

# Central Library Area Improvements Report



02 December 2014

Noll & Tam Architects

# Table of Contents

<b>Executive Summary</b>	<b>3</b>
<b>Background</b>	<b>5</b>
Teen Space	6
Process	7
<b>Project Team</b>	<b>9</b>
<b>Acknowledgments</b>	<b>9</b>
<b>Existing Plans</b>	<b>13</b>
<b>Proposed Improvements</b>	<b>23</b>
Teen Room Option A (Teen Room on First Floor)	25
Teen Room Option B (Reference switches with Teen)	35
Teen Room Option C (Third Floor conversion to Teen)	37
Teen Room Common Elements (include with every Teen Room location option)	41
First Floor Potential Improvements	43
Second Floor Potential Improvements	49
Third Floor Potential Improvements	57
Fourth Floor Potential Improvements	59
Fifth Floor Potential Improvements	69
General Improvements – Possible Throughout Multiple Floors	73
<b>Appendices</b>	<b>75</b>
Appendix A: Mechanical Report	75
Appendix B: Teen Consultant Report	80
Appendix C: Meeting Notes	87
Appendix D: Detailed Cost Estimate	99



# 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.

# Project Team

## Architect

Noll & Tam Architects  
729 Heinz Avenue, No. 7  
Berkeley, CA 94710  
Tel: 510-542-2200

Chris Noll, Principal  
email: Chris.noll@nollandtam.com

Alyson Yarus, Project Manager  
email: Alyson.yarus@nollandtam.com

## Teen Programmer

Anthony Bernier, Ph.D.  
6868 Chambers Drive  
Oakland, CA 94611  
Tel: (510) 339-6880  
email: Anthony.bernier@sjsu.edu

## Cost Consultant

Dan Bartlett  
D. Bartlett Consulting, Inc.  
15 Lucerne Street, Suite 3  
San Francisco, CA 94103  
Tel: (415) 252-0960  
email: Dan@dbartlettconsulting.com

## Mechanical Engineer

David Pang  
Gayner Engineers  
1133 Post Street  
San Francisco, CA 94109  
Tel: (415) 474-9500  
email: Dpang@gaynerengineers.com

## Lighting Designer

Alice Prussin  
Illuminosa  
931 Pardee Street  
Berkeley, CA 94710  
Tel: (510) 525-3670  
email: alice@illuminosa.com

## Berkeley Public Library

2031 Bancroft Way  
Berkeley CA, 94704  
Tel: (510) 981-6195

Donna Corbeil, Director of Library Services  
email: Dcorbeil@ci.berkeley.ca.us

Suzanne Olawski  
Deputy Director of Library Services  
email: Solawski@ci.berkeley.ca.us

# Acknowledgments

## Board of Library Trustees

Abigail Franklin, Chair  
Julie Holcomb, Vice Chair  
Winston Burton  
Darryl Moore  
Jim Novosel

## Central Library Planning Staff Steering Committee

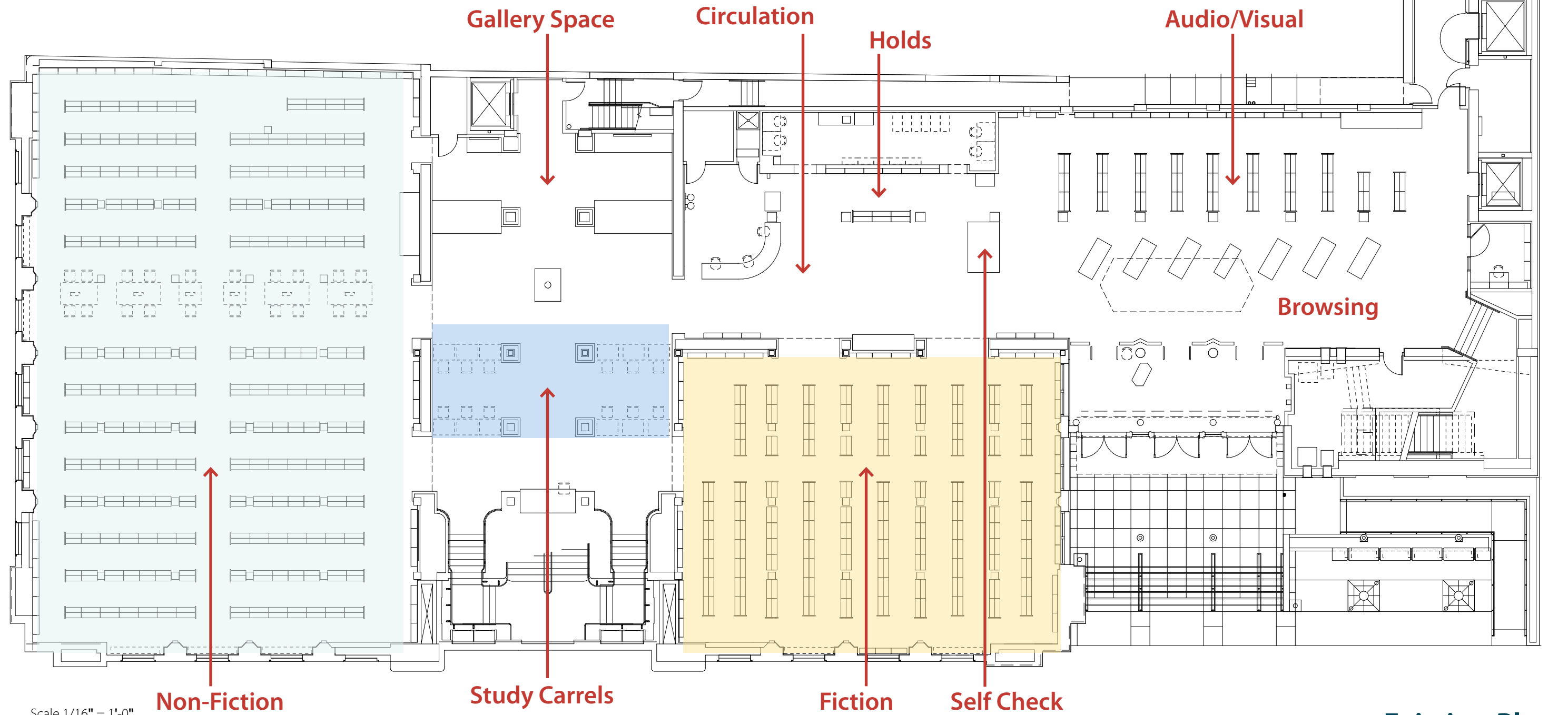
Anwan Baker, Supervising Librarian  
Dennis Dang, Administrative and Fiscal Services Manager  
Jay Dickinson, Circulation Services Manager  
Kay Finney, Librarian II  
Erica Dean Glenn, Senior Librarian  
Suzanne Olawski, Deputy Director of Library Services



Berkeley Central Library  
Existing Plans



# Berkeley Central Library First Floor

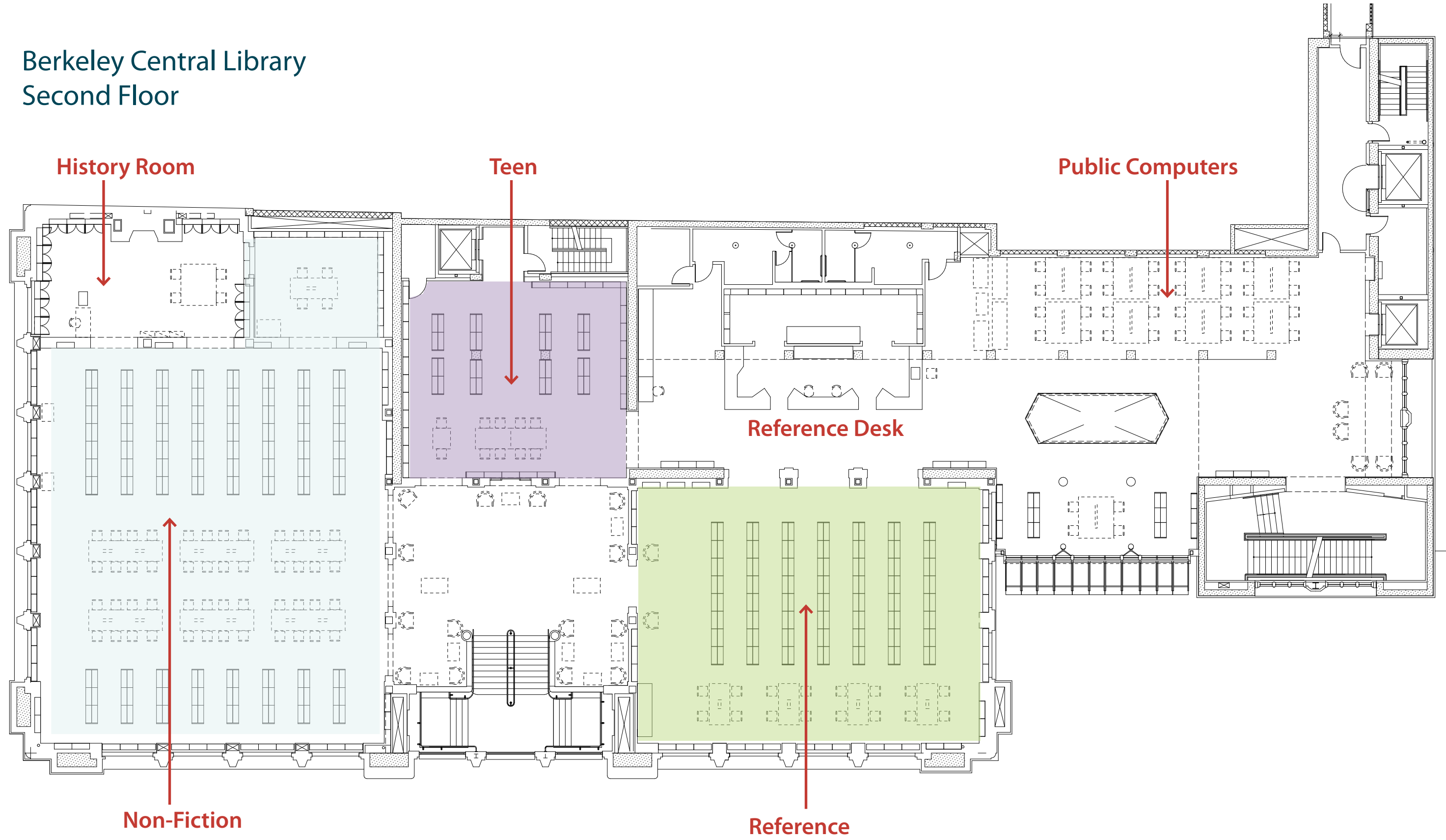


Scale 1/16" = 1'-0"

Existing Plans



# Berkeley Central Library Second Floor



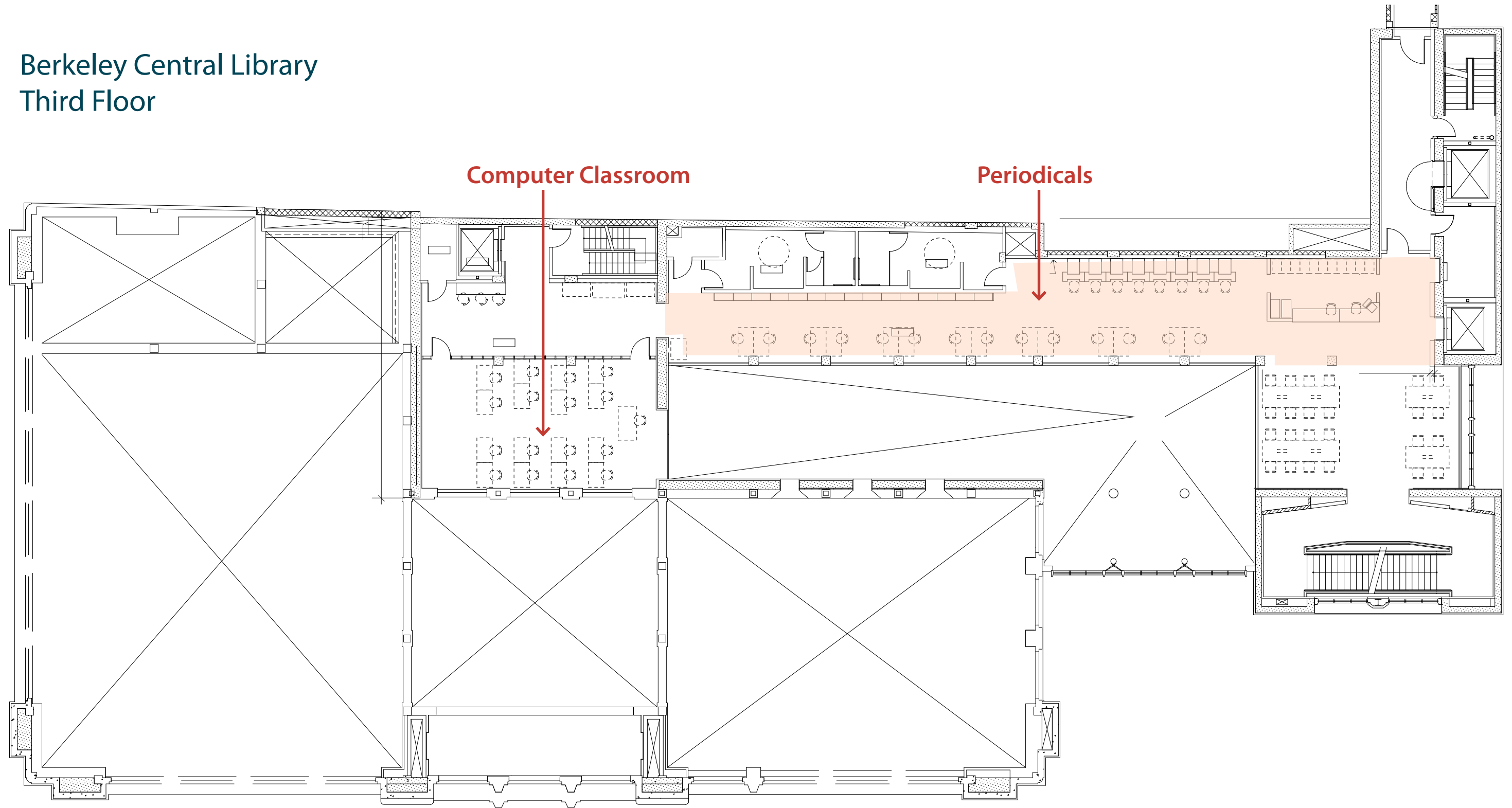
Scale 1/16" = 1'-0"

