>
<td>2,500</td>
<td>200</td>
<td>135</td>
<td>425</td>
<td>326</td>
<td>3,586</td>
</tr>
<tr>
<td>73. Install direct-to-police panic buttons at main service desks.</td>
<td>852,327</td>
<td>68,186</td>
<td>46,026</td>
<td>144,981</td>
<td>111,152</td>
<td>1,222,672</td>
</tr>
<tr>
<td>74. Repair main staircase.</td>
<td>116,325</td>
<td>9,306</td>
<td>6,282</td>
<td>19,787</td>
<td>15,170</td>
<td>166,869</td>
</tr>
<tr>
<td>75. Mechanical system improvements (See Appendix X for engineer’s report.)</td>
<td>532,250</td>
<td>42,580</td>
<td>28,742</td>
<td>90,536</td>
<td>69,411</td>
<td>763,518</td>
</tr>
</tbody>
</table>
## TEEN ROOM OPTION A (Teen Room on First Floor)

1. Convert First Floor fiction room to teen room  
   a. Remove shelf infill between central columns at entrance  
      - Remove self check casework  
        | Quantity | Unit Price | Cost  
        |----------|------------|-------  
        | 10 LF    | 30.00      | $300  
      - Remove book stacks  
        | 9 LF     | 30.00      | 270   
      - Remove Partition  
        | 100 SF   | 2.50       | 250   
      - Patch/Repair Soffit/Jamb at Demoed Partition  
        | 1 LS     | 500.00     | 500   
   b. Infill 4 openings with frameless glass doors  
      | 4 Pr     | 7,500.00   | 30,000  
   c. Separate room glass partition 11'  
      | 500 SF   | 100.00     | 50,000  
      - Doors - glass double  
        | 2 Pr     | 7,500.00   | 15,000  
   d. HVAC adjustments to account for new plan  
      | 2,884 SF | 12.00      | 34,608  
   e. New lighting  
      - Fixtures  
        | 2,884 SF | 15.00      | 43,260  
      - Wiring  
        | 2,884 SF | 2.50       | 7,210   
      - Controls  
        | 2,884 SF | 3.50       | 10,094  
   f. Replace ceiling for new lights - upgrade tile  
      | 2,884 SF | 12.50      | 36,050  
   g. Develop window seats  
      | 3 Ea     | 1,500.00   | 4,500   
   h. New flooring (assume linoleum) see 19 h.  
      - Painting  
        incl w/1j
   i. Painting  
      incl w/1j

**Subtotal 1. Convert First Floor fiction room to teen room $232,042**

1. j. New Teen Room furniture and features  
   - Teen Room furniture and features;  
      | Quantity | Unit Price | Cost  
      |----------|------------|-------  
      | 1 LS     | 147,774.00 | $147,774  

**Subtotal 1. j. New Teen Room furniture and features $147,774**

2. Convert First Floor carrel/gallery space to non-fiction shelving  
   a. Relocated full-height library shelving this area  
      | Quantity | Unit Price | Cost  
      |----------|------------|-------  
      | 111 Ea   | 120.00     | $13,320  
   b. New lighting  
      - Fixtures  
        | 2,297 SF | 14.00      | 32,158  
      - Wiring  
        | 2,297 SF | 2.50       | 5,743   
      - Controls  
        | 2,297 SF | 3.50       | 8,040   
   c. Pull out (e) light fixtures  
      - Patch ceiling  
        | 49 Ea    | 250.00     | 12,250  
      - Patch columns  
        | 12 Ea    | 250.00     | 3,000   
   d. New signage  
      | 1 Ea     | 1,500.00   | 1,500   

**Subtotal 2. Convert First Floor carrel/gallery space to non-fiction shelving $79,060**

3. Convert Teen Room to collection  
   - See Second Floor - 33  
      | Quantity | Unit Price | Cost  
      |----------|------------|-------  
      | 1 LS     | 200,532.00 | $200,532  

**Subtotal 3. Convert Teen Room to collection $200,532**
### Estimate Quantity Unit Price Cost

4. Convert Third Floor to hold part of fiction collection
   a. Modify shelving
      - Remove casework  75 LF $30.00 $2,250
      - Relocated Full-height library shelving  70 EA $120.00 $8,400
   b. New lighting.
      - Fixtures  1,848 SF $14.00 $25,872
      - Wiring  1,848 SF $2.50 $4,620
      - Controls  1,848 SF $3.50 $6,468
   c. Redo ceiling
      - New Ceilings  1,848 SF $10.00 $18,480
      - Remove ceilings  1,848 SF $2.00 $3,696
   d. Refurbishing finishes
      - Paint Walls  2,950 SF $2.00 $5,900
   e. New signage
      - 1 LS $1,200.00 $1,200

Subtotal 4. Convert Third Floor to hold part of fiction collection $76,886

5. Move Periodicals, gallery space & study carrels to reference
   a. Convert Reference Room to more flexible space.
      - See Second Floor - 32 1 LS $343,455.00 $343,455
   b. Modify shelving to gallery function  1 LS $23,240.00 $23,240
   c. Periodical shelving, integrated in to (e) perimeter sh  42 LF $300.00 $12,600
   d. Low reference shelving, mobile sections, incl w/a. above
   e. New, smaller, mobile study carrels relocated

Subtotal 5. Move Periodicals, gallery space & study carrels to reference $379,295

6. Reconfigure Reference desk: east half to receive collections
   a. Reconfigure Reference desk.
      - See Second Floor 34 1 LS $12,668.00 $12,668
   b. Staff space behind is reconfigured
      - New flooring. linoleum  335 SF $10.00 $3,350
      - Remove flooring  335 SF $1.00 $335
      - Door & frame - double  1 Pr $4,000.00 $4,000
   c. Relocated shelving installed for collections  41 EA $120.00 $4,920
   d. Re-use stack-mounted lighting
      - Bridge stack lights  54 LF $50.00 $2,700
      - Cantilever stack lights  9 LF $100.00 $900
   e. New signage
      - 1 Ea $1,200.00 $1,200

Subtotal 6. Reconfigure Reference desk: east half to receive collections $30,073

7. Reconfigure holds/self-check to include OPAC stations & community board
   a. Reconfigure shelving  47 LF $200.00 $9,400
      - Remove Circulation Desk  21 LF $30.00 $630
      - Circulation Desk  21 LF $450.00 $9,450
   b. Redo lighting for new functions

D. Bartlett Consulting, Inc.  Berkeley Central Library
<table>
<thead>
<tr>
<th>Estimate</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixtures</td>
<td>868 SF</td>
<td>14.00</td>
<td>12,152</td>
</tr>
<tr>
<td>Wiring</td>
<td>868 SF</td>
<td>2.50</td>
<td>2,170</td>
</tr>
<tr>
<td>Controls</td>
<td>868 SF</td>
<td>3.50</td>
<td>3,038</td>
</tr>
<tr>
<td>OPSC casework</td>
<td>8 Ea</td>
<td>1,500.00</td>
<td>12,000</td>
</tr>
<tr>
<td>Power/Data</td>
<td>8 Ea</td>
<td>1,000.00</td>
<td>8,000</td>
</tr>
<tr>
<td>Connect casework to electrical</td>
<td>1 Ea</td>
<td>5,000.00</td>
<td>5,000</td>
</tr>
<tr>
<td>Study Carrels</td>
<td>relocated</td>
<td>1,000.00</td>
<td>4,000</td>
</tr>
<tr>
<td>Chairs</td>
<td>relocated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subtotal 7. Reconfigure holds/self-check to include OPAC stations & community board $65,840

**TEEN ROOM OPTION B (Reference switches with Teen)**

8. Convert Reference Room to more flexible space.
   - See Second Floor – 32
   - 1 LS 343,455.00 $343,455

Subtotal 8. Convert Reference Room to more flexible space. $343,455

   - See Teen Room Elements – 19
   - 1 LS 147,774.00 $147,774

Subtotal 9. New Teen Room furniture and features. $147,774

10. Convert Teen Room to Reference collection
    - See Second Floor – 33
    - 1 LS 200,532.00 $200,532

Subtotal 10. Convert Teen Room to Reference collection $200,532

11. Additional work in Reference for Teen Room Option B
    a. Laminated glass Infill at wall openings
    - 3 Ea 1,000.00 $3,000
    b. HVAC adjustments for new plan See 32. e.
    - 1 LS 25,940.00 25,940
    c. Modify shelving to gallery function
    - See 5b.
    - 1 LS 23,240.00 23,240

Subtotal 11. Additional work in Reference for Teen Room Option B $52,180

**TEEN ROOM OPTION C (Third Floor conversion to Teen)**

12. Frameless laminated glass infill entire mezzanine edge.
    - See Third Floor - 45
    - 1 LS 124,529.00 $124,529

Subtotal 12. Frameless laminated glass infill entire mezzanine edge. $124,529
### Preliminary Design Estimate

**BERKELEY CENTRAL LIBRARY**

**Berkeley, CA**

**13. Lighting improvements**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. New lighting to work with new flexible configuration.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixtures</td>
<td>1,844 SF</td>
<td>14.00</td>
<td>$25,816</td>
</tr>
<tr>
<td>Wiring</td>
<td>1,844 SF</td>
<td>2.50</td>
<td>4,610</td>
</tr>
<tr>
<td>Controls</td>
<td>1,844 SF</td>
<td>3.50</td>
<td>6,454</td>
</tr>
<tr>
<td>b. Replace ceiling to accommodate lighting change.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceilings</td>
<td>1,844 SF</td>
<td>10.00</td>
<td>18,440</td>
</tr>
<tr>
<td>Remove ceilings</td>
<td>1,844 SF</td>
<td>2.00</td>
<td>3,688</td>
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</tbody>
</table>

Subtotal 13. Lighting improvements $59,008

**14. Remove/convert wall-mounted shelving**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remove wall-mounted shelving</td>
<td>45 LF</td>
<td>30.00</td>
<td>$1,350</td>
</tr>
<tr>
<td>Convert wall-mounted shelving</td>
<td>45 LF</td>
<td>200.00</td>
<td>9,000</td>
</tr>
</tbody>
</table>

Subtotal 14. Remove/convert wall-mounted shelving $10,350

**15. Repainting of space**

Incl w/16

Subtotal 15. Repainting of space $0

**16. New Teen Room furniture and features**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 LS</td>
<td>147,774.00</td>
<td>$147,774</td>
</tr>
</tbody>
</table>

Subtotal 16. New Teen Room furniture and features $147,774

**17. Convert Teen room to Periodicals**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Conversion of (e) Teen Room to collection - See Second Floor - 33</td>
<td>1 LS</td>
<td>200,532.00</td>
<td>$200,532</td>
</tr>
<tr>
<td>b. Cost increase for special periodical shelving</td>
<td>1 LS</td>
<td>2,500.00</td>
<td>2,500</td>
</tr>
<tr>
<td>c. Additional lounge seating and low tables</td>
<td>6 Ea</td>
<td>1,500.00</td>
<td>9,000</td>
</tr>
</tbody>
</table>

Subtotal 17. Convert Teen room to Periodicals $212,032

**18. Option instead of 17: put computers in (e) Teen.**

See Second Floor – 39

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 LS</td>
<td>112,831.00</td>
<td>$112,831</td>
</tr>
</tbody>
</table>

Subtotal 18. Option instead of 17: put computers in (e) Teen. $112,831

**TEEN ROOM COMMON ELEMENTS (included w/ever Teen Room option)**
### Estimate

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>19. New Teen Room furniture and features</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Adjustable foam pieces.</td>
<td>9</td>
<td>3,000.00</td>
<td>27,000</td>
</tr>
<tr>
<td>b. Screens Steel Case Campfire Screen</td>
<td>18</td>
<td>1,000.00</td>
<td>18,000</td>
</tr>
<tr>
<td>c. Tables &amp; chairs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Herman Miller plam table and caper chair</td>
<td>24</td>
<td>500.00</td>
<td>12,000</td>
</tr>
<tr>
<td>d. Custom wooden rolling bookshelves</td>
<td>6</td>
<td>5,000.00</td>
<td>30,000</td>
</tr>
<tr>
<td>e. Mobile gallery walls</td>
<td>2</td>
<td>5,000.00</td>
<td>10,000</td>
</tr>
<tr>
<td>f. New (dignified, understated) signage</td>
<td>1</td>
<td>1,200.00</td>
<td>1,200</td>
</tr>
<tr>
<td>g. Small new staff station for within Teen space</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casework</td>
<td>12</td>
<td>450.00</td>
<td>5,400</td>
</tr>
<tr>
<td>Remove casework</td>
<td>10</td>
<td>30.00</td>
<td>300</td>
</tr>
<tr>
<td>Power/Data</td>
<td>1</td>
<td>1,000.00</td>
<td>1,000</td>
</tr>
<tr>
<td>h. New flooring, linoleum</td>
<td>2,884</td>
<td>10.00</td>
<td>28,840</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>2,884</td>
<td>1.00</td>
<td>2,884</td>
</tr>
<tr>
<td>i. Painting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walls</td>
<td>3,588</td>
<td>1.50</td>
<td>5,382</td>
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<tr>
<td>Ceiling</td>
<td>2,884</td>
<td>2.00</td>
<td>5,768</td>
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<tr>
<td><strong>Subtotal 19. New Teen Room furniture and features</strong></td>
<td></td>
<td></td>
<td>147,774</td>
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</table>