Existing Plans





# Berkeley Central Library Third Floor

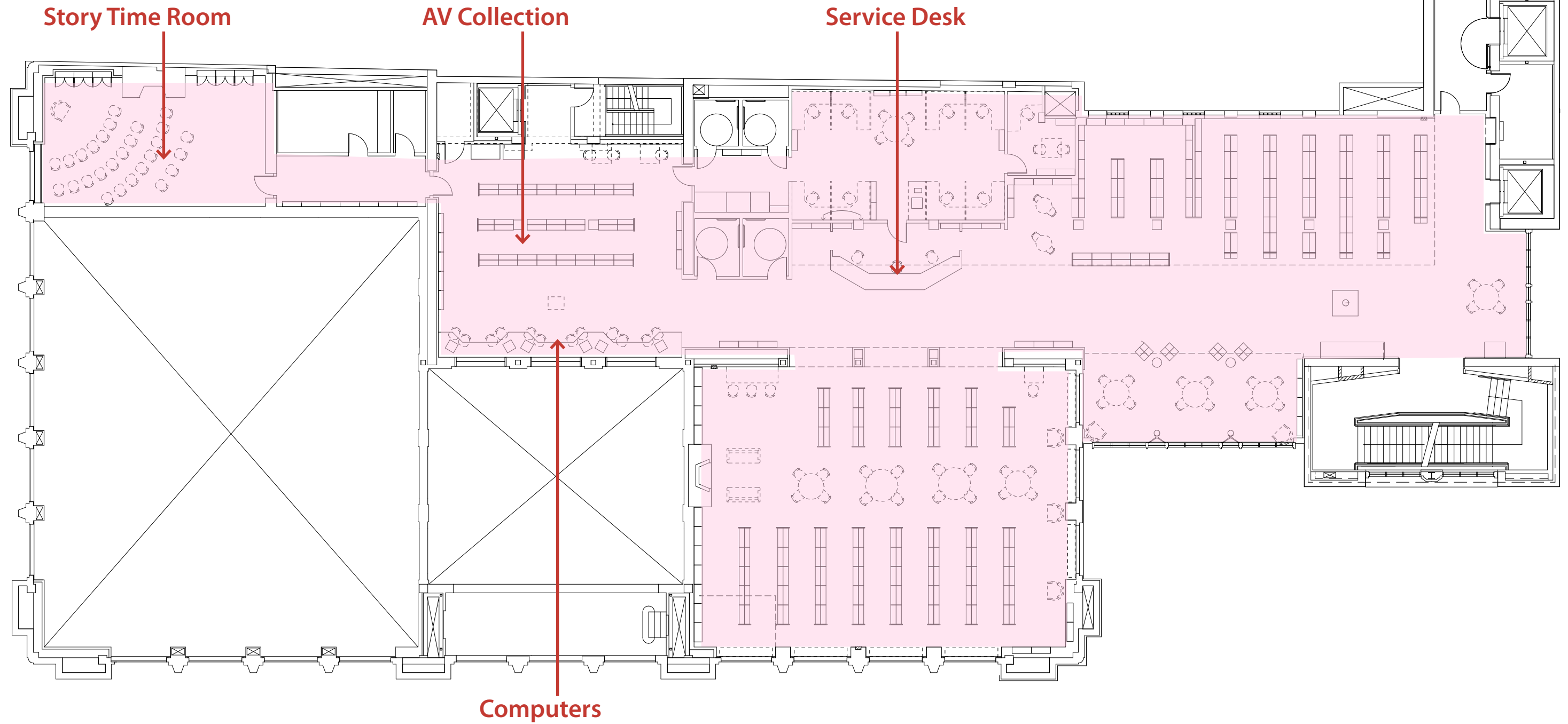


Scale 1/16" = 1'-0"

Existing Plans



# Berkeley Central Library Fourth Floor (Children's Collection)

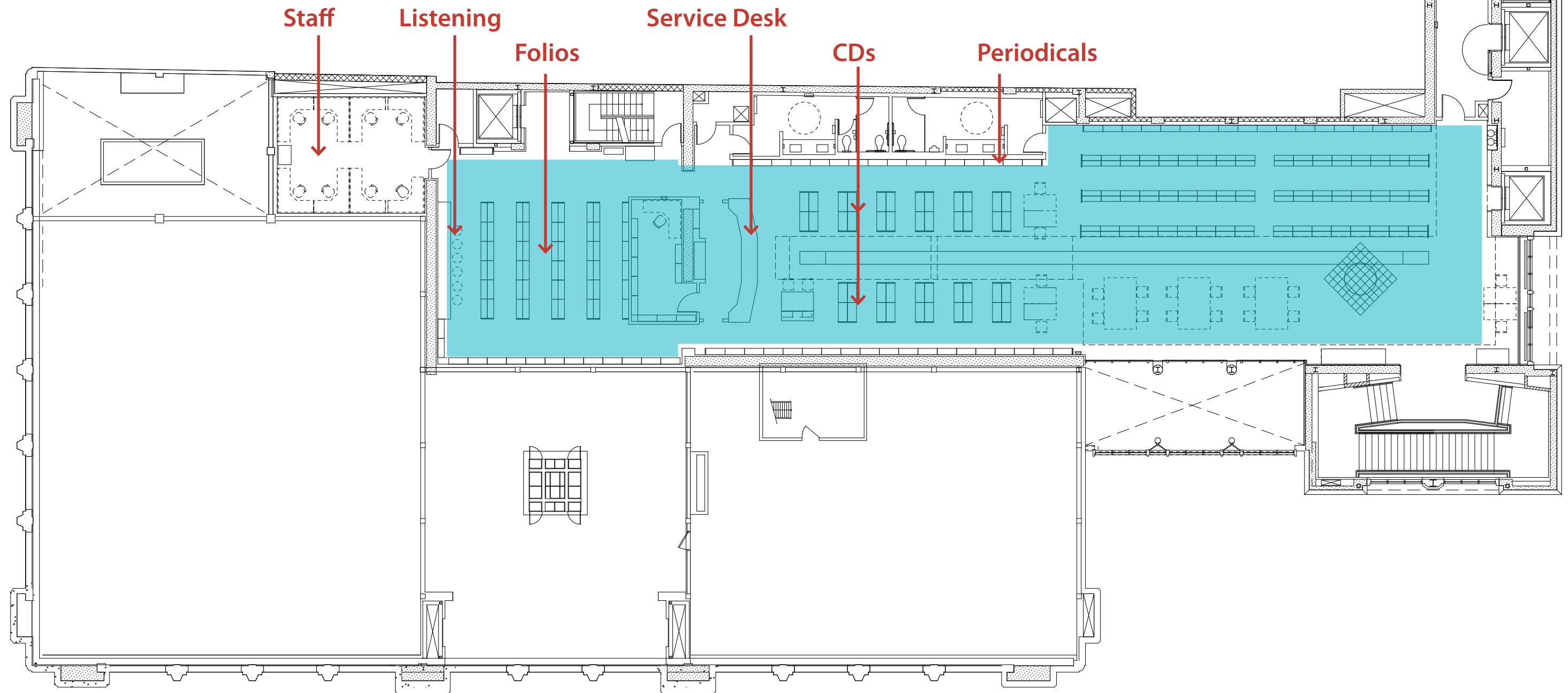


Scale 1/16" = 1'-0"

Existing Plans



# Berkeley Central Library Fifth Floor (Music and Art Collections)



Scale 1/16" = 1'-0"

Existing Plans



# 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.

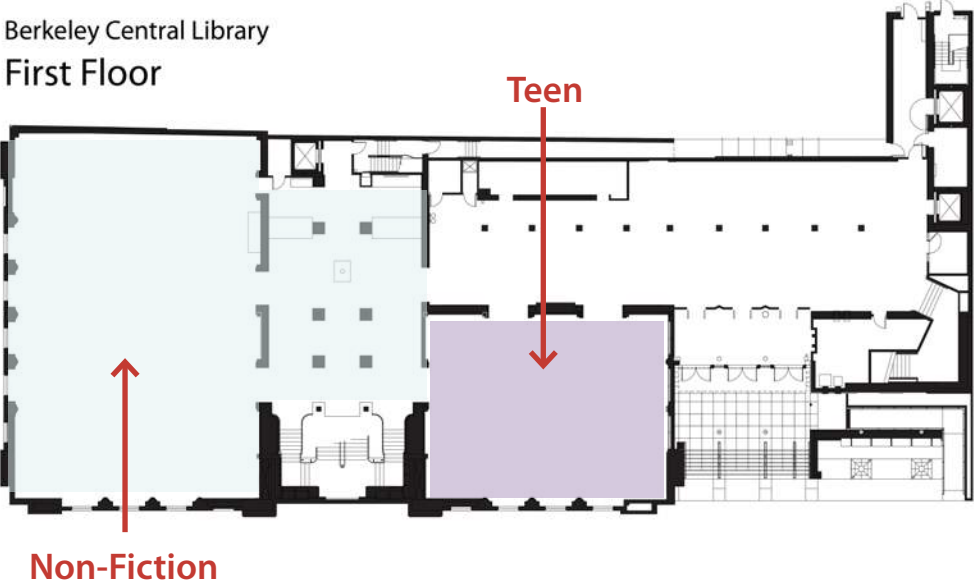
The next section, titled ***Teen Room Common Elements***, represent changes that can be made regardless of which option is chosen for the incorporation of the Teen Room. These upgrades are unique to the Teen Room wherever it is placed. The remaining sections of the proposed improvements are specific 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.

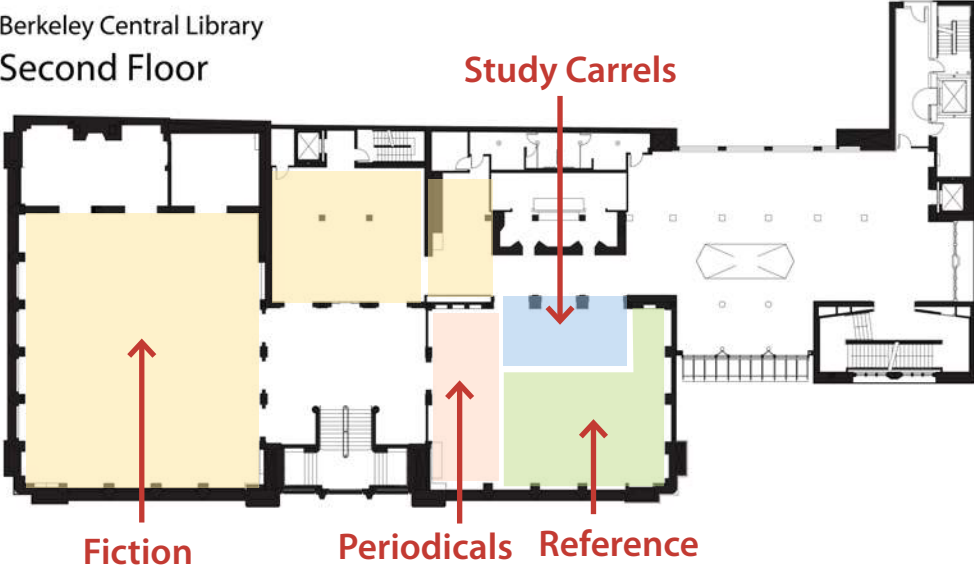


# Teen Room Option A

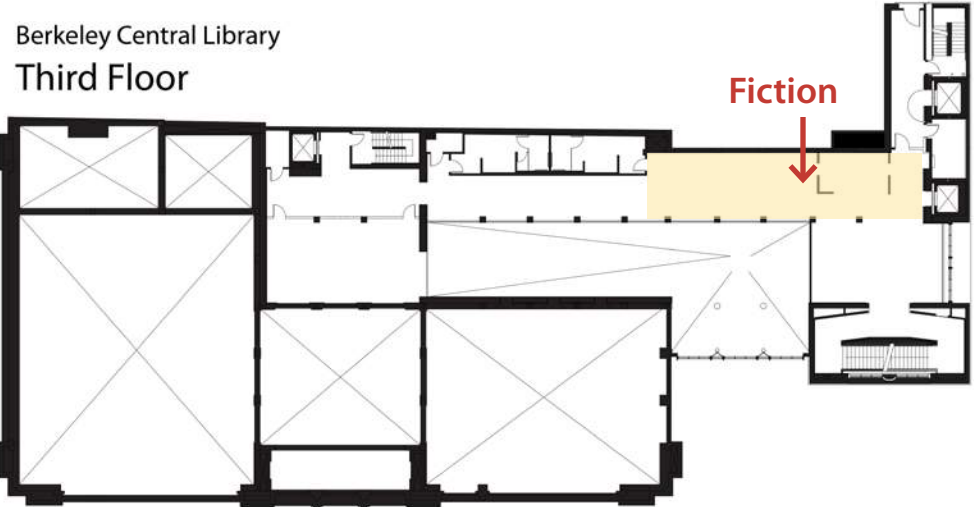
Berkeley Central Library  
First Floor



Berkeley Central Library  
Second Floor



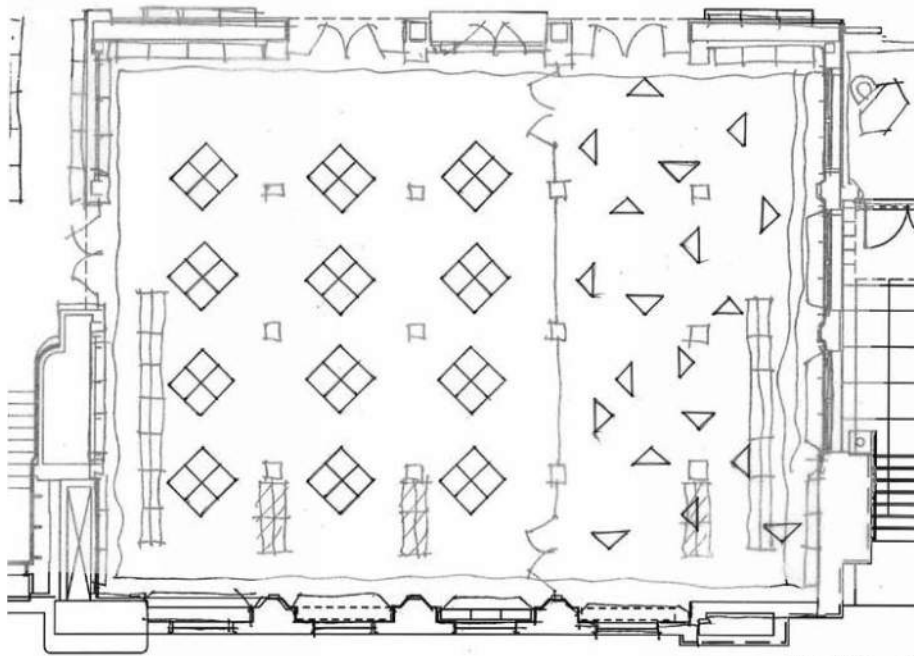
Berkeley Central Library  
Third Floor



# Teen Room Option A (Teen Room on First Floor)

1 = \$332,867

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.



Scale 1/16" = 1'-0"

## 1e: Teen Room on First Floor:

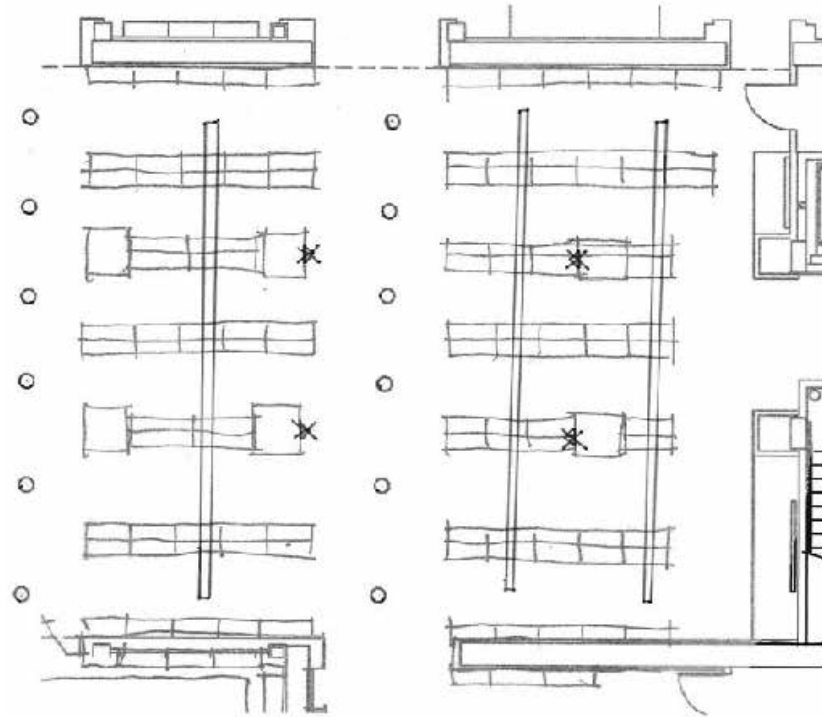
- New LED at panel 2x2 fixtures, shown in 4x4 layout (Maxlite).
- New triangular at panel fixtures (Mark Lighting).
- New 2x2 grid ceiling installed on diagonal.



2 = \$113,412

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.



Scale 1/16" = 1'-0"

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 = \$287,665

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

4 = \$110,294

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.

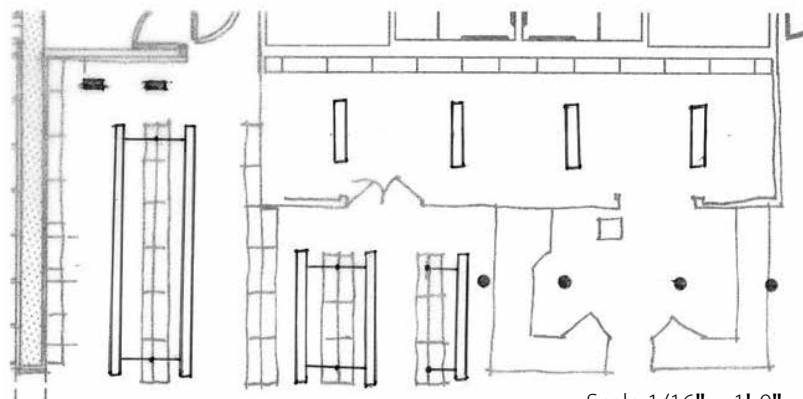
- a. Conversion of (e) Reference Room to more flexible space. See details under 32 - second floor.
- b. Modify some wall shelving to gallery function (inset lighting) on south wall.
- c. Cost increase for special periodical shelving, integrated in to (e) wooden perimeter shelving (assume north wall).
- 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?)