**FIRST FLOOR POTENTIAL IMPROVEMENTS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>20. Replace pavers inside entrance with new precast pavers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Precast pavers</td>
<td>3,230</td>
<td>30.00</td>
<td>96,900</td>
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<tr>
<td>Base</td>
<td>249</td>
<td>30.00</td>
<td>7,470</td>
</tr>
<tr>
<td>Remove pavers</td>
<td>3,230</td>
<td>2.50</td>
<td>8,075</td>
</tr>
<tr>
<td>a. Remove/Reinstall shelving for access</td>
<td>273</td>
<td>75.00</td>
<td>20,475</td>
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<tr>
<td><strong>Subtotal 20. Replace pavers inside entrance with new precast pavers</strong></td>
<td></td>
<td></td>
<td>132,920</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>21. Improvements to guard station</td>
<td>1</td>
<td>1,000.00</td>
<td>1,000</td>
</tr>
<tr>
<td>a. Relocate against wall to the east</td>
<td>1</td>
<td>1,000.00</td>
<td>1,000</td>
</tr>
<tr>
<td><strong>Subtotal 21. Improvements to guard station</strong></td>
<td></td>
<td></td>
<td>2,000</td>
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</table>

<table>
<thead>
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<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>22. Improve lighting right inside entry doors</td>
<td>3</td>
<td>1,000.00</td>
<td>3,000</td>
</tr>
<tr>
<td>a. Recessed ceiling panel lights</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal 22. Improve lighting right inside entry doors</strong></td>
<td></td>
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<td>3,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>23. Tempered glass at sidewalk-level windows</td>
<td>14</td>
<td>500.00</td>
<td>7,000</td>
</tr>
<tr>
<td><strong>Subtotal 23. Tempered glass at sidewalk-level windows</strong></td>
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<td></td>
<td>7,000</td>
</tr>
<tr>
<td>Estimate</td>
<td>Quantity</td>
<td>Unit Price</td>
<td>Cost</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>24. Add librarian station into main desk</td>
<td>no infra</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subtotal 24. Add librarian station into main desk</td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>25. Construct small librarian station in space closer to front door</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Casework (reconfigure from existing locations)</td>
<td>20</td>
<td>LF</td>
<td>200.00</td>
</tr>
<tr>
<td>b. Minor adjustments to shelving and lighting</td>
<td>1</td>
<td>LS</td>
<td>2,500.00</td>
</tr>
<tr>
<td>c. Move holds and OPAC tables to desk location</td>
<td>1</td>
<td>LS</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Subtotal 25. Construct small librarian station in space closer to front door</td>
<td></td>
<td></td>
<td>$7,500</td>
</tr>
<tr>
<td>26. Create welcoming seating area inside front door</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Adjustments to shelving and lighting</td>
<td>1</td>
<td>LS</td>
<td>2,500.00</td>
</tr>
<tr>
<td>Lighting</td>
<td>1</td>
<td>LS</td>
<td>1,500.00</td>
</tr>
<tr>
<td>b. Bench seating integrated with shelving</td>
<td>4</td>
<td>Ea</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Subtotal 26. Create welcoming seating area inside front door</td>
<td></td>
<td></td>
<td>$8,000</td>
</tr>
<tr>
<td>27. Create signage installation</td>
<td>5</td>
<td>Ea</td>
<td>5,000.00</td>
</tr>
<tr>
<td>Subtotal 27. Create signage installation</td>
<td></td>
<td></td>
<td>$25,000</td>
</tr>
<tr>
<td>28. Install electronic &quot;Foundation Campaign&quot; sign</td>
<td>1</td>
<td>Ea</td>
<td>5,000.00</td>
</tr>
<tr>
<td>Subtotal 28. Install electronic &quot;Foundation Campaign&quot; sign</td>
<td></td>
<td></td>
<td>$5,000</td>
</tr>
<tr>
<td>29. Improve Community Information area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>casework, flyers, bulletin board</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. More prominent signage</td>
<td>1</td>
<td>LS</td>
<td>2,500.00</td>
</tr>
<tr>
<td>b. Friends and Foundation information area</td>
<td>1</td>
<td>LS</td>
<td>5,000.00</td>
</tr>
<tr>
<td>c. Digital information board</td>
<td>1</td>
<td>LS</td>
<td>2,500.00</td>
</tr>
<tr>
<td>Subtotal 29. Improve Community Information area</td>
<td></td>
<td></td>
<td>$10,000</td>
</tr>
<tr>
<td>30. First Floor Study Room Option</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Study rooms at OPACS and community Board</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laminated glass walls and doors</td>
<td>1,130</td>
<td>SF</td>
<td>75.00</td>
</tr>
<tr>
<td>Steel support</td>
<td>1,130</td>
<td>SF</td>
<td>10.00</td>
</tr>
<tr>
<td>Doors</td>
<td>5</td>
<td>Ea</td>
<td>3,500.00</td>
</tr>
</tbody>
</table>
### Estimation of Costs

**BERKELEY CENTRAL LIBRARY**

**New flooring. Linoleum**
- Quantity: 502 SF
- Unit Price: $10.00
- Cost: $5,020

**Remove flooring**
- Quantity: 502 SF
- Unit Price: $1.00
- Cost: $502

**New furniture.**

- **Tables**
  - Quantity: 5
  - Unit Price: $2,000.00
  - Cost: $10,000

- **Chairs**
  - Quantity: 16
  - Unit Price: $800.00
  - Cost: $12,800

**b. Adjust lighting, power and HVAC**

- **HVAC**
  - Quantity: 502 SF
  - Unit Price: $10.00
  - Cost: $5,020

- **Lighting**
  - Quantity: 502 SF
  - Unit Price: $15.00
  - Cost: $7,530

- **Fixtures**
  - Quantity: 502 SF
  - Unit Price: $14.00
  - Cost: $7,028

- **Wiring**
  - Quantity: 502 SF
  - Unit Price: $2.50
  - Cost: $1,255

- **Controls**
  - Quantity: 502 SF
  - Unit Price: $3.50
  - Cost: $1,757

- **Power**
  - Quantity: 502 SF
  - Unit Price: $4.00
  - Cost: $2,008

- **Data**
  - Quantity: 502 SF
  - Unit Price: $8.00
  - Cost: $4,016

**c. Changes to Holds for OPACS & community board**

- See First Floor - 25
  - Quantity: 1 LS
  - Unit Price: $7,500.00
  - Cost: $7,500

**Subtotal 30. First Floor Study Room Option**

  **$177,986**

**31. Paint first floor**

- **Walls**
  - Quantity: 26,021 SF
  - Unit Price: $1.50
  - Cost: $39,032

- **Ceilings**
  - Quantity: 18,057 SF
  - Unit Price: $2.00
  - Cost: $36,114

**Subtotal 31. Paint first floor**

  **$75,146**

### SECOND FLOOR POTENTIAL IMPROVEMENTS

**32. Convert Reference Room to more flexible space**

**a. Remove reference stacks.**

- **Remove perimeter wall wash lights A6**
  - Quantity: 112 LF
  - Unit Price: $8.75
  - Cost: $980

- **Remove/salvage bridged stack lights A7**
  - Quantity: 144 LF
  - Unit Price: $8.75
  - Cost: $1,260

- **Remove/salvage cantilevered stack lights A7A**
  - Quantity: 48 LF
  - Unit Price: $8.75
  - Cost: $420

- **Remove/salvage stack mtd flr up lights A61**
  - Quantity: 60 LF
  - Unit Price: $8.75
  - Cost: $525

- **Remove/salvage stack light sconce A8**
  - Quantity: 14 Ea
  - Unit Price: $35.00
  - Cost: $490

**b. New low shelving on casters.**

- Quantity: 108 LF
  - Unit Price: $200.00
  - Cost: $21,600

**c. Modify (e) wooden perimeter shelving to become adjustable; refinish.**

- **Refinish**
  - Quantity: 105 LF
  - Unit Price: $30.00
  - Cost: $3,150

**d. Fill 4 (e) openings with frameless glass doors**

- **Sidelites & transoms**
  - Quantity: 94 SF
  - Unit Price: $75.00
  - Cost: $7,050

**e. Modify HVAC for new plan**

- Quantity: 2,594 SF
  - Unit Price: $10.00
  - Cost: $25,940

**f. Carpet Tile Area rug**

- Quantity: 1,556 SF
  - Unit Price: $6.00
  - Cost: $9,336

**g. New lighting for main room**

- **Replace pendants custom to match 2 X as big.**
  - Quantity: 15 Ea
  - Unit Price: $5,500.00
  - Cost: $82,500

**h. New lighting at built-in wall perimeter shelving**

- **Asymmetric linear LED up lighting w/2” lip to conc**
  - Quantity: 112 LF
  - Unit Price: $150.00
  - Cost: $16,800

Total Cost:

- **$177,986**

- **$75,146**

**Subtotal 30. First Floor Study Room Option**

- **$177,986**

**Subtotal 31. Paint first floor**

- **$75,146**
<table>
<thead>
<tr>
<th>Estimate</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modify mounting</td>
<td>112</td>
<td>LF</td>
<td>37.50</td>
</tr>
<tr>
<td>Add clip-on glare shield (Delray Lighting).</td>
<td>112</td>
<td>LF</td>
<td>20.00</td>
</tr>
<tr>
<td>i. Acoustic infill in ceiling coffers. 2'6&quot; x 10'</td>
<td>84</td>
<td>Ea</td>
<td>500.00</td>
</tr>
<tr>
<td>j. Flush Floor Boxes w/Brass Cover</td>
<td>12</td>
<td>Ea</td>
<td>650.00</td>
</tr>
<tr>
<td>k. Paint touch-up where finishes are affected.</td>
<td></td>
<td></td>
<td>1,000</td>
</tr>
<tr>
<td>l. New tables and chairs. Balance of furniture relocated from other areas.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tables</td>
<td>5</td>
<td>Ea</td>
<td>2,000.00</td>
</tr>
<tr>
<td>Study Carrels</td>
<td></td>
<td></td>
<td>relocated</td>
</tr>
<tr>
<td>Chairs</td>
<td>10</td>
<td>Ea</td>
<td>800.00</td>
</tr>
<tr>
<td>Subtotal 32. Convert Reference Room to more flexible space</td>
<td></td>
<td></td>
<td>$343,455</td>
</tr>
<tr>
<td>33. Convert Teen Room to different library collection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Replace freestanding stacks with new</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remove E</td>
<td>182</td>
<td>LF</td>
<td>30.00</td>
</tr>
<tr>
<td>Install N</td>
<td>318</td>
<td>LF</td>
<td>200.00</td>
</tr>
<tr>
<td>b. New stack mounted lighting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixtures</td>
<td>318</td>
<td>LF</td>
<td>220.00</td>
</tr>
<tr>
<td>Wiring</td>
<td>318</td>
<td>LF</td>
<td>10.00</td>
</tr>
<tr>
<td>Controls</td>
<td>1,269</td>
<td>SF</td>
<td>3.50</td>
</tr>
<tr>
<td>c. Replace ceiling to accommodate lighting change.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remove E GWB ceiling</td>
<td>1,269</td>
<td>SF</td>
<td>1.50</td>
</tr>
<tr>
<td>Install N 2' x 2' suspended ACT ceiling</td>
<td>1,269</td>
<td>SF</td>
<td>6.50</td>
</tr>
<tr>
<td>Remove E lights</td>
<td>1,269</td>
<td>SF</td>
<td>1.00</td>
</tr>
<tr>
<td>Install N lights</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixtures</td>
<td>1,269</td>
<td>SF</td>
<td>14.00</td>
</tr>
<tr>
<td>Wiring</td>
<td>1,269</td>
<td>SF</td>
<td>2.50</td>
</tr>
<tr>
<td>Controls</td>
<td>1,269</td>
<td>SF</td>
<td>3.50</td>
</tr>
<tr>
<td>d. New signage.</td>
<td>1</td>
<td>Ea</td>
<td>1,200.00</td>
</tr>
<tr>
<td>e. New flooring. Linoleum</td>
<td>1,269</td>
<td>SF</td>
<td>10.00</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>1,269</td>
<td>SF</td>
<td>1.00</td>
</tr>
<tr>
<td>f. Painting. Walls</td>
<td>1,287</td>
<td>SF</td>
<td>1.50</td>
</tr>
<tr>
<td>Subtotal 33. Convert Teen Room to different library collection</td>
<td></td>
<td></td>
<td>$200,532</td>
</tr>
<tr>
<td>34. Reconfigure reference desk area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Improve lighting.</td>
<td>38</td>
<td>LF</td>
<td>135.00</td>
</tr>
<tr>
<td>b. Modify casework to decrease size; create patron help desks.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remove Casework</td>
<td>12</td>
<td>LF</td>
<td>50.00</td>
</tr>
<tr>
<td>Relocate Casework</td>
<td>19</td>
<td>LF</td>
<td>75.00</td>
</tr>
<tr>
<td>New flooring. Linoleum</td>
<td>183</td>
<td>SF</td>
<td>10.00</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>183</td>
<td>SF</td>
<td>1.00</td>
</tr>
<tr>
<td>c. Create interactive digital display area.</td>
<td>1</td>
<td>LS</td>
<td>2,500.00</td>
</tr>
<tr>
<td>d. Upgrade electrical access to support these changes</td>
<td>1</td>
<td>LS</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Subtotal 34. Reconfigure reference desk area</td>
<td></td>
<td></td>
<td>$12,668</td>
</tr>
<tr>
<td>Estimate</td>
<td>Quantity</td>
<td>Unit Price</td>
<td>Cost</td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
<td>------------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>35. Improve historic lobby</strong>&lt;br&gt;a. Acoustic paneling in wall niches.&lt;br&gt; b. Additional seating areas.&lt;br&gt; c. Carpet Tile Area rug&lt;br&gt; d. Vertical display cases 6x6, 12 inch deep.&lt;br&gt; e. Lighting improvements&lt;br&gt;   Sconces&lt;br&gt;   Lower historic pendants&lt;br&gt;   Core drill for floor lamps.</td>
<td>1,777 SF</td>
<td>25.00</td>
<td>$44,425</td>
</tr>
<tr>
<td></td>
<td>257 SF</td>
<td>6.00</td>
<td>1,542</td>
</tr>
<tr>
<td></td>
<td>4 Ea</td>
<td>2,500.00</td>
<td>10,000</td>
</tr>
<tr>
<td></td>
<td>10 Ea</td>
<td>1,500.00</td>
<td>15,000</td>
</tr>
<tr>
<td></td>
<td>4 Ea</td>
<td>1,000.00</td>
<td>4,000</td>
</tr>
<tr>
<td></td>
<td>8 Ea</td>
<td>250.00</td>
<td>2,000</td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td></td>
<td><strong>$76,967</strong></td>
</tr>
</tbody>
</table>