5 = \$544,102

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.

6 = \$43,140



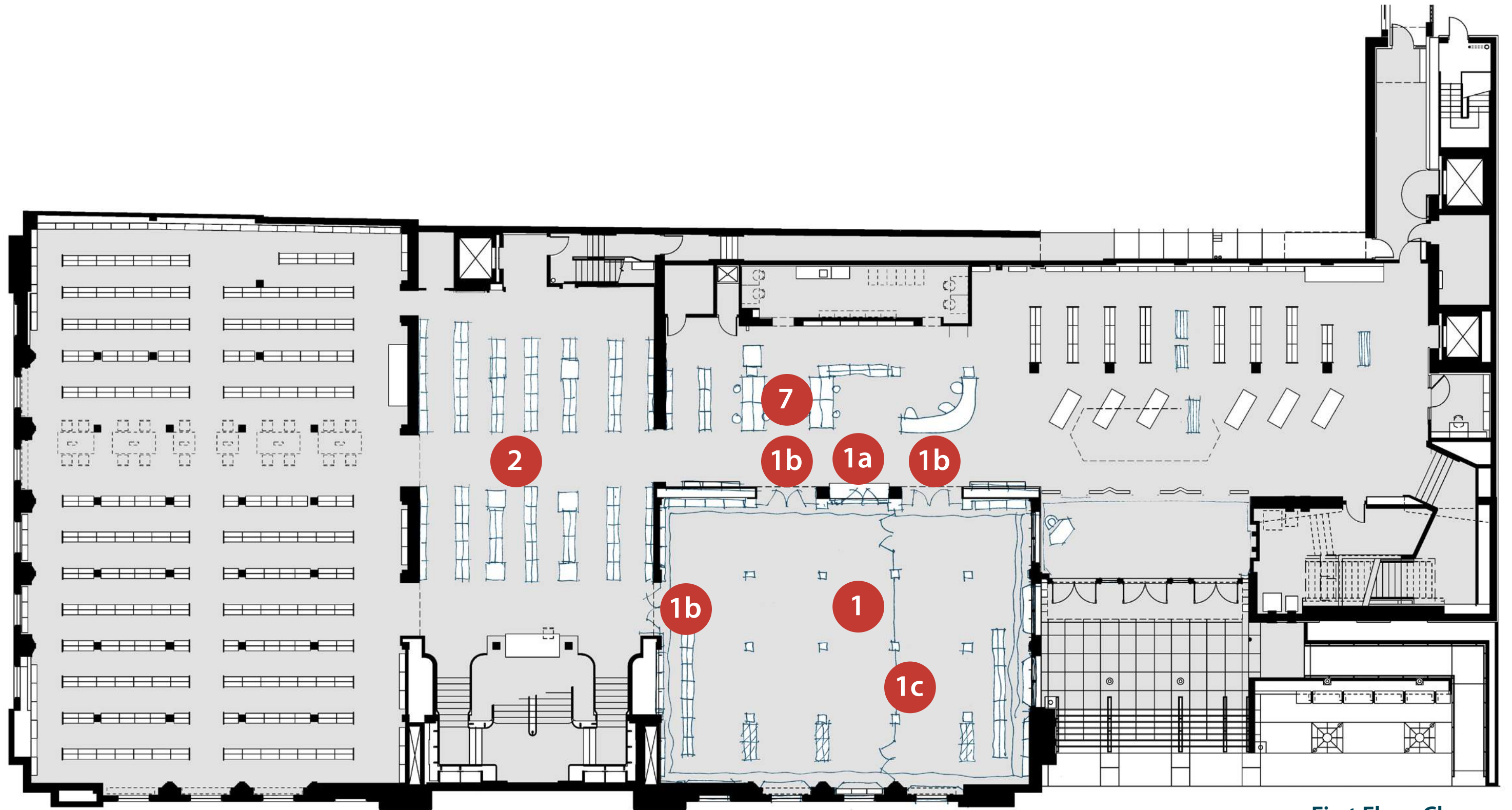
6d: Reference Desk - Reconfigured:

- 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 (USAI).

7 = \$94,448

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**



**First Floor Changes  
Teen Room Option A**

Scale 1/16" = 1'-0"





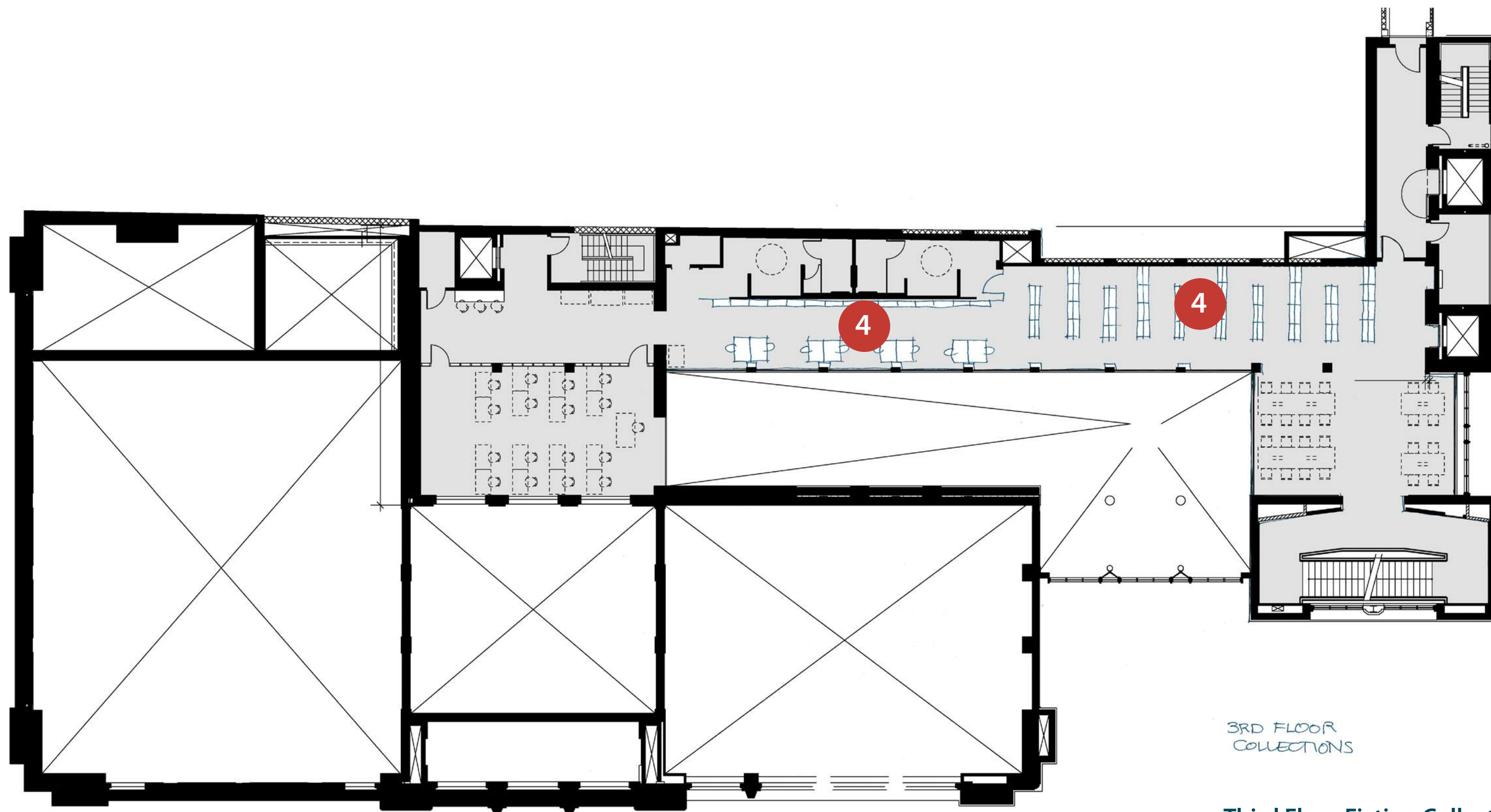
2ND FLOOR

## Second Floor Changes Teen Room Option A

Scale 1/16" = 1'-0"







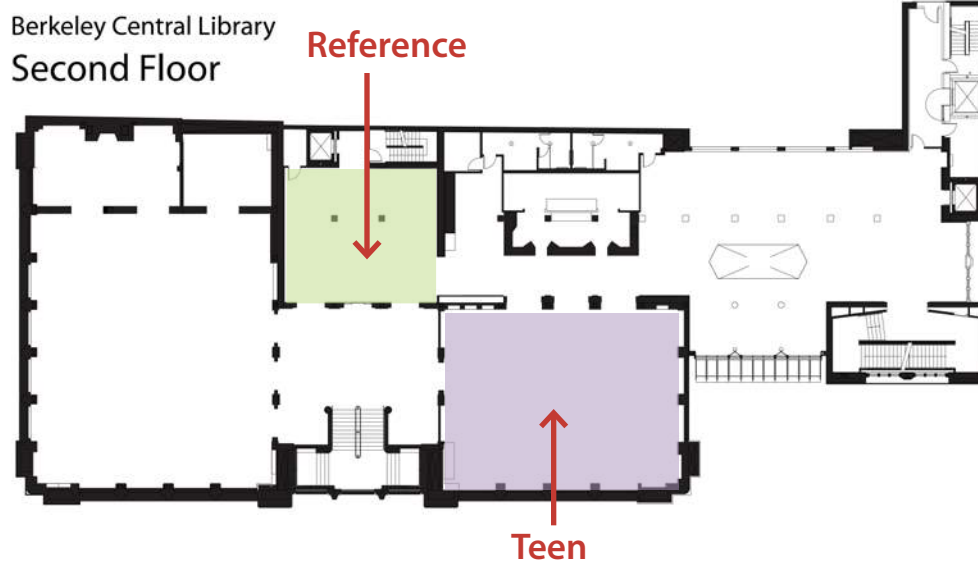
3RD FLOOR  
COLLECTIONS

**Third Floor Fiction Collection  
Teen Room Option A**

Scale 1/16" = 1'-0"



# Teen Room Option B



## Teen Room Option B (Reference switches with Teen)

8. Conversion of (e) Reference Room to more flexible space. See details under 32 – second floor.
9. New Teen Room furniture and features. See details under 19.
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).

8 = \$492,690

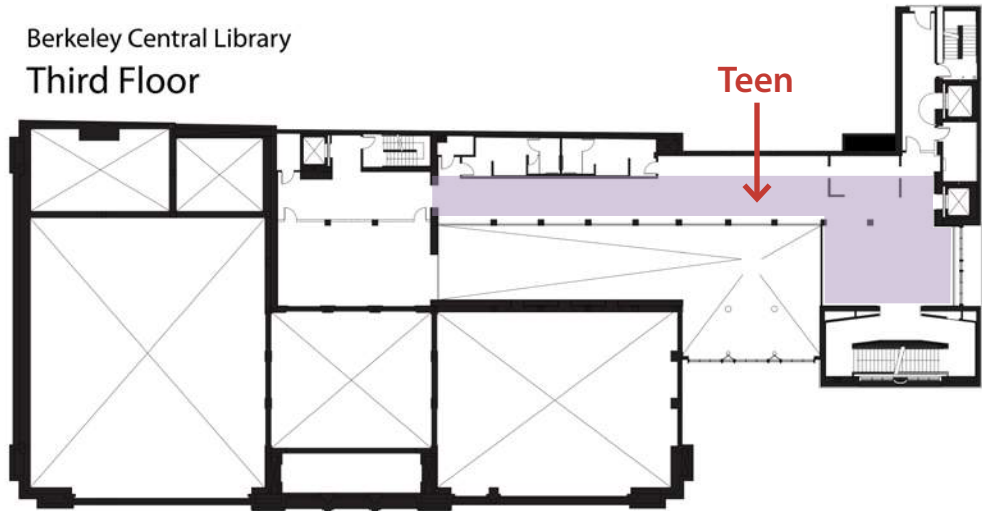
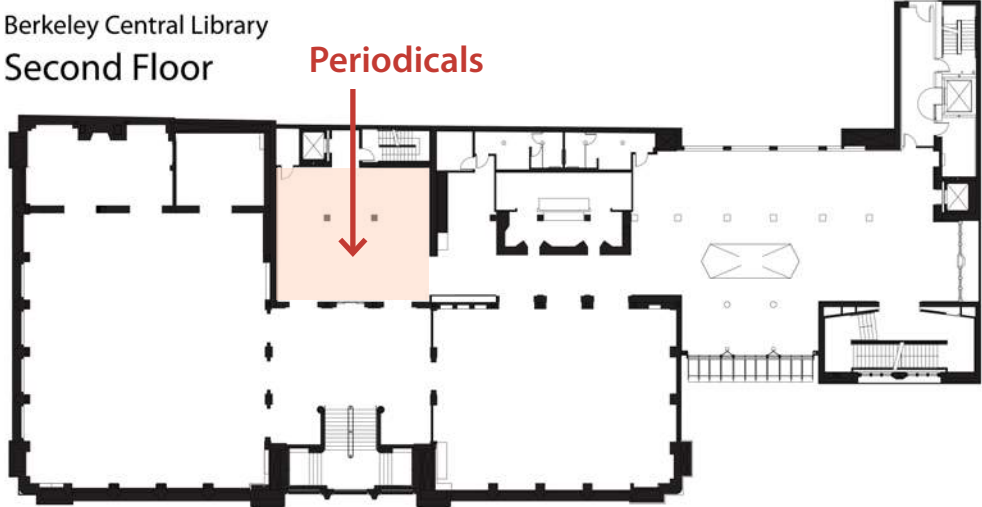
9 = \$211,983

10 = \$287,665

11 = \$74,853

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.)
- 16. New Teen Room furniture and features – see details under 19.
- 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.
- 18. Option instead of 17: put computers in (e) Teen. Costs under 39 – second floor.

12 = \$178,638

13 = \$84,648

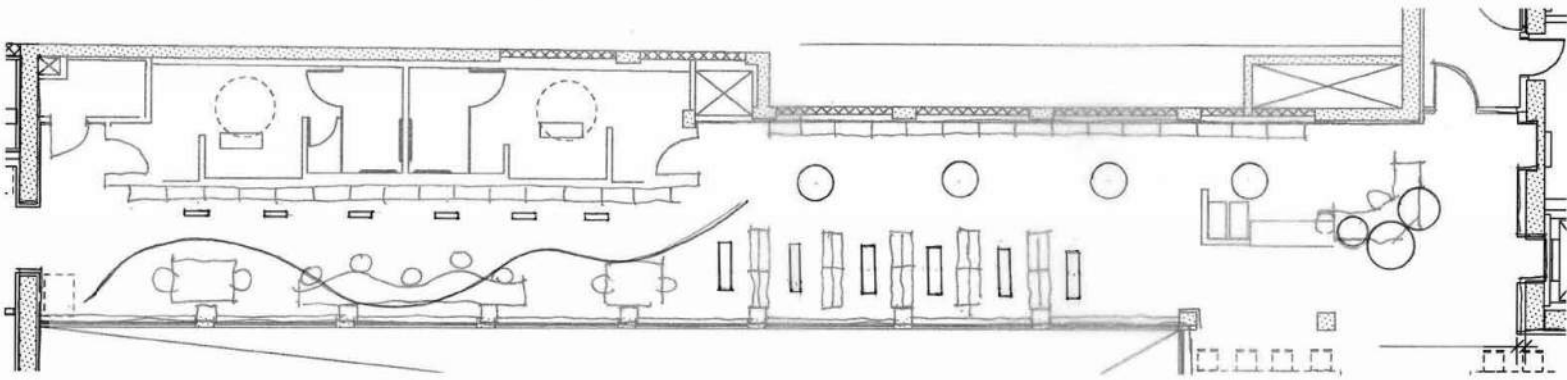
14 = \$14,847

16 = \$211,983

17 = \$304,162

18 = \$161,857

**Subtotal Teen Room Option C =  
\$794,278**



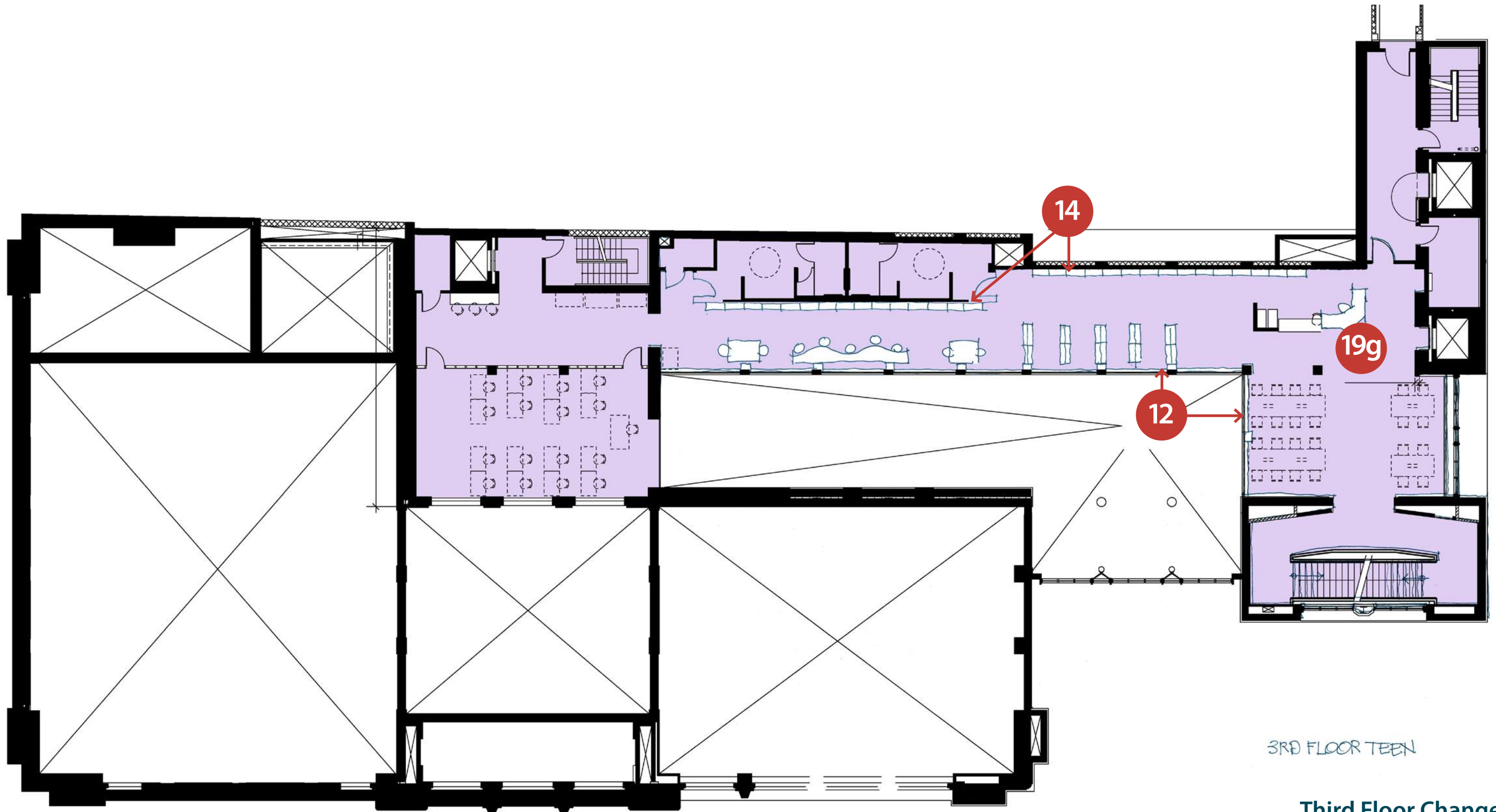
Scale 1/16" = 1'-0"



### 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.





3RD FLOOR TEEN

**Third Floor Changes  
Teen Room Option C**

Scale 1/16" = 1'-0"





# Teen Room Common Elements (include with every Teen Room location option)

19 = \$211,983

## 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.



19a



19a



19c



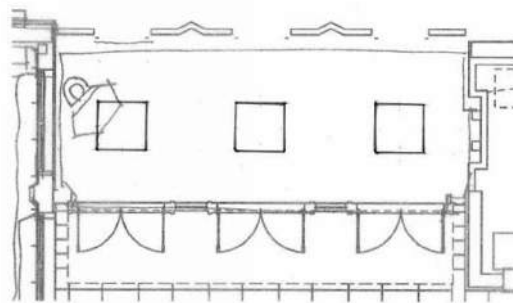
# First Floor Potential Improvements

- 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.

20 = \$190,675

21 = \$2,869

22 = \$4,304



Scale 1/16" = 1'-0"



## 22: Library Entrance:

- Remove existing large scale square panels.
- Install new LED panel fixtures to match existing panel size (Maxlite).

23= \$10,042

25= \$10,759

26 = \$11,476

27= \$35,863

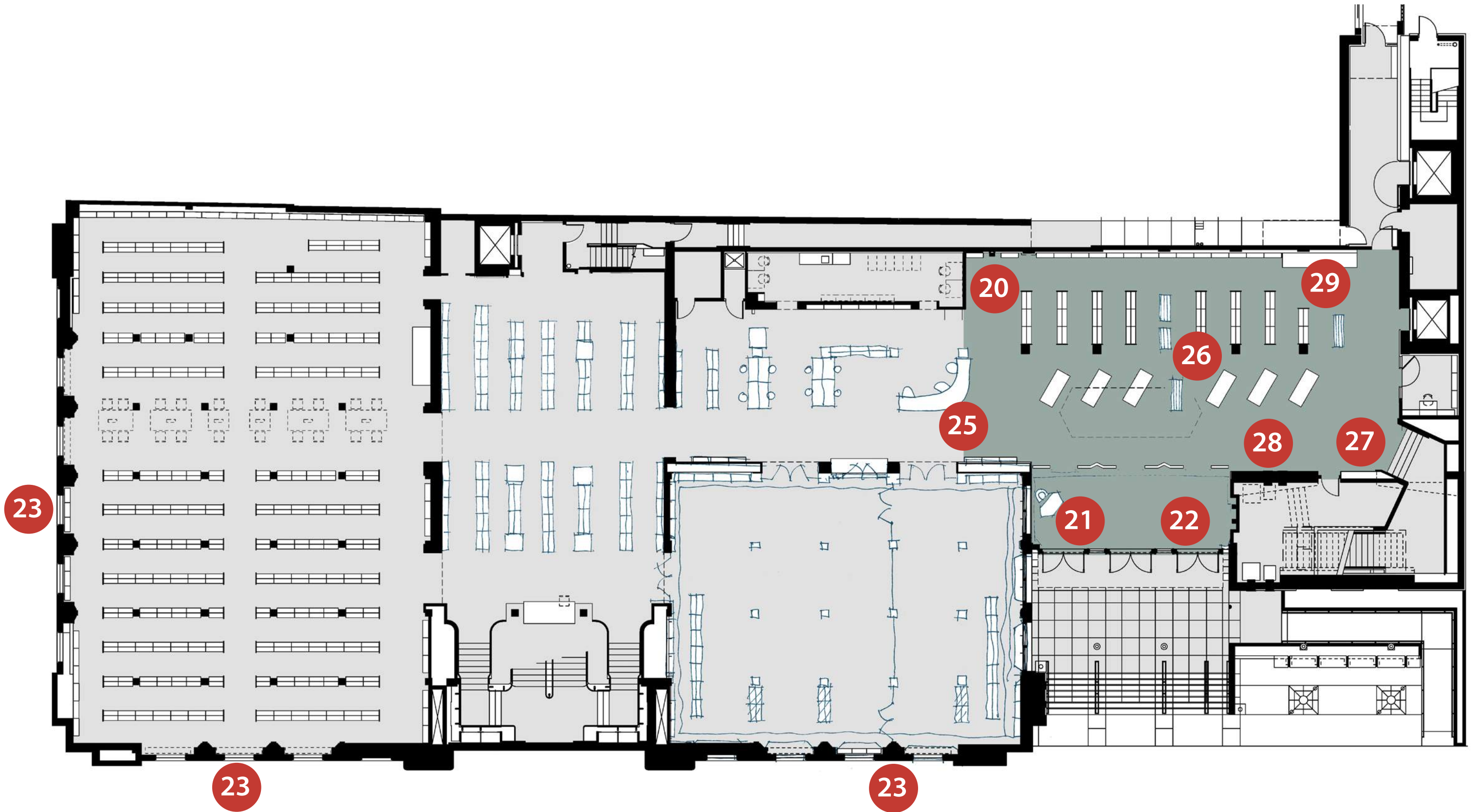
28= \$7,173

29= \$14,345

30 = \$255,323

31= \$107,797

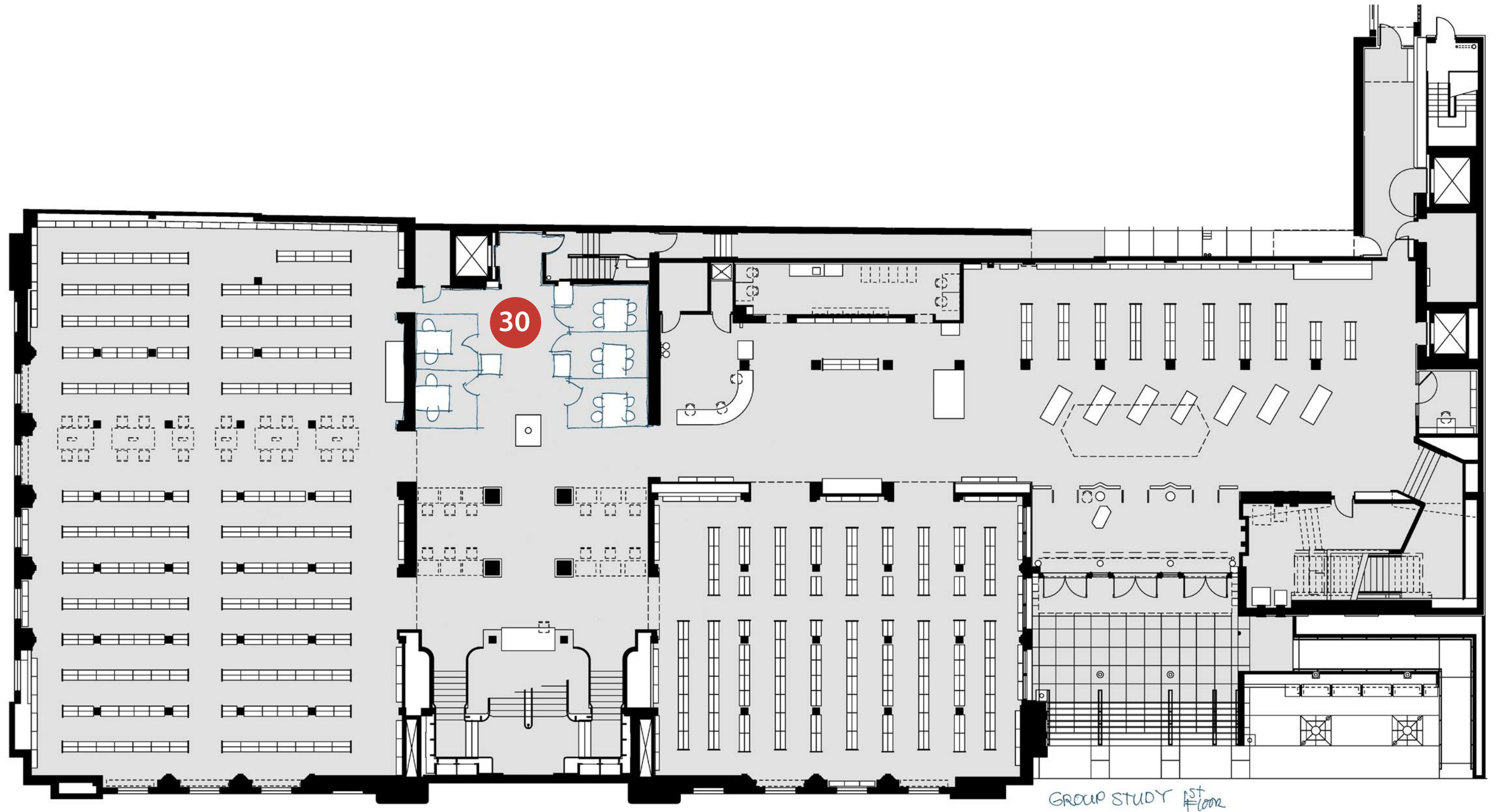
23. Replace glazing at sidewalk-level windows with new tempered glass.
24. Add librarian station into main desk. (This is an operational matter for the Library; listed here to remind us but no infrastructure cost is anticipated.)
25. Construct a small librarian station in the space closer to the front 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.**



Scale 1/16" = 1'-0"

### First Floor Changes





GROUP STUDY 1st floor

Scale 1/16" = 1'-0"

### First Floor Group Study

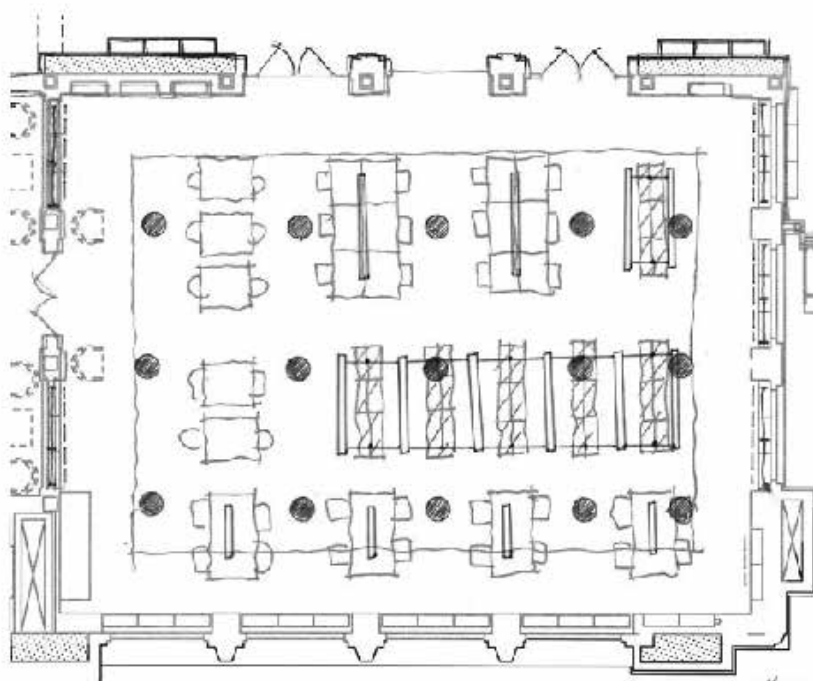




# Second Floor Potential Improvements

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.)
- Removal of (e) reference stacks.
  - New low shelving on casters.
  - Modify (e) wooden perimeter shelving to become adjustable; refinish.
  - Fill 4 (e) openings with frameless glass doors
  - HVAC adjustments to account for newly separated spaces.
  - Carpet? New flooring in any case.
  - 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.)
  - New lighting at built-in wall perimeter shelving – new up-down fixtures at existing locations, but raised overhead.
  - Acoustic infill in ceiling coffers. (Engage acoustic specialist for additional acoustic suggestions.)
  - New options for electrical power – core locations in floor. (assume 12 locations)
  - Paint touch-up where finishes are affected.
  - New tables and chairs.