| **36. Improve Acoustics in Main Reading Room**<br>a. Carpet Tile Area rug<br> b. Put soft caster or feet on chairs and/or tables. | 984 SF | 6.00 | **$5,904** |
| Subtotal|          |      | **$7,404** |

| **37. Replace linoleum flooring in second floor modern area**<br>New flooring. Linoleum<br> Remove flooring | 3,284 SF | 10.00 | 32,840 |
|            | 3,284 SF | 1.00  | 3,284 |
| Subtotal |          |      | **$36,124** |

| **38. Computer Area Improvements - Option 1**<br>reduce number and space farther apart in existing space.<br>Separated tables for 24 fixed desktop stations<br>Tables<br>Chairs<br>a. Reconfigure power.<br>b. Repair flooring<br>   New flooring linoleum<br>   Remove flooring | 24 Ea | 250.00 | 6,000 |
|            | 1,126 SF | 10.00 | 11,260 |
| Subtotal  |          |      | **$18,386** |

| **39. Computer Area Improvements - Option 2**<br>Computers into (e) Teen 2nd floor<br>a. Separated tables for 20 fixed desktop stations<br>Tables<br>Chairs<br>b. Reconfigure power,<br>c. New lighting.<br>Fixtures<br>Wiring | 20 Ea | 250.00 | 5,000 |
|            | 1,291 SF | 15.00 | 19,365 |
|            | 1,291 SF | 2.50  | 3,228 |

Subtotal 38. Computer Area Improvements - Option 1 | **$18,386** |
### Estimate

<table>
<thead>
<tr>
<th>Estimate</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls</td>
<td>1,291 SF</td>
<td>3.50</td>
<td>4,519</td>
</tr>
<tr>
<td>d. New full-height library shelving</td>
<td>120 LF</td>
<td>200.00</td>
<td>24,000</td>
</tr>
<tr>
<td>Remove book stacks</td>
<td>182 LF</td>
<td>30.00</td>
<td>5,460</td>
</tr>
<tr>
<td>New flooring linoleum</td>
<td>1,165 SF</td>
<td>10.00</td>
<td>11,650</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>1,165 SF</td>
<td>1.00</td>
<td>1,165</td>
</tr>
<tr>
<td>Ceilings</td>
<td>1,165 SF</td>
<td>10.00</td>
<td>11,650</td>
</tr>
<tr>
<td>Remove ceilings</td>
<td>1,165 SF</td>
<td>2.00</td>
<td>2,330</td>
</tr>
<tr>
<td>New lighting.</td>
<td>1,165 SF</td>
<td>3.50</td>
<td>4,078</td>
</tr>
<tr>
<td>Fixtures</td>
<td>1,165 SF</td>
<td>15.00</td>
<td>17,475</td>
</tr>
<tr>
<td>Wiring</td>
<td>1,165 SF</td>
<td>2.50</td>
<td>2,913</td>
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<tr>
<td>Controls</td>
<td>1,165 SF</td>
<td>3.50</td>
<td>4,078</td>
</tr>
</tbody>
</table>

Subtotal 39. Computer Area Improvements - Option 2 $112,831

### 40. Second Floor Study Room Option

Glass-walled study rooms are constructed where fixed computers near north window are now

a. Laminated glass walls and doors.

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walls</td>
<td>1,000 SF</td>
<td>75.00</td>
<td>$75,000</td>
</tr>
<tr>
<td>Steel support</td>
<td>1,000 SF</td>
<td>10.00</td>
<td>10,000</td>
</tr>
<tr>
<td>Doors</td>
<td>5 Ea</td>
<td>3,500.00</td>
<td>17,500</td>
</tr>
<tr>
<td>New flooring, Linoleum</td>
<td>638 SF</td>
<td>10.00</td>
<td>6,380</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>638 SF</td>
<td>1.00</td>
<td>638</td>
</tr>
<tr>
<td>b. New furniture.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tables</td>
<td>5 Ea</td>
<td>2,000.00</td>
<td>10,000</td>
</tr>
<tr>
<td>Chairs</td>
<td>19 Ea</td>
<td>800.00</td>
<td>15,200</td>
</tr>
<tr>
<td>c. New lighting, power and data.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixtures</td>
<td>638 SF</td>
<td>15.00</td>
<td>9,570</td>
</tr>
<tr>
<td>Wiring</td>
<td>638 SF</td>
<td>2.50</td>
<td>1,595</td>
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<tr>
<td>Controls</td>
<td>638 SF</td>
<td>3.50</td>
<td>2,233</td>
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<tr>
<td>Power</td>
<td>638 SF</td>
<td>4.00</td>
<td>2,552</td>
</tr>
<tr>
<td>Data</td>
<td>638 SF</td>
<td>8.00</td>
<td>5,104</td>
</tr>
<tr>
<td>d. Adjust HVAC system to provide ventilation</td>
<td>638 SF</td>
<td>30.00</td>
<td>19,140</td>
</tr>
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</table>

Subtotal 40. Second Floor Study Room Option $174,912

### 41. Refresh finishes and fixtures in second floor restrooms

a. Regrout tile.