32 = \$492,690



32 g & h

Scale 1/16" = 1'-0"

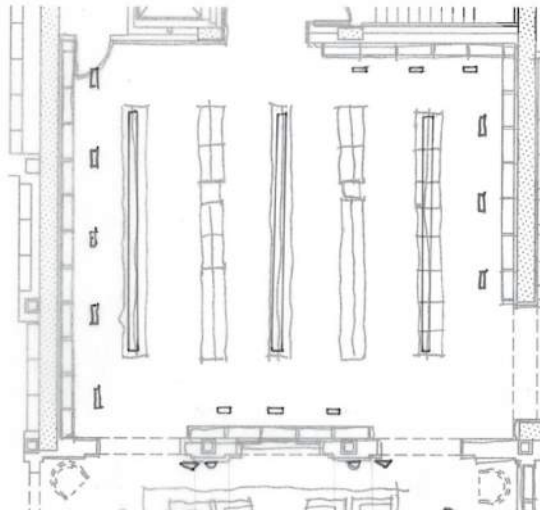
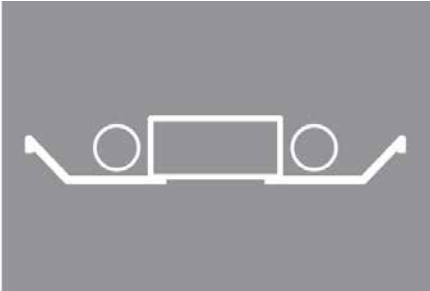
### Reference Room - Reconfigured:

- 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 = \$287,665

### 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.



Scale 1/16" = 1'-0"

#### 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.

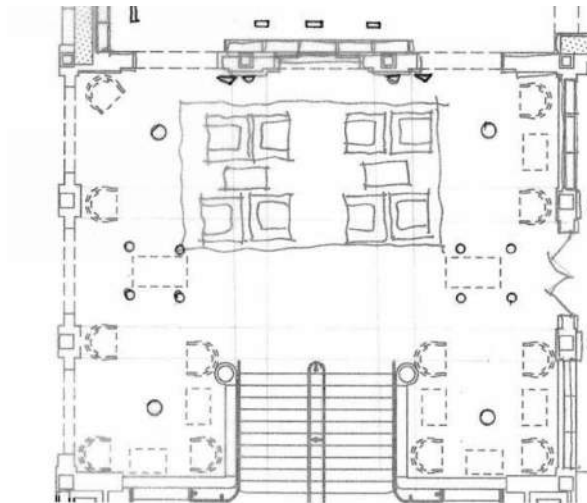
- a. Improve lighting.
- b. Modify casework to decrease size; create patron help desks. (Consider re-purposing some of the space behind the service desk.)
- c. Create interactive digital display area.
- d. Upgrade electrical access to support these changes.

34 = \$18,172

### 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)

35 = \$110,410



Scale 1/16" = 1'-0"



#### 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 = \$10,621

**36. Improve Acoustics in Main Reading Room**

- a. Carpet.
- b. Put soft caster or feet on chairs and/or tables.

37 = \$51,820

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

38 = \$26,375

**38. Computer Area Improvements - Option 1 – reduce number and space farther apart in existing space.**

- a. Reconfigure power.
- b. Repair flooring.

39 = \$161,857

**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 = \$250,913

**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.

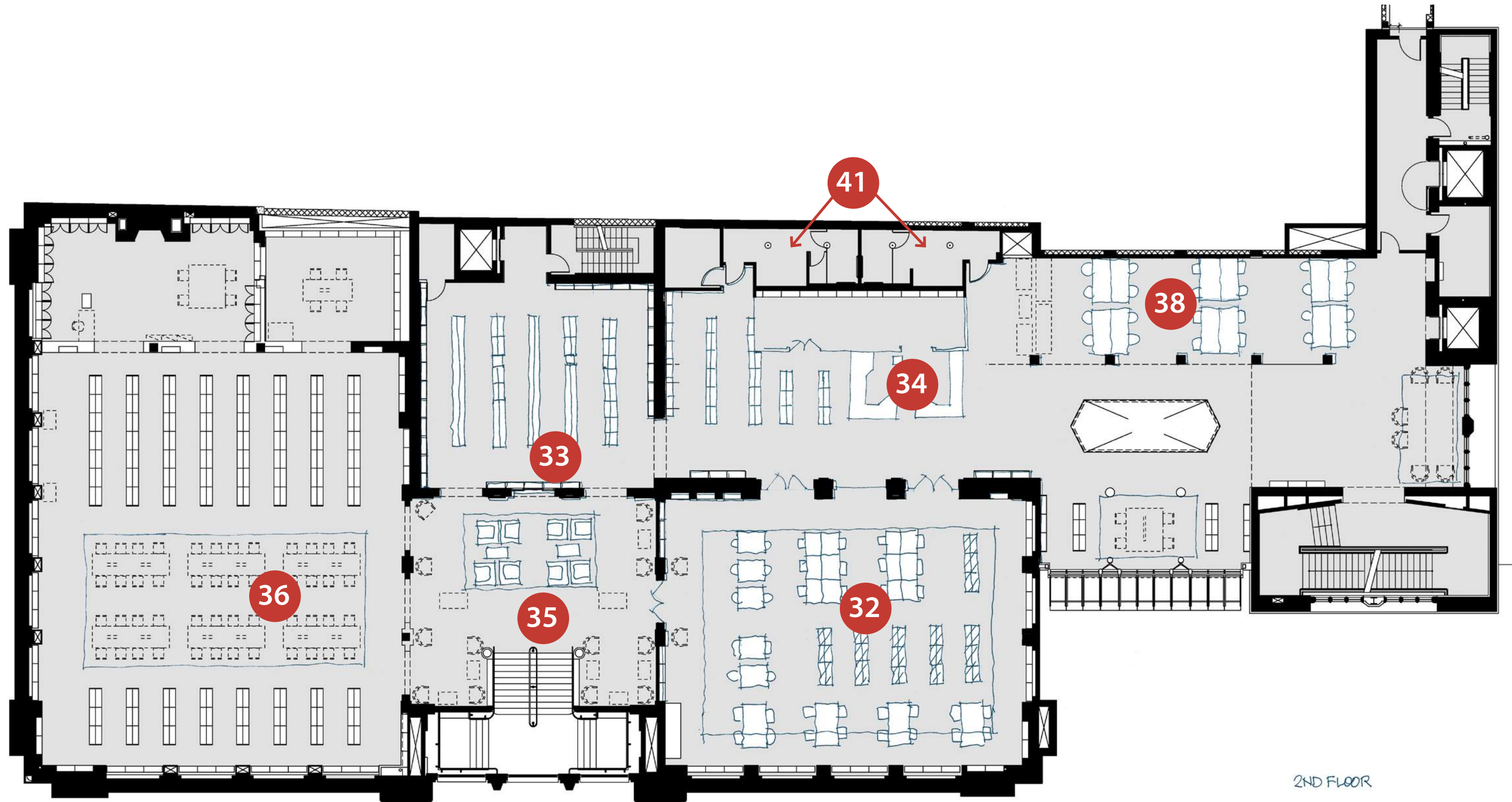
41 = \$16,347

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

- a. Regrout tile.
- b. Replace mirrors and other accessories in same locations.

42 = \$186,424

**42. Repaint second floor.**

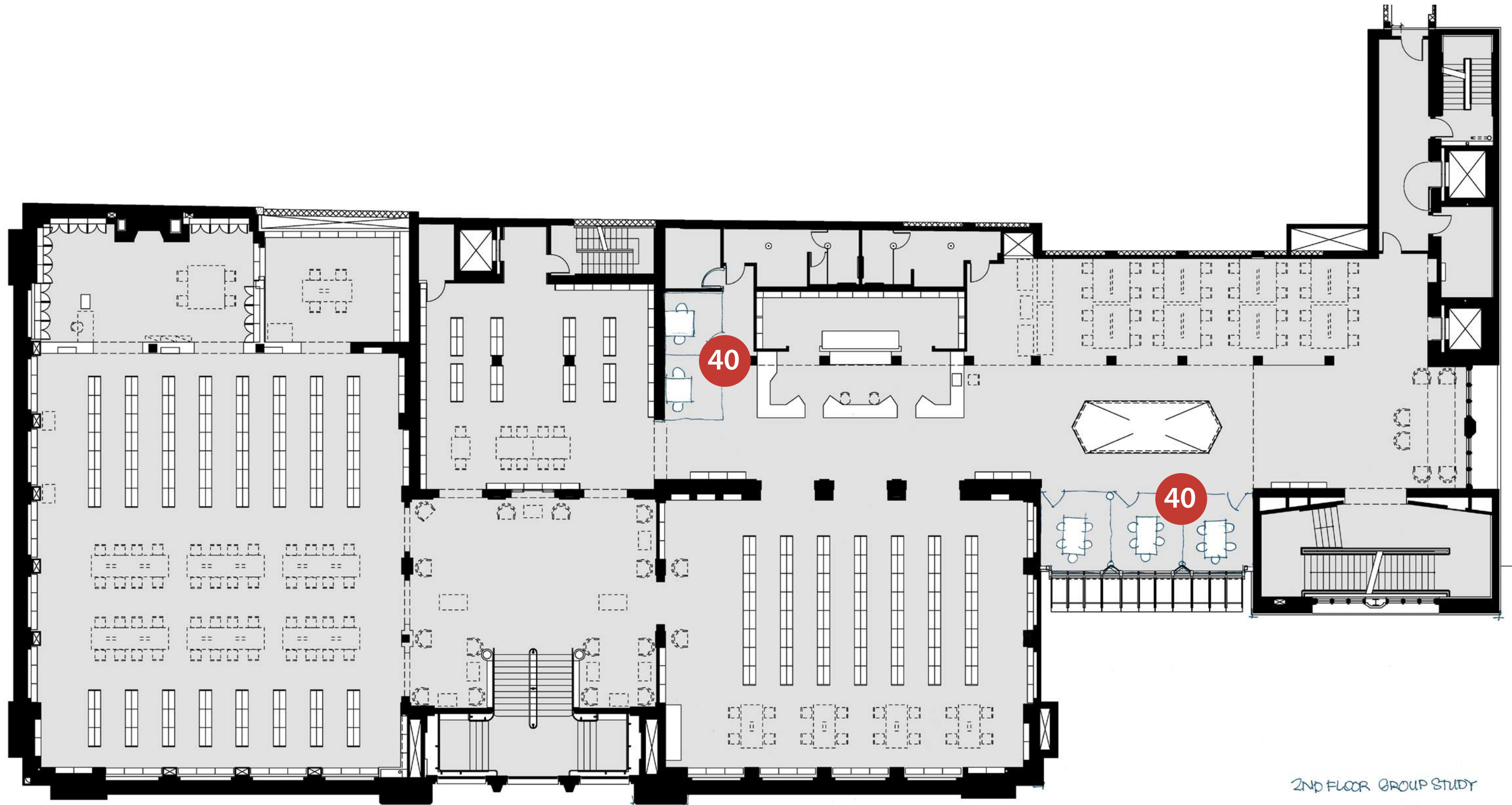


2ND FLOOR

Scale 1/16" = 1'-0"

## Second Floor Changes





2ND FLOOR GROUP STUDY

## 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)

43= \$71,718

44 = \$25,821

45 = \$178,638

46= \$46,802

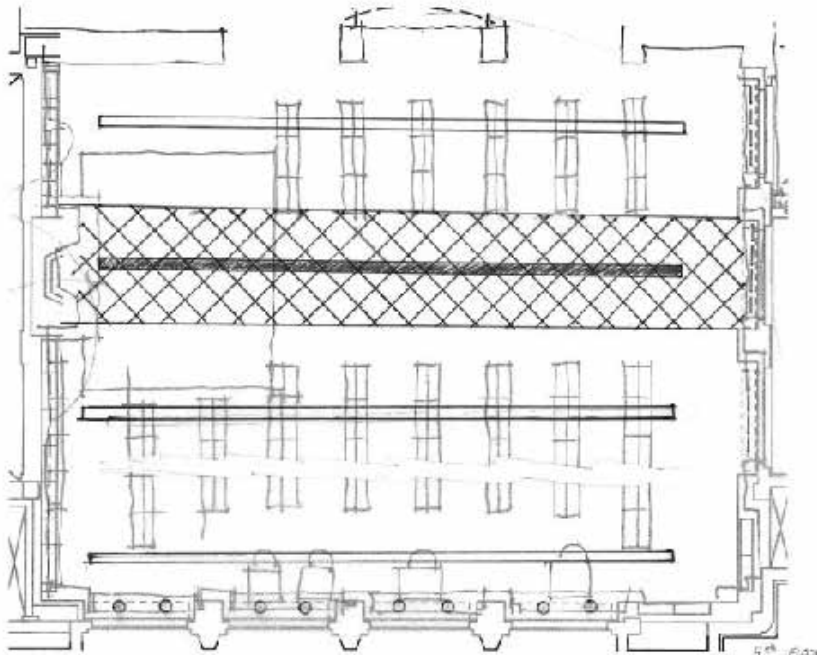


# Fourth Floor Potential Improvements

48. Enhance central area of main room. (Consider integrating fabric on ceiling for acoustic improvements)

48 = \$195,567

- 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.



Scale 1/16" = 1'-0"



## 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.

49 = \$18,670

50 = \$8,966

51 = \$96,534

f. Integrate OPAC stations into this space.

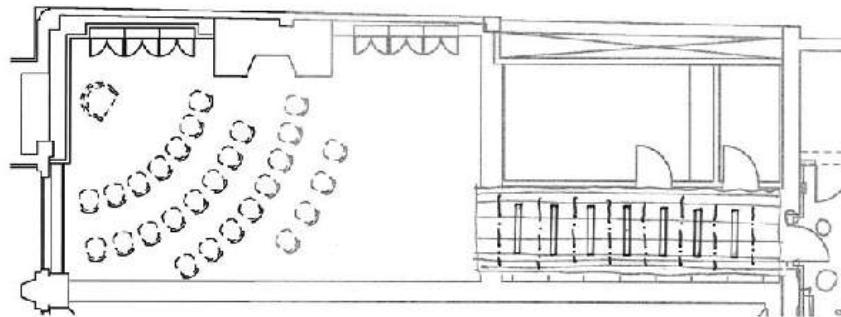
**49. Window seat area.**

- 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.



Scale 1/16" = 1'-0"

**51a: Tunnel to Storyroom:**

- Install new translucent scrim-like ceiling suspended "banners".
- Install new LED linear lighting element interspersed between hanging "banners".

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



Copyright © 2014 Burgeon Group, LLC. All rights reserved.

53

54= \$1,435

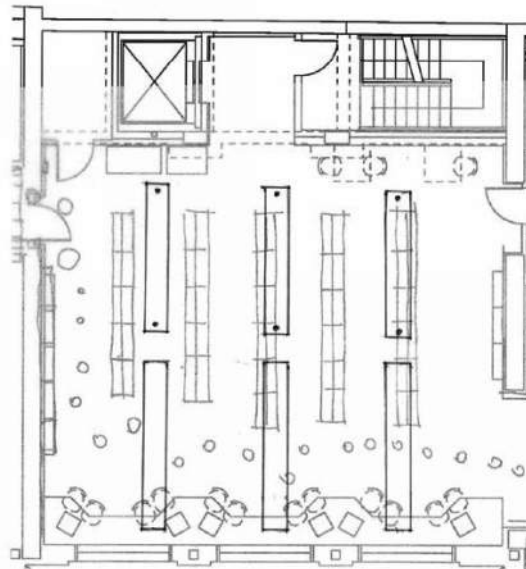
55= \$7,173

56 = \$134,543

57 = \$109,984

\$40,000.00)

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.



Scale 1/16" = 1'-0"

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. a. Include all costs from Media area Option 1, item 57 above.
- b. b. Casework demo in existing media area.
- c. c. New flooring.
- d. d. New ‘teen area furniture and data and power (8 locations in the floor).