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floors</td>
<td>355 SF</td>
<td>3.50</td>
<td>$1,243</td>
</tr>
<tr>
<td>walls</td>
<td>603 SF</td>
<td>4.40</td>
<td>2,653</td>
</tr>
<tr>
<td>b. Replace mirrors and other accessories in same loc</td>
<td>1 LS</td>
<td>7,500.00</td>
<td>7,500</td>
</tr>
</tbody>
</table>

Subtotal 41. Refresh finishes and fixtures in second floor restrooms $11,396

### 42. Paint second floor

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
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<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walls</td>
<td>39,696 SF</td>
<td>2.00</td>
<td>$79,392</td>
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<tr>
<td>Ceilings</td>
<td>14,447 SF</td>
<td>3.50</td>
<td>50,565</td>
</tr>
</tbody>
</table>

Berkeley Central Library 111
### THIRD FLOOR POTENTIAL IMPROVEMENTS

43. Softer flooring to improve acoustics
- New flooring linoleum
  - Quantity: 4,545 SF
  - Unit Price: 10.00
  - Cost: 45,450
- Remove flooring
  - Quantity: 4,545 SF
  - Unit Price: 1.00
  - Cost: 4,545

Subtotal 43. Softer flooring to improve acoustics: $49,995

44. Replace oversize tables to improve flow & allow more seating
- Tables
  - Quantity: 9 Ea
  - Unit Price: 2,000.00
  - Cost: 18,000

Subtotal 44. Replace oversize tables to improve flow & allow more seating: $18,000

45. Provide glass infill wall at edge to improve sound and safety
- Frameless laminated glass wall
  - Quantity: 839 SF
  - Unit Price: 75.00
  - Cost: 62,925
- New soffit overhead to catch top edge.
  - Riser
    - Quantity: 210 LF
    - Unit Price: 25.00
    - Cost: 5,250
- Modify HVAC for new plan
  - Quantity: 2,482 SF
  - Unit Price: 22.00
  - Cost: 54,604

Subtotal 45. Provide glass infill wall at edge to improve sound and safety: $124,529

46. Paint third floor
- Walls
  - Quantity: 8,230 SF
  - Unit Price: 2.00
  - Cost: 16,460
- Ceilings
  - Quantity: 8,083 SF
  - Unit Price: 2.00
  - Cost: 16,166

Subtotal 46. Paint third floor: $32,626

### FOURTH FLOOR POTENTIAL IMPROVEMENTS

48. Enhance Main Room central area
- New lighting for entire room.
  - Fixtures
    - Quantity: 2,767 SF
    - Unit Price: 16.00
    - Cost: 44,272
  - Wiring
    - Quantity: 2,767 SF
    - Unit Price: 2.50
    - Cost: 6,918
  - Controls
    - Quantity: 2,767 SF
    - Unit Price: 3.50
    - Cost: 9,685
- New flooring.
  - Linoleum
    - Quantity: 2,767 SF
    - Unit Price: 10.00
    - Cost: 27,670
- Remove stacks
  - Quantity: 12 LF
  - Unit Price: 30.00
  - Cost: 360
- Remove/Reinstall end panels
  - Quantity: 2 Ea
  - Unit Price: 150.00
  - Cost: 300
- Enhance fireplace – pillows, graphics, sculpture
  - Quantity: 1 LS
  - Unit Price: 11,000.00
  - Cost: 11,000

Subtotal 48. Enhance Main Room central area: $167,195
Estimate | Quantity | Unit Price | Cost
---|---|---|---
d. New furniture – mix historic and new | 1 LS | 10,000.00 | 10,000
e. Paint.
  Walls | 3,969 SF | 1.50 | 5,954
  Ceilings | 2,767 SF | 2.00 | 5,534
f. Integrate OPAC stations into this space
  OPSC casework | 4 Ea | 1,500.00 | 6,000
  Power/Data | 4 Ea | 1,000.00 | 4,000

Subtotal 48. Enhance Main Room central area $136,331

49. Window seat area
  a. Remove end stacks
    Remove stacks | 36 LF | 30.00 | $1,080
    Remove/Reinstall end panels | 6 Ea | 150.00 | 900
  b. Repair flooring.
    Linoleum | 276 SF | 10.00 | 2,760
    Remove flooring | 275 SF | 1.00 | 275
c. Cushions for window seats.
    1 LS | 4,000.00 | 4,000
d. Tables and chairs at window seats
    1 LS | 4,000.00 | 4,000

Subtotal 49. Window seat area $13,015

50. Entrance archway feature at opening off main stair
    125 SF | 50.00 | $6,250

Subtotal 50. Entrance archway feature at opening off main stair $6,250

51. Enhance story time room.
  a. Lighting/finishes/decorative feature in "tunnel."
    Decorative feature in "tunnel." | 618 SF | 50.00 | $30,900
    Finishes
      Paint Walls | 1,914 SF | 1.50 | 2,871
      Paint Ceiling | 901 SF | 2.00 | 1,802
    Lighting
      Fixtures | 901 SF | 14.00 | 12,614
      Wiring | 901 SF | 2.50 | 2,253
      Controls | 901 SF | 3.50 | 3,154
  b. Acoustic improvements within the room.
    Acoustic wall panels 25% of wall area | 303 SF | 15.00 | 4,545
    c. New carpet..
      901 SF | 5.00 | 4,505
      Remove flooring | 901 SF | 1.00 | 901
d. Path in flooring | 1 LS | 3,750.00 | 3,750

Subtotal 51. Enhance story time room. $67,294

52. Change furniture & features to identify west window area with kids' floor.
<table>
<thead>
<tr>
<th>Estimate</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Tables</td>
<td>3 EA</td>
<td>1,500.00</td>
<td>$4,500</td>
</tr>
<tr>
<td>b. Chairs</td>
<td>12 EA</td>
<td>250.00</td>
<td>3,000</td>
</tr>
</tbody>
</table>

Subtotal 52. Change furniture & features to identify west window area with kids' floor. $7,500

53. Replace artistic climbing object
   1 LS 40,000.00 $40,000

Subtotal 53. Replace artistic climbing object $40,000

54. Dramatic signage at restroom doors.
   2 Ea 500.00 $1,000

Subtotal 54. Dramatic signage at restroom doors. $1,000

55. Mirror art project across from desk
   1 LS 5,000.00 $5,000

Subtotal 55. Mirror art project across from desk $5,000

56. Shelving improvements throughout floor -
   a. Colored slat wall for displays at end panels (approx. cost per end panel - $300)
      i. instead of solid ends at general shelving
         Slat wall end panel 20 Ea 450.00 $9,000
         Remove end panel 20 Ea 75.00 1,500
      ii. instead of wooden box display areas at fiction shelving
         Slat wall end panel 12 Ea 450.00 5,400
         Remove box display 6 Ea 65.00 390
   b. New collection signage for tops of stacks.
      1 Ea 2,500.00 2,500
   c. Shelving for graphic novels.
      1 LS 75,000.00 75,000

Subtotal 56. Shelving improvements throughout floor - $93,790

57. Media area Option 1 - no location change for functional areas.
   a. Efficient, quieter shelving
      192 LF 200.00 $38,400
      Slat wall end panel 14 Ea 450.00 6,300
      Remove shelving 162 LF 30.00 4,860
   b. Improve lighting.
      Fixtures 1,293 SF 14.00 18,102
      Wiring 1,293 SF 2.50 3,233
      Controls 1,293 SF 3.50 4,526
   c. Stroller parking area – need to park up to 30.
      1 LS 1,250.00 1,250

Subtotal 57. Media area Option 1 - no location change for functional areas. $76,670
### Estimate

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
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<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>58. Media area Option 2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Include all costs from Media area Option 1, See 57</td>
<td>1</td>
<td>LS 76,670.00</td>
<td>$76,670</td>
</tr>
<tr>
<td>b. Casework demo in existing media area.</td>
<td>38</td>
<td>LF 30.00</td>
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</tr>
<tr>
<td>c. New flooring.</td>
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<td></td>
</tr>
<tr>
<td>Linoleum</td>
<td>1,293</td>
<td>SF 10.00</td>
<td>12,930</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>1,293</td>
<td>SF 1.00</td>
<td>1,293</td>
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<tr>
<td>d. New ‘tween area furniture and data and power (8 locations in the floor).</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Data/power floor outlets</td>
<td>8</td>
<td>Ea 1,000.00</td>
<td>8,000</td>
</tr>
<tr>
<td>Furniture</td>
<td>1</td>
<td>LS 10,000.00</td>
<td>10,000</td>
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<tr>
<td><strong>Subtotal 58. Media area Option 2</strong></td>
<td></td>
<td></td>
<td>$110,033</td>
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<tr>
<td><strong>59. General Fourth Floor improvements</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>a. Repaint fourth floor.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Walls</td>
<td>17,815</td>
<td>SF 2.00</td>
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<tr>
<td>Ceilings</td>
<td>11,958</td>
<td>SF 2.00</td>
<td>23,916</td>
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<td>b. Replace linoleum fourth floor modern area</td>
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<tr>
<td>New flooring.</td>
<td>3,305</td>
<td>SF 10.00</td>
<td>33,050</td>
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<tr>
<td>Remove flooring</td>
<td>3,305</td>
<td>SF 1.00</td>
<td>3,305</td>
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<tr>
<td><strong>Subtotal 59. General Fourth Floor improvements</strong></td>
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<td></td>
<td>$95,901</td>
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<tr>
<td><strong>FIFTH FLOOR POTENTIAL IMPROVEMENTS</strong></td>
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<tr>
<td><strong>60. Relocate sports and games books</strong></td>
<td></td>
<td></td>
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<td><strong>Subtotal 60. Relocate sports and games books</strong></td>
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<tr>
<td><strong>61. Improvements to periodical display area.</strong></td>
<td></td>
<td></td>
<td>$35,300</td>
</tr>
<tr>
<td>a. Move general-interest magazines to Periodicals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Condense shelving of Arts &amp; Music magazines</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Convert opened wall area to Reference shelving.</td>
<td>48</td>
<td>LF 200.00</td>
<td>9,600</td>
</tr>
<tr>
<td>d. Convert wall that was Reference into gallery space.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lighting;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixtures</td>
<td>600</td>
<td>SF 14.00</td>
<td>8,400</td>
</tr>
<tr>
<td>Wiring</td>
<td>600</td>
<td>SF 2.50</td>
<td>1,500</td>
</tr>
<tr>
<td>Controls</td>
<td>600</td>
<td>SF 3.50</td>
<td>2,100</td>
</tr>
<tr>
<td>Paint Walls</td>
<td>600</td>
<td>SF 2.00</td>
<td>1,200</td>
</tr>
<tr>
<td>locking glass cases on 50% of wall</td>
<td>5</td>
<td>Ea 2,500.00</td>
<td>12,500</td>
</tr>
<tr>
<td><strong>Subtotal 61. Improvements to periodical display area.</strong></td>
<td></td>
<td></td>
<td>$35,300</td>
</tr>
<tr>
<td><strong>62. Create music listening/music practice opportunities:</strong> mostly mobile.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Remove closed staff office</td>
<td>203</td>
<td>SF 17.50</td>
<td>$3,553</td>
</tr>
<tr>
<td>Estimate</td>
<td>Quantity</td>
<td>Unit Price</td>
<td>Cost</td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
<td>------------</td>
<td>-------</td>
</tr>
<tr>
<td>Glass-walled practice and listening room</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walls</td>
<td>390 SF</td>
<td>75.00</td>
<td>29,250</td>
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<tr>
<td>Steel support</td>
<td>390 SF</td>
<td>10.00</td>
<td>3,900</td>
</tr>
<tr>
<td>Doors</td>
<td>2 Ea</td>
<td>3,500.00</td>
<td>7,000</td>
</tr>
<tr>
<td>New flooring, Linoleum</td>
<td>203 SF</td>
<td>10.00</td>
<td>2,030</td>
</tr>
<tr>
<td>Remove flooring</td>
<td>203 SF</td>
<td>1.00</td>
<td>203</td>
</tr>
<tr>
<td>New lighting, power and data.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixtures</td>
<td>203 SF</td>
<td>15.00</td>
<td>3,045</td>
</tr>
<tr>
<td>Wiring</td>
<td>203 SF</td>
<td>2.50</td>
<td>508</td>
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<tr>
<td>Controls</td>
<td>203 SF</td>
<td>3.50</td>
<td>711</td>
</tr>
<tr>
<td>Power</td>
<td>203 SF</td>
<td>4.00</td>
<td>812</td>
</tr>
<tr>
<td>Data</td>
<td>203 SF</td>
<td>8.00</td>
<td>1,624</td>
</tr>
<tr>
<td>Adjust HVAC system to provide ventilation</td>
<td>203 SF</td>
<td>30.00</td>
<td>6,090</td>
</tr>
<tr>
<td>Piano</td>
<td>1 LS</td>
<td>donation</td>
<td></td>
</tr>
<tr>
<td>b. Portable turntables and headphones</td>
<td>Operational; no cost impact</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subtotal 62. Create music listening/music practice opportunities: mostly mobile. $58,725