58 = \$157,843

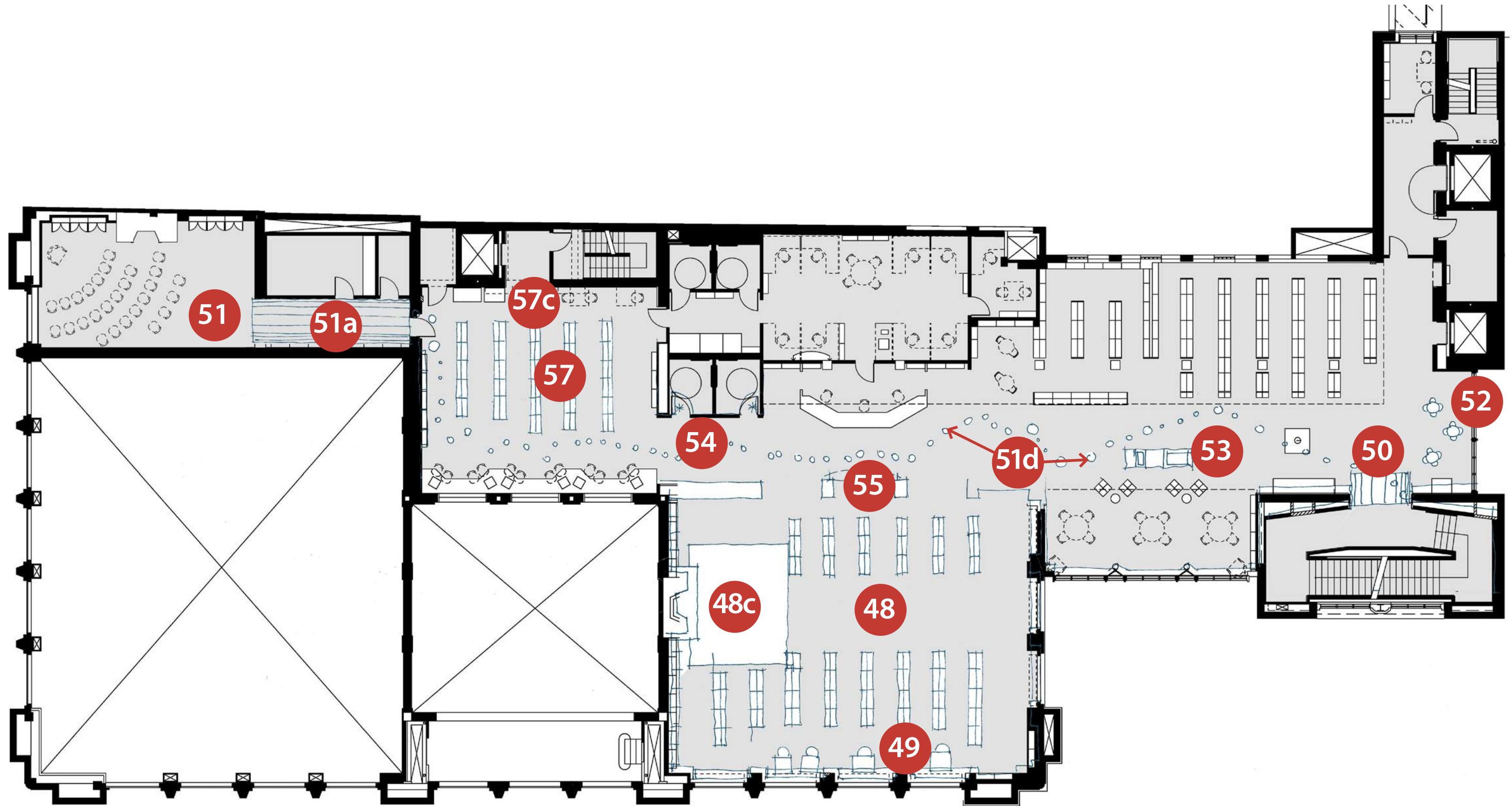
**59. General Improvements to fourth floor.**

- 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"

## Fourth Floor Changes





Scale 1/16" = 1'-0"

**Fourth Floor Media Area**  
**Option 2**

Berkeley Central Library 67



# 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 = \$37,871



**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)



64c

65 = \$72,744

**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 = \$5,021

**66. Digital screen showing display rotating through slide collection.**

67 = \$5,738

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

68 = \$3,091

**68. Improve ventilation in fifth floor staff workroom.**

69 = \$107,111

**69. General improvements to fifth floor.**

- a. Repaint fifth floor.
- b. Replace linoleum throughout modern area of the fifth floor.



Scale 1/16" = 1'-0"

### Fifth Floor Changes





# 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.



65 Ton McQuay AC Unit



Carrier Constant Volume AC Unit

4. Six split air conditioning systems are used to serve the 1<sup>st</sup> floor Bancroft elevator room, Bancroft 1<sup>st</sup> floor telecommunication room, Bancroft a computer room on the 2<sup>nd</sup> floor, Kittredge 1<sup>st</sup> floor elevator rooms.



Condensing Unit for Split System



Building Toilet Exhaust Fan

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.



Roof Mounted Condensing Boilers



Condensate Treatment System

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.

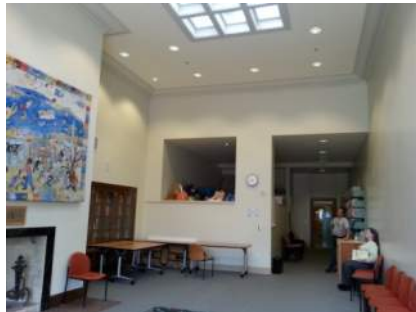
#### B. Plumbing System

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 5<sup>th</sup> 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 4<sup>th</sup> Floor Children Media Room, can be improved with better lighting.



4<sup>th</sup> Floor Children Story Room



4<sup>th</sup> Floor Children Media Rm

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.



Existing Up-lights at 3<sup>rd</sup> Floor



Existing Up lights

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 out dated 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 acoustical 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 involves 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.



Existing Toilet and Lavatory

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-Friction, First Floor Friction, 2<sup>nd</sup> Floor Reading Room, 2<sup>nd</sup> Floor Historic Reference, 2<sup>nd</sup> 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<sup>nd</sup> Floor Reading Room



Non-Fiction Room

2. Occupancy sensors can be used for the 4<sup>th</sup> 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-Friction, 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 2<sup>nd</sup> Floor Reference Desk Open Area.
5. Replace existing down-lights at the Bancroft Wing 3<sup>rd</sup> 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



**Noll&Tam Architects**  
**Project: Berkeley Main Public Library**  
**Young Adult Space Focus Group Results**  
4 May 2014

**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 childish 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
- ✓ “Comftorbality” (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.

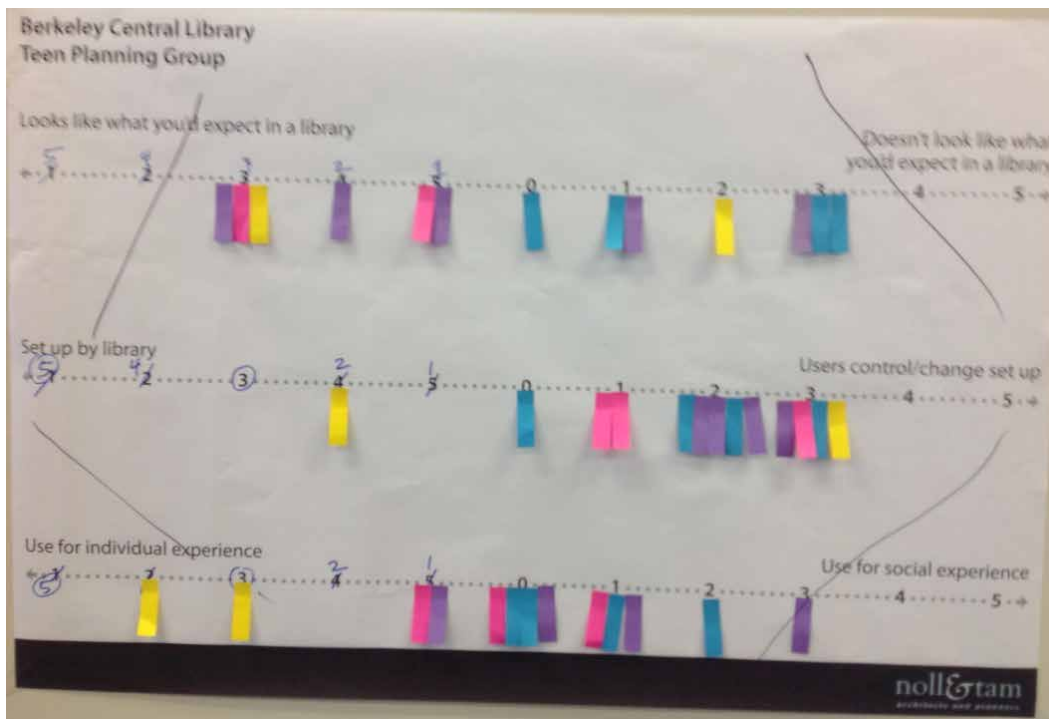
Beyond these aesthetic themes three programming and design values cohered in written notes and discussion that will help guide the many choices ahead:

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 quiet with more social or higher noise levels being relegated to “caves” or other noise-suppressed areas of the space.



Meeting	Location	Agenda
Meeting #1 (18 March 2014)	Berkeley Public Library (Main)	<ul style="list-style-type: none"> <li>• Review project goals</li> <li>• Introductions</li> <li>• Slideshow pass #1</li> <li>• Discussion</li> <li>• Slideshow pass #2</li> <li>• Discussion</li> <li>• Next steps</li> </ul>
Meeting #2 (28 March 2014)	Oakland Public Library (Main)	<ul style="list-style-type: none"> <li>• Tour TeenZone</li> <li>• Debrief with Likert scales and Meeting #1 discussions</li> </ul>
Meeting #3 (15 April 2014)	Berkeley Public Library (Main)	<ul style="list-style-type: none"> <li>• Review of previous feedback (notebook rankings, Likert discussions)</li> <li>• New ranking with wall chart attributes</li> <li>• Preview of current building program (building plans)</li> <li>• Tour of current BPL building program (two locations)</li> <li>• Meet with City Librarian, D. Corbeil</li> <li>• Final discussion</li> </ul>

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)

 <b>Top 5 “likes:”</b>		 <b>Top 5 “dislikes:”</b>	
1) # 30 with 9	Aarhus (red couch)	1) # 41 with 5	Delft DOK (floor pillow)
2) # 28 with 8	Madison (caves)	2) # 4 with 4	Delft DOK (purple cave)
3) # 39 with 7	U of Santa Clara	3) # 6 with 4	OPL TeenZone
4) # 47 with 7	Scotts Valley	4) # 35 with 4	San Mateo (chairs)
5) # 62 with 7	TioTretton Kulturhuset, Stockholm (“Boom Boom” room)	5) 3 votes each (#5, 16, 38, 55, 56)	

**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

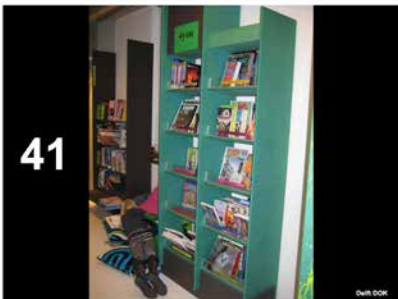
**Youth Focus Group Participants:**

- 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

 Likes



 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

Planning Team Meeting 1	February 4, TUE	9:00-11:00AM	Central Library Admin Mtg. Rm.
Teen Meeting 1	March 18, TUE	3:30 – 6:00PM	Central Library Admin Mtg. Rm.
Planning Team Meeting 2	March 26, WED	9:00 – 11:00AM	Central Library Admin Mtg. Rm.
Staff Focus Group	March 28, FRI	9:00 – 10:30AM	Central Library Community Mtg. Rm.
Teen Meeting 2 (Tours)	March 28, FRI	4:00PM	Oakland Public Library Teen Zone
Teen Meeting 3	April 15, TUE	3:30 – 6:00PM	Central Library Admin Mtg. Rm.
Community Focus Group 1	April 16, WED	6:30 – 8:00PM	Central Library Community Mtg. Rm.
Community Focus Group 2	April 26, SAT	12:00 – 1:30PM	Central Library Children’s Room
Planning Team Meeting 3	May 7, WED	9:00 – 11:00AM	Central Library Admin Mtg. Rm.
Staff Workshop 1	May 16, FRI	8:00AM – 12:00PM	Central Library Community Mtg. Rm.
Staff Workshop 2	May 20, TUE	2:00-3:30PM	Central Library Children’s Room
Staff Workshop 3	May 27, TUE	1:30 - 3:30PM	Central Library Admin Mtg. Rm.
Special BOLT Meeting Work- shop / Presentation	July 23, WED	6:00pm	South Branch 1901 Russell Street



# project meeting notes

Project: Berkeley Central Library Renovation	Meeting Date: 3/18/2014 Meeting Time: 3:30-6:00PM
Meeting: Teen Focus Group No. 1	Location: Central Library Admin Meeting Room

**AB's Transcribed Notes from Focus Group Meetings  
Focus Group Meeting #1 (18 March 2014)  
Berkeley Public Library (Main)**

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**

# project meeting notes



729 Heinz Avenue  
Berkeley  
CA 94710  
510.542.2200  
fax 510.542.2201  
nollandtam.com

Project: Berkeley Central Library Renovation	Meeting Date: 3/26/2014 Meeting Time: 9:00-11:00AM
Meeting: Planning Team Meeting No. 2	Location: Central Library Admin Meeting Room

## 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)

# project meeting notes

Project: Berkeley Central Library Renovation	Meeting Date: 3/28/2014 Meeting Time: 9:00-10:30AM
Meeting: Staff Input	Location: Central Library Admin Meeting Room

*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
- 3<sup>rd</sup> floor space is generally working well
- connecting staircase in the addition
- Great free info – public info
- 4<sup>th</sup> 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 5<sup>th</sup> 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 5<sup>th</sup> 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

# project meeting notes

Project: Berkeley Central Library Renovation	Meeting Date: 4/16/2014 Meeting Time: 6:30-8:00PM
Meeting: Community Focus Group No.1	Location: Central Library Community Meeting Room

*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?

# project meeting notes

Project: Berkeley Central Library Renovation	Meeting Date: 4/26/2014 Meeting Time: 12:00-1:30PM
Meeting: Community Focus Group No. 2	Location: Central Library Children's Room

*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 5<sup>th</sup> floor art

### Comments and Ideas

---

- Art-making space on 5<sup>th</sup> 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 5<sup>th</sup> floor
- Could 3<sup>rd</sup> floor mtg. room be used for art exhibits?
- Investigate radiation from machinery and lights
- Increase use of daylighting
- Consider needs of homeless library users



# project meeting notes



729 Heinz Avenue  
Berkeley  
CA 94710  
510.542.2200  
fax 510.542.2201  
nollandtam.com

Project: Berkeley Central Library Renovation	Meeting Date: 7/23/2014 Meeting Time: 6:00PM
Meeting: BOLT Presentation	Location: South Branch 1901 Russell Street

## 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	Cost	Total Cost
<b>TEEN ROOM OPTION A (Teen Room on First Floor)</b>		
1. Convert First Floor fiction room to teen room	\$232,042	\$332,867
1. j. New Teen Room furniture and features	147,774	211,983
2. Convert First Floor carrel/gallery space to non-fiction shelving	79,060	113,412
3. Convert Teen Room to collection	200,532	287,665
4. Convert Third Floor to hold part of fiction collection	76,886	110,294
5. Move Periodicals, gallery space & study carrels to reference	379,295	544,102
6. Reconfigure Reference desk: east half to receive collections	30,073	43,140
7. Reconfigure holds/self-check to include OPAC stations & community board	65,840	94,448
<b>Subtotal TEEN ROOM OPTION A (Teen Room on First Floor)</b>		<b>\$1,737,912</b>
<b>TEEN ROOM OPTION B (Reference switches with Teen)</b>		
8. Convert Reference Room to more flexible space.	\$343,455	\$492,690
9. New Teen Room furniture and features.	147,774	211,983
10. Convert Teen Room to Reference collection	200,532	287,665
11. Additional work in Reference for Teen Room Option B	52,180	74,853
<b>Subtotal TEEN ROOM OPTION B (Reference switches with Teen)</b>		<b>\$1,067,191</b>
<b>TEEN ROOM OPTION C (Third Floor conversion to Teen)</b>		
12. Frameless laminated glass infill entire mezzanine edge.	\$124,529	\$178,638
13. Lighting improvements	59,008	84,648
14. Remove/convert wall-mounted shelving	10,350	14,847
15. Repainting of space	incl w/16	
16. New Teen Room furniture and features	147,774	211,983
17. Convert Teen room to Periodicals	212,032	304,162
<b>Subtotal TEEN ROOM OPTION C (Third Floor conversion to Teen)</b>		<b>\$794,278</b>
18. Option instead of 17: put computers in (e) Teen.	112,831	161,857
<b>TEEN ROOM COMMON ELEMENTS (include w/every Teen Room option)</b>		
19. New Teen Room furniture and features	147,774	211,983
<b>FIRST FLOOR POTENTIAL IMPROVEMENTS</b>		
20. Replace pavers inside entrance with new precast pavers	132,920	190,675
21. Improvements to guard station	2,000	2,869
22. Improve lighting right inside entry doors	3,000	4,304
23. Tempered glass at sidewalk-level windows	7,000	10,042
24. Add librarian station into main desk	no infrastructure cost	
25. Construct small librarian station in space closer to front door	7,500	10,759
26. Create welcoming seating area inside front door	8,000	11,476
27. Create signage installation	25,000	35,863
28. Install electronic "Foundation Campaign" sign	5,000	7,173
29. Improve Community Information area	10,000	14,345
30. First Floor Study Room Option	177,986	255,323
31. Paint first floor	75,146	107,797

<b>Project Summary</b>	<b>Cost</b>	<b>Total Cost</b>
<b>SECOND FLOOR POTENTIAL IMPROVEMENTS</b>		
32. Convert Reference Room to more flexible space	343,455	492,690
33. Convert Teen Room to different library collection	200,532	287,665
34. Reconfigure reference desk area	12,668	18,172
35. Improve historic lobby	76,967	110,410
36. Improve Acoustics in Main Reading Room	7,404	10,621
37. Replace linoleum flooring in second floor modern area	36,124	51,820
38. Computer Area Improvements - Option 1	18,386	26,375
39. Computer Area Improvements - Option 2	112,831	161,857
40. Second Floor Study Room Option	174,912	250,913
41. Refresh finishes and fixtures in second floor restrooms	11,396	16,347
42. Paint second floor	129,957	186,424
<b>THIRD FLOOR POTENTIAL IMPROVEMENTS</b>		
43. Softer flooring to improve acoustics	49,995	71,718
44. Replace oversize tables to improve flow & allow more seating	18,000	25,821
45. Provide glass infill wall at edge to improve sound and safety	124,529	178,638
46. Paint third floor	32,626	46,802
<b>FOURTH FLOOR POTENTIAL IMPROVEMENTS</b>		
48. Enhance Main Room central area	136,331	195,567
49. Window seat area	13,015	18,670
50. Entrance archway feature at opening off main stair	6,250	8,966
51. Enhance story time room.	67,294	96,534
52. Change furniture & features to identify west window area with kids' floor.	7,500	10,759
53. Replace artistic climbing object	40,000	57,380
54. Dramatic signage at restroom doors.	1,000	1,435
55. Mirror art project across from desk	5,000	7,173
56. Shelving improvements throughout floor -	93,790	134,543
57. Media area Option 1 - no location change for functional areas.	76,670	109,984
58. Media area Option 2	110,033	157,843
59. General Fourth Floor improvements	95,901	137,571
<b>FIFTH FLOOR POTENTIAL IMPROVEMENTS</b>		
60. Relocate sports and games books	Operational; no cost impact	
61. Improvements to periodical display area.	35,300	50,638
62. Create music listening/music practice opportunities: mostly mobile.	58,725	84,241
63. Changes to shelving.	37,600	53,938
64. Changes to improve seating.	26,400	37,871
65. Changes for Fifth Floor performance area	50,710	72,744
66. Digital screen for slide collection display	3,500	5,021
67. Isolate mechanical equipment above 5 <sup>th</sup> floor staff room	4,000	5,738
68. Improve ventilation in Fifth Floor staff workroom.	2,155	3,091
69. General Fifth Floor improvements	74,667	107,111

## GENERAL IMPROVEMENTS – POSSIBLE THROUGHOUT MULTIPLE FLOORS

### Project Summary

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

Summary	Cost	General	Contractor's	Contingencies		Total Cost
		Conditions 8.00%	Fee 5.00%	Design 15.00%	Construction 10.00%	
<b>TEEN ROOM OPTION A (Teen Room on First Floor)</b>						
1. Convert First Floor fiction room to teen room	\$232,042	18,563	12,530	39,470	30,261	\$332,867
1. j. New Teen Room furniture and features	147,774	11,822	7,980	25,136	19,271	211,983
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
<b>TEEN ROOM OPTION B (Reference switches with Teen)</b>						
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
<b>TEEN ROOM OPTION C (Third Floor conversion to Teen)</b>						
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					
<b>16. New Teen Room furniture and features</b>	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
<b>TEEN ROOM COMMON ELEMENTS (included w/every Teen Room option)</b>						
19. New Teen Room furniture and features	147,774	11,822	7,980	25,136	19,271	211,983
<b>FIRST FLOOR POTENTIAL IMPROVEMENTS</b>						
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	no infrastructure cost					
25. Construct small librarian station in space closer to front door	7,500	600	405	1,276	978	10,759
26. Create welcoming seating area inside front door	8,000	640	432	1,361	1,043	11,476
27. Create signage installation	25,000	2,000	1,350	4,253	3,260	35,863
28. Install electronic "Foundation Campaign" sign	5,000	400	270	851	652	7,173
29. Improve Community Information area	10,000	800	540	1,701	1,304	14,345
30. First Floor Study Room Option	177,986	14,239	9,611	30,275	23,211	255,323
31. Paint first floor	75,146	6,012	4,058	12,782	9,800	107,797
<b>SECOND FLOOR POTENTIAL IMPROVEMENTS</b>						
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	36,124	2,890	1,951	6,145	4,711	51,820
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	129,957	10,397	7,018	22,106	16,948	186,424
<b>THIRD FLOOR POTENTIAL IMPROVEMENTS</b>						
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
<b>FOURTH FLOOR POTENTIAL IMPROVEMENTS</b>						
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

**Summary**

	General Cost	General Conditions 8.00%	Contractor's Fee 5.00%	Contingencies Design 15.00%	Contingencies Construction 10.00%	Total Cost
50. Entrance archway feature at opening off main stair	6,250	500	338	1,063	815	8,966
51. Enhance story time room.	67,294	5,384	3,634	11,447	8,776	96,534
52. Change furniture & features to identify west window area with kids' floor.	7,500	600	405	1,276	978	10,759
53. Replace artistic climbing object	40,000	3,200	2,160	6,804	5,216	57,380
54. Dramatic signage at restroom doors.	1,000	80	54	170	130	1,435
55. Mirror art project across from desk	5,000	400	270	851	652	7,173
56. Shelving improvements throughout floor -	93,790	7,503	5,065	15,954	12,231	134,543
57. Media area Option 1 - no location change for functional areas.	76,670	6,134	4,140	13,042	9,999	109,984
58. Media area Option 2	110,033	8,803	5,942	18,717	14,349	157,843
59. General Fourth Floor improvements	95,901	7,672	5,179	16,313	12,506	137,571

**FIFTH FLOOR POTENTIAL IMPROVEMENTS**

60. Relocate sports and games books	Operational; no cost impact					
61. Improvements to periodical display area.	35,300	2,824	1,906	6,005	4,603	50,638
62. Create music listening/music practice opportunities: mostly mobile.	58,725	4,698	3,171	9,989	7,658	84,241
63. Changes to shelving.	37,600	3,008	2,030	6,396	4,903	53,938
64. Changes to improve seating.	26,400	2,112	1,426	4,491	3,443	37,871
65. Changes for Fifth Floor performance area	50,710	4,057	2,738	8,626	6,613	72,744
66. Digital screen for slide collection display	3,500	280	189	595	456	5,021
67. Isolate mechanical equipment above 5 <sup>th</sup> floor staff room	4,000	320	216	680	522	5,738
68. Improve ventilation in Fifth Floor staff workroom.	2,155	172	116	367	281	3,091
69. General Fifth Floor improvements	74,667	5,973	4,032	12,701	9,737	107,111

**GENERAL IMPROVEMENTS – POSSIBLE THROUGHOUT MULTIPLE FLOORS**

70. Kittredge Building staff elevator access	2,500	200	135	425	326	3,586
71. Restroom push-pad auto door operators	1,500	120	81	255	196	2,152
72. Artwork display at accessible stair landings.	2,500	200	135	425	326	3,586
73. Install direct-to-police panic buttons at main service desks.	2,500	200	135	425	326	3,586
74. Replace metal halide lighting on floors 1-3 with new LED fixtures.	852,327	68,186	46,026	144,981	111,152	1,222,672
75. Repair main staircase.	116,325	9,306	6,282	19,787	15,170	166,869
76. Mechanical system improvements (See Appendix X for engineer's report.)	532,250	42,580	28,742	90,536	69,411	763,518

Estimate	Quantity		Unit Price	Cost
<b>TEEN ROOM OPTION A (Teen Room on First Floor)</b>				
1. Convert First Floor fiction room to teen room				
a. Remove shelf infill between central columns at entrance				
Remove self check casework	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 Demoeed 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.			incl w/1j	
i. Painting			incl w/1j	
Subtotal 1. Convert First Floor fiction room to teen room				<u>\$232,042</u>
1. j. New Teen Room furniture and features				
j. Teen Room furniture and features;	1	LS	147,774.00	<u>\$147,774</u>
Subtotal 1. j. New Teen Room furniture and features				<u>\$147,774</u>
2. Convert First Floor carrel/gallery space to non-fiction shelving				
a. Relocated full-height library shelving this area	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				<u>\$79,060</u>
3. Convert Teen Room to collection				
See Second Floor - 33	1	LS	200,532.00	<u>\$200,532</u>
Subtotal 3. Convert Teen Room to collection				<u>\$200,532</u>

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	<u>1,200</u>
Subtotal 4. Convert Third Floor to hold part of fiction collection				<u>\$76,886</u>

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	<u>          </u>
Subtotal 5. Move Periodicals, gallery space & study carrels to reference				<u>\$379,295</u>

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	<u>1,200</u>
Subtotal 6. Reconfigure Reference desk: east half to receive collections				<u>\$30,073</u>

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



Estimate	Quantity		Unit Price	Cost
Fixtures	868	SF	14.00	12,152
Wiring	868	SF	2.50	2,170
Controls	868	SF	3.50	3,038
OPSC casework	8	Ea	1,500.00	12,000
Power/Data	8	Ea	1,000.00	8,000
c. New signage	1	Ea	5,000.00	5,000
Connect casework to electrical	4	Ea	1,000.00	4,000
Study Carrols			relocated	
Chairs			relocated	
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

9. New Teen Room furniture and features. 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 5 b.)	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

Estimate	Quantity		Unit Price	Cost
13. Lighting improvements				
a. New lighting to work with new flexible configuration.				
Fixtures	1,844	SF	14.00	\$25,816
Wiring	1,844	SF	2.50	4,610
Controls	1,844	SF	3.50	6,454
b. Replace ceiling to accommodate lighting change.				
Ceilings	1,844	SF	10.00	18,440
Remove ceilings	1,844	SF	2.00	3,688
Subtotal 13. Lighting improvements				\$59,008
14. Remove/convert wall-mounted shelving				
Remove wall-mounted shelving	45	LF	30.00	\$1,350
Convert wall-mounted shelving	45	LF	200.00	9,000
Subtotal 14. Remove/convert wall-mounted shelving				\$10,350
15. Repainting of space			incl w/16	\$0
Subtotal 15. Repainting of space				\$0
16. New Teen Room furniture and features				
	1	LS	147,774.00	\$147,774
Subtotal 16. New Teen Room furniture and features				\$147,774
17. Convert Teen room to Periodicals				
a. Conversion of (e) Teen Room to collection - See Second Floor - 33				
	1	LS	200,532.00	\$200,532
b. Cost increase for special periodical shelving				
	1	LS	2,500.00	2,500
c. Additional lounge seating and low tables				
	6	Ea	1,500.00	9,000
Subtotal 17. Convert Teen room to Periodicals				\$212,032
18. Option instead of 17: put computers in (e) Teen.				
See Second Floor – 39				
	1	LS	112,831.00	\$112,831
Subtotal 18. Option instead of 17: put computers in (e) Teen.				\$112,831

**TEEN ROOM COMMON ELEMENTS (included w/every Teen Room option)**

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

#### FIRST FLOOR POTENTIAL IMPROVEMENTS

20. Replace pavers inside entrance with new precast pavers				
Precast pavers	3,230	SF	30.00	\$96,900
Base	249	LF	30.00	7,470
Remove pavers	3,230	SF	2.50	8,075
a. Remove/Reinstall shelving for access	273	LF	75.00	20,475
Subtotal 20. Replace pavers inside entrance with new precast pavers				\$132,920

21. Improvements to guard station				
a. Relocate against wall to the east	1	LS	1,000.00	\$1,000
Power/Data	1	LS	1,000.00	1,000
Subtotal 21. Improvements to guard station				\$2,000

22. Improve lighting right inside entry doors				
a. Recessed ceiling panel lights	3	Ea	1,000.00	\$3,000
Subtotal 22. Improve lighting right inside entry doors				\$3,000

23. Tempered glass at sidewalk-level windows	14	Ea	500.00	\$7,000
Subtotal 23. Tempered glass at sidewalk-level windows				\$7,000

Estimate	Quantity		Unit Price	Cost
24. Add librarian station into main desk			no infrastructure	<u>cost</u>
Subtotal 24. Add librarian station into main desk				\$0
25. Construct small librarian station in space closer to front door				
a. Casework (reconfigure from existing locations)	20	LF	200.00	\$4,000
b. Minor adjustments to shelving and lighting	1	LS	2,500.00	2,500
c. Move holds and OPAC tables to desk location	1	LS	1,000.00	<u>1,000</u>
Subtotal 25. Construct small librarian station in space closer to front door				\$7,500
26. Create welcoming seating area inside front door				
a. Adjustments to shelving and lighting				
Shelving	1	LS	2,500.00	\$2,500
Lighting	1	LS	1,500.00	1,500
b. Bench seating integrated with shelving	4	Ea	1,000.00	<u>4,000</u>
Subtotal 26. Create welcoming seating area inside front door				\$8,000
27. Create signage installation	5	Ea	5,000.00	<u>\$25,000</u>
Subtotal 27. Create signage installation				\$25,000
28. Install electronic "Foundation Campaign" sign	1	Ea	5,000.00	<u>\$5,000</u>
Subtotal 28. Install electronic "Foundation Campaign" sign				\$5,000
29. Improve Community Information area casework, flyers, bulletin board				
a. More prominent signage	1	LS	2,500.00	\$2,500
b. Friends and Foundation information area	1	LS	5,000.00	5,000
c. Digital information board	1	LS	2,500.00	<u>2,500</u>
Subtotal 29. Improve Community Information area				\$10,000
30. First Floor Study Room Option				
a. Study rooms at OPACS and community Board Laminated glass walls and doors.				
Walls	1,130	SF	75.00	\$84,750
Steel support	1,130	SF	10.00	11,300
Doors	5	Ea	3,500.00	17,500

Estimate	Quantity		Unit Price	Cost
New flooring. Linoleum	502	SF	10.00	5,020
Remove flooring	502	SF	1.00	502
New furniture.				
Tables	5	Ea	2,000.00	10,000
Chairs	16	Ea	800.00	12,800
b. Adjust lighting, power and HVAC				
HVAC	502	SF	10.00	5,020
Lighting	502	SF	15.00	7,530
Fixtures	502	SF	14.00	7,028
Wiring	502	SF	2.50	1,255
Controls	502	SF	3.50	1,757
Power	502	SF	4.00	2,008
Data	502	SF	8.00	4,016
c. Changes to Holds for OPACS & community board				
See First Floor - 25	1	LS	7,500.00	7,500
<b>Subtotal 30. First Floor Study Room Option</b>				<b>\$177,986</b>
31. Paint first floor				
Walls	26,021	SF	1.50	\$39,032
Ceilings	18,057	SF	2.00	36,114
<b>Subtotal 31. Paint first floor</b>				<b>\$75,146</b>