63. Changes to shelving.
   a. Incorporate folios with other books
      Shelving w/pull-out counter built into stacks. | 1 LS | 4,000.00 | $4,000 |
   b. Replace CD shelving
      Pull-out drawer for slender jewel cases. | 16 Ea | 1,600.00 | 25,600 |
   c. Reduce reference collection
      Efficient shelving. | 16 Ea | 500.00 | 8,000 |

Subtotal 63. Changes to shelving. $37,600

64. Changes to improve seating.
   a. Seating area along north and west windows. | 4 EA | 2,000.00 | $8,000 |
   b. Tables | 4 Ea | 2,000.00 | 8,000 |
   c. Chairs | 8 EA | 800.00 | 6,400 |
   d. Pull-down stack-end seat | 4 EA | 1,000.00 | 4,000 |
   e. Potted plants under skylight. | Donation; no cost impact |       |

Subtotal 64. Changes to improve seating. $26,400

65. Changes for Fifth Floor performance area
   a. New service desk | 20 LF | 450.00 | $9,000 |
   Power, Data | 1 LS | 1,000.00 | 1,000 |
   Lighting | 20 LF | 135.00 | 2,700 |
   b. New high stacks and CD shelving
   c. New stacks area.
      Remove E stacks/casework | 883 LF | 30.00 | 26,490 |
      Stacks | 96 EA | 120.00 | 11,520 |
      Seating | relocated |       |       |

116 Noll & Tam Architects
## Preliminary Design Estimate

### BERKELEY CENTRAL LIBRARY

**Subtotal 65. Changes for Fifth Floor performance area**

<table>
<thead>
<tr>
<th>Estimate</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>$50,710</td>
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</tbody>
</table>

### 66. Digital screen for slide collection display

<table>
<thead>
<tr>
<th>Power &amp; Data</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 LS</td>
<td>2,500.00</td>
<td>$2,500</td>
<td></td>
</tr>
<tr>
<td>1 LS</td>
<td>1,000.00</td>
<td>$1,000</td>
<td></td>
</tr>
</tbody>
</table>

**Subtotal 66. Digital screen for slide collection display**

$3,500

### 67. Isolate mechanical equipment above 5th floor staff room

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 LS</td>
<td>4,000.00</td>
<td>$4,000</td>
</tr>
</tbody>
</table>

**Subtotal 67. Isolate mechanical equipment above 5th floor staff room**

$4,000

### 68. Improve ventilation in Fifth Floor staff workroom.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>431 LS</td>
<td>5.00</td>
<td>$2,155</td>
</tr>
</tbody>
</table>

**Subtotal 68. Improve ventilation in Fifth Floor staff workroom.**

$2,155

### 69. General Fifth Floor improvements

a. Repaint fifth floor.
   - Walls: 11,006 SF, $22,012
   - Ceilings: 7,963 SF, $15,926

b. Replace linoleum at fifth floor modern area
   - Linoleum: 3,339 SF, $33,390
   - Remove flooring: 3,339 SF, $3,339

**Subtotal 69. General Fifth Floor improvements**

$74,667

### GENERAL IMPROVEMENTS – POSSIBLE THROUGHOUT MULTIPLE FLOORS

#### 70. Kittredge Building staff elevator access

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Ea</td>
<td>2,500.00</td>
<td>$2,500</td>
</tr>
</tbody>
</table>

**Subtotal 70. Kittredge Building staff elevator access**

$2,500

#### 71. Restroom push-pad auto door operators

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Ea</td>
<td>1,500.00</td>
<td>$1,500</td>
</tr>
</tbody>
</table>

**Subtotal 71. Restroom push-pad auto door operators**

$1,500

#### 72. Artwork display at accessible stair landings.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Ea</td>
<td>2,500.00</td>
<td>$2,500</td>
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</tbody>
</table>

**Subtotal 72. Artwork display at accessible stair landings.**

$2,500
<table>
<thead>
<tr>
<th>Estimate</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>73. Install direct-to-police panic buttons at main service desks.</strong></td>
<td>1</td>
<td>2,500.00</td>
<td>$2,500</td>
</tr>
<tr>
<td><strong>Subtotal 73. Install direct-to-police panic buttons at main service desks.</strong></td>
<td></td>
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<td>$2,500</td>
</tr>
<tr>
<td><strong>74. Replace metal halide lighting on floors 1-3 with new LED fixtures.</strong></td>
<td>40,587</td>
<td>SF</td>
<td>15.00</td>
</tr>
<tr>
<td></td>
<td>40,587</td>
<td>SF</td>
<td>2.50</td>
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<tr>
<td></td>
<td>40,587</td>
<td>SF</td>
<td>3.50</td>
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<tr>
<td><strong>Subtotal 74. Replace metal halide lighting on floors 1-3 with new LED fixtures.</strong></td>
<td></td>
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<td>$852,327</td>
</tr>
<tr>
<td><strong>75. Repair main staircase.</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>a. Remove/Replace stair tread and landing pavers.</td>
<td>91</td>
<td>Ea</td>
<td>350.00</td>
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<tr>
<td></td>
<td>925</td>
<td>SF</td>
<td>50.00</td>
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<td>b. Regrout stair tread joints.</td>
<td>520</td>
<td>LF</td>
<td>5.00</td>
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<tr>
<td>c. Remove/Replace handrails.</td>
<td>285</td>
<td>LF</td>
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<td><strong>Subtotal 75. Repair main staircase.</strong></td>
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<tr>
<td><strong>76. Mechanical system improvements</strong> (See Appendix X for engineer's report.)</td>
<td>4</td>
<td></td>
<td>60,000.00</td>
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<tr>
<td>a. Replace four existing HVAC units with more moder</td>
<td>2</td>
<td></td>
<td>10,000.00</td>
</tr>
<tr>
<td>b. Upgrade existing control system software for better</td>
<td>60,500</td>
<td>SF</td>
<td>4.50</td>
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<tr>
<td><strong>Subtotal 76. Mechanical system improvements</strong> (See Appendix X for engineer’s report.)</td>
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<td>$532,250</td>
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