## SECOND FLOOR POTENTIAL IMPROVEMENTS

32. Convert Reference Room to more flexible space				
a. Remove reference stacks.	336	LF	30.00	\$10,080
Remove perimeter wall wash lights A6	112	LF	8.75	980
Remove/salvage bridged stack lights A7	144	LF	8.75	1,260
Remove/salvage cantilevered stack lights A7A	48	LF	8.75	420
Remove/salvage stack mtd flr up lights A61	60	LF	8.75	525
Remove/salvage stack light sconce A8	14	Ea	35.00	490
b. New low shelving on casters.	108	LF	200.00	21,600
c. Modify (e) wooden perimeter shelving to become adjustable; refinish.				
Refinish	105	LF	30.00	3,150
Make Shelving Adjustable	210	Ea	125.00	26,250
d. Fill 4 (e) openings with frameless glass doors	4	Pr	7,500.00	30,000
Sidelites & transoms	94	SF	75.00	7,050
e. Modify HVAC for new plan	2,594	SF	10.00	25,940
f. Carpet Tile Area rug	1,556	SF	6.00	9,336
New flooring linoleum	2,594	SF	10.00	25,940
Remove flooring	2,594	SF	1.00	2,594
g. New lighting for main room				
Replace pendants custom to match 2 X as big.	15	Ea	5,500.00	82,500
h. New lighting at built-in wall perimeter shelving				
Asymmetric linear LED up lighting w/2" lip to conc	112	LF	150.00	16,800
Salvaged stack mounted fixtures				

Estimate	Quantity		Unit Price	Cost
Modify mounting	112	LF	37.50	4,200
Add clip-on glare shield (Delray Lighting).	112	LF	20.00	2,240
i. Acoustic infill in ceiling coffers. 2'6" x 10'	84	Ea	500.00	42,000
j. Flush Floor Boxes w/Brass Cover	12	Ea	650.00	7,800
k. Paint touch-up where finishes are affected.	4,300	SF	1.00	4,300
l. New tables and chairs. Balance of furniture relocated from other areas.				
Tables	5	Ea	2,000.00	10,000
Study Carrols			relocated	
Chairs	10	Ea	800.00	8,000
				<u>8,000</u>
Subtotal 32. Convert Reference Room to more flexible space				\$343,455

33. Convert Teen Room to different library collection				
a. Replace freestanding stacks with new				
Remove E	182	LF	30.00	\$5,460
Install N	318	LF	200.00	63,600
b. New stack mounted lighting				
Fixtures	318	LF	220.00	69,960
Wiring	318	LF	10.00	3,180
Controls	1,269	SF	3.50	4,442
c. Replace ceiling to accommodate lighting change.				
Remove E GWB ceiling	1,269	SF	1.50	1,904
Install N 2' x 2' suspended ACT ceiling	1,269	SF	6.50	8,249
Remove E lights	1,269	SF	1.00	1,269
Install N lights				
Fixtures	1,269	SF	14.00	17,766
Wiring	1,269	SF	2.50	3,173
Controls	1,269	SF	3.50	4,442
d. New signage.	1	Ea	1,200.00	1,200
e. New flooring. Linoleum	1,269	SF	10.00	12,690
Remove flooring	1,269	SF	1.00	1,269
f. Painting. Walls	1,287	SF	1.50	1,931
				<u>1,931</u>
Subtotal 33. Convert Teen Room to different library collection				\$200,532

34. Reconfigure reference desk area				
a. Improve lighting.	38	LF	135.00	\$5,130
b. Modify casework to decrease size; create patron help desks.				
Remove Casework	12	LF	50.00	600
Relocate Casework	19	LF	75.00	1,425
New flooring. Linoleum	183	SF	10.00	1,830
Remove flooring	183	SF	1.00	183
c. Create interactive digital display area.	1	LS	2,500.00	2,500
d. Upgrade electrical access to support these changes:	1	LS	1,000.00	1,000
				<u>1,000</u>
Subtotal 34. Reconfigure reference desk area				\$12,668

Estimate	Quantity		Unit Price	Cost
35. Improve historic lobby				
a. Acoustic paneling in wall niches.	1,777	SF	25.00	\$44,425
b. Additional seating areas.			relocated	
c. Carpet Tile Area rug	257	SF	6.00	1,542
d. Vertical display cases 6x6, 12 inch deep.	4	Ea	2,500.00	10,000
e. Lighting improvements				
Sconces	10	Ea	1,500.00	15,000
Lower historic pendants	4	Ea	1,000.00	4,000
Core drill for floor lamps.	8	Ea	250.00	2,000
Subtotal 35. Improve historic lobby				\$76,967
36. Improve Acoustics in Main Reading Room				
a. Carpet Tile Area rug	984	SF	6.00	\$5,904
b. Put soft caster or feet on chairs and/or tables.	1	LS	1,500.00	1,500
Subtotal 36. Improve Acoustics in Main Reading Room				\$7,404
37. Replace linoleum flooring in second floor modern area				
New flooring. Linoleum	3,284	SF	10.00	32,840
Remove flooring	3,284	SF	1.00	3,284
Subtotal 37. Replace linoleum flooring in second floor modern area				\$36,124
38. Computer Area Improvements - Option 1				
reduce number and space farther apart in existing space.				
Separated tables for 24 fixed desktop stations				
Tables			relocated	
Chairs			relocated	
a. Reconfigure power.	24	Ea	250.00	6,000
b. Repair flooring				
New flooring linoleum	1,126	SF	10.00	11,260
Remove flooring	1,126	SF	1.00	1,126
Subtotal 38. Computer Area Improvements - Option 1				\$18,386
39. Computer Area Improvements - Option 2				
Computers into (e) Teen 2nd floor				
a. Separated tables for 20 fixed desktop stations				
Tables			relocated	
Chairs			relocated	
b. Reconfigure power,	20	Ea	250.00	5,000
c. New lighting.				
Fixtures	1,291	SF	15.00	19,365
Wiring	1,291	SF	2.50	3,228

Estimate	Quantity		Unit Price	Cost
Controls	1,291	SF	3.50	4,519
d. New full-height library shelving	120	LF	200.00	24,000
Remove book stacks	182	LF	30.00	5,460
New flooring linoleum	1,165	SF	10.00	11,650
Remove flooring	1,165	SF	1.00	1,165
Ceilings	1,165	SF	10.00	11,650
Remove ceilings	1,165	SF	2.00	2,330
New lighting.				
Fixtures	1,165	SF	15.00	17,475
Wiring	1,165	SF	2.50	2,913
Controls	1,165	SF	3.50	4,078
Subtotal 39. Computer Area Improvements - Option 2				<u>\$112,831</u>

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.

Walls	1,000	SF	75.00	\$75,000
Steel support	1,000	SF	10.00	10,000
Doors	5	Ea	3,500.00	17,500
New flooring. Linoleum	638	SF	10.00	6,380
Remove flooring	638	SF	1.00	638

b. New furniture.

Tables	5	Ea	2,000.00	10,000
Chairs	19	Ea	800.00	15,200

c. New lighting, power and data.

Fixtures	638	SF	15.00	9,570
Wiring	638	SF	2.50	1,595
Controls	638	SF	3.50	2,233
Power	638	SF	4.00	2,552
Data	638	SF	8.00	5,104

d. Adjust HVAC system to provide ventilation

	638	SF	30.00	<u>19,140</u>
--	-----	----	-------	---------------

Subtotal 40. Second Floor Study Room Option

\$174,912

41. Refresh finishes and fixtures in second floor restrooms

a. Regrout tile.

Floors	355	SF	3.50	\$1,243
walls	603	SF	4.40	2,653

b. Replace mirrors and other accessories in same loc

	1	LS	7,500.00	<u>7,500</u>
--	---	----	----------	--------------

Subtotal 41. Refresh finishes and fixtures in second floor restrooms

\$11,396

42. Paint second floor

Walls	39,696	SF	2.00	\$79,392
Ceilings	14,447	SF	3.50	<u>50,565</u>



Estimate	Quantity	Unit Price	Cost
Subtotal 42. Paint second floor			\$129,957

### THIRD FLOOR POTENTIAL IMPROVEMENTS

43. Softer flooring to improve acoustics				
New flooring linoleum	4,545	SF	10.00	\$45,450
Remove flooring	4,545	SF	1.00	4,545
Subtotal 43. Softer flooring to improve acoustics				\$49,995

44. Replace oversize tables to improve flow & allow more seating				
Tables	9	Ea	2,000.00	\$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				
a. Frameless laminated glass wall	839	SF	75.00	\$62,925
b. New soffit overhead to catch top edge.	175	SF	10.00	1,750
Riser	210	LF	25.00	5,250
c. Modify HVAC for new plan	2,482	SF	22.00	54,604
Subtotal 45. Provide glass infill wall at edge to improve sound and safety				\$124,529

46. Paint third floor				
Walls	8,230	SF	2.00	\$16,460
Ceilings	8,083	SF	2.00	16,166
Subtotal 46. Paint third floor				\$32,626

### FOURTH FLOOR POTENTIAL IMPROVEMENTS

48. Enhance Main Room central area				
a. New lighting for entire room.				
Fixtures	2,767	SF	16.00	\$44,272
Wiring	2,767	SF	2.50	6,918
Controls	2,767	SF	3.50	9,685
b. New flooring.				
Linoleum	2,767	SF	10.00	27,670
Remove flooring	2,767	SF	1.00	2,767
Carpet Tile Area rug	312	SF	6.00	1,872
Remove stacks	12	LF	30.00	360
Remove/Reinstall end panels	2	Ea	150.00	300
c. Enhance fireplace – pillows, graphics, sculpture	1	LS	11,000.00	11,000

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				<u>\$136,331</u>

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				<u>\$13,015</u>

50. Entrance archway feature at opening off main stair	125	SF	50.00	<u>\$6,250</u>
Subtotal 50. Entrance archway feature at opening off main stair				<u>\$6,250</u>

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.				<u>\$67,294</u>

52. Change furniture & features to identify west window area with kids' floor.

Estimate	Quantity		Unit Price	Cost
a. Tables	3	EA	1,500.00	\$4,500
b. Chairs	12	EA	250.00	3,000
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 <u>\$40,000</u>
Subtotal 53. Replace artistic climbing object				\$40,000
54. Dramatic signage at restroom doors.				2 Ea 500.00 <u>\$1,000</u>
Subtotal 54. Dramatic signage at restroom doors.				\$1,000
55. Mirror art project across from desk				1 LS 5,000.00 <u>\$5,000</u>
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	<u>75,000</u>
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	<u>1,250</u>
Subtotal 57. Media area Option 1 - no location change for functional areas.				\$76,670

Estimate	Quantity		Unit Price	Cost
58. Media area Option 2				
a. Include all costs from Media area Option 1, See 57	1	LS	76,670.00	\$76,670
b. Casework demo in existing media area.	38	LF	30.00	1,140
c. New flooring.				
Linoleum	1,293	SF	10.00	12,930
Remove flooring	1,293	SF	1.00	1,293
d. New 'tween area furniture and data and power (8 locations in the floor).				
Data/power floor outlets	8	Ea	1,000.00	8,000
Furniture	1	LS	10,000.00	10,000
Subtotal 58. Media area Option 2				<u>\$110,033</u>

59. General Fourth Floor improvements				
a. Repaint fourth floor.				
Walls	17,815	SF	2.00	\$35,630
Ceilings	11,958	SF	2.00	23,916
b. Replace linoleum fourth floor modern area				
New flooring. Linoleum	3,305	SF	10.00	33,050
Remove flooring	3,305	SF	1.00	3,305
Subtotal 59. General Fourth Floor improvements				<u>\$95,901</u>

## FIFTH FLOOR POTENTIAL IMPROVEMENTS

60. Relocate sports and games books				Operational; no cost impact
Subtotal 60. Relocate sports and games books				<u>\$0</u>

61. Improvements to periodical display area.				
a. Move general-interest magazines to Periodicals				Operational; no cost impact
b. Condense shelving of Arts & Music magazines.				Operational; no cost impact
c. Convert opened wall area to Reference shelving.	48	LF	200.00	9,600
d. Convert wall that was Reference into gallery space.				
Lighting;				
Fixtures	600	SF	14.00	8,400
Wiring	600	SF	2.50	1,500
Controls	600	SF	3.50	2,100
Paint Walls	600	SF	2.00	1,200
locking glass cases on 50% of wall	5	Ea	2,500.00	12,500
Subtotal 61. Improvements to periodical display area.				<u>\$35,300</u>

62. Create music listening/music practice opportunities: mostly mobile.				
a. Remove closed staff office	203	SF	17.50	\$3,553

Preliminary Design Estimate

Estimate	Quantity		Unit Price	Cost
Glass-walled practice and listening room				
Walls	390	SF	75.00	29,250
Steel support	390	SF	10.00	3,900
Doors	2	Ea	3,500.00	7,000
New flooring. Linoleum	203	SF	10.00	2,030
Remove flooring	203	SF	1.00	203
New lighting, power and data.				
Fixtures	203	SF	15.00	3,045
Wiring	203	SF	2.50	508
Controls	203	SF	3.50	711
Power	203	SF	4.00	812
Data	203	SF	8.00	1,624
Adjust HVAC system to provide ventilation	203	SF	30.00	6,090
Piano			donation	
b. Portable turntables and headphones			Operational; no cost	<u>impact</u>
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	<u>8,000</u>
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	<u>impact</u>
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	

Estimate	Quantity		Unit Price	Cost
Subtotal 65. Changes for Fifth Floor performance area				\$50,710
66. Digital screen for slide collection display	1	LS	2,500.00	\$2,500
Power & Data	1	LS	1,000.00	1,000
Subtotal 66. Digital screen for slide collection display				<u>\$3,500</u>
67. Isolate mechanical equipment above 5th floor staff room	1	LS	4,000.00	<u>\$4,000</u>
Subtotal 67. Isolate mechanical equipment above 5th floor staff room				<u>\$4,000</u>
68. Improve ventilation in Fifth Floor staff workroom.	431	LS	5.00	<u>\$2,155</u>
Subtotal 68. Improve ventilation in Fifth Floor staff workroom.				<u>\$2,155</u>
69. General Fifth Floor improvements				
a. Repaint fifth floor.				
Walls	11,006	SF	2.00	\$22,012
Ceilings	7,963	SF	2.00	15,926
b. Replace linoleum at fifth floor modern area				
Linoleum	3,339	SF	10.00	33,390
Remove flooring	3,339	SF	1.00	<u>3,339</u>
Subtotal 69. General Fifth Floor improvements				<u>\$74,667</u>

**GENERAL IMPROVEMENTS – POSSIBLE THROUGHOUT MULTIPLE FLOORS**

70. Kittredge Building staff elevator access				
Cost per level	1	Ea	2,500.00	<u>\$2,500</u>
Subtotal 70. Kittredge Building staff elevator access				<u>\$2,500</u>
71. Restroom push-pad auto door operators				
Cost per door	1	Ea	1,500.00	<u>\$1,500</u>
Subtotal 71. Restroom push-pad auto door operators				<u>\$1,500</u>
72. Artwork display at accessible stair landings.				
Cost per location	1	Ea	2,500.00	<u>\$2,500</u>
Subtotal 72. Artwork display at accessible stair landings.				<u>\$2,500</u>

Estimate	Quantity		Unit Price	Cost
73. Install direct-to-police panic buttons at main service desks.				
Cost per location	1	Ea	2,500.00	<u>\$2,500</u>
Subtotal 73. Install direct-to-police panic buttons at main service desks.				\$2,500
74. Replace metal halide lighting on floors 1-3 with new LED fixtures.				
Fixtures	40,587	SF	15.00	\$608,805
Wiring	40,587	SF	2.50	101,468
Controls	40,587	SF	3.50	<u>142,055</u>
Subtotal 74. Replace metal halide lighting on floors 1-3 with new LED fixtures.				\$852,327
75. Repair main staircase.				
a. Remove/Replace stair tread and landing pavers.				
stair tread	91	Ea	350.00	\$31,850
landing pavers	925	SF	50.00	46,250
b. RegROUT stair tread joints.	520	LF	5.00	2,600
c. Remove/Replace handrails.	285	LF	125.00	<u>35,625</u>
Subtotal 75. Repair main staircase.				\$116,325
76. Mechanical system improvements (See Appendix X for engineer's report.)				
a. Replace four existing HVAC units with more moder	4	Ea	60,000.00	\$240,000
b. Replace existing toilet exhaust fans for greater cap	2	Ea	10,000.00	20,000
c. Upgrade existing control system software for better	60,500	SF	4.50	<u>272,250</u>
Subtotal 76. Mechanical system improvements (See Appendix X for engineer's report.)				\$532,250

noll&tam

architects and planners

729 Heinz Avenue  
Berkeley, CA 94710  
510.542.2200

[www.nollandtam.com](http://www.nollandtam.com)