San Mateo Public Library

Possible Directions for Space Modification

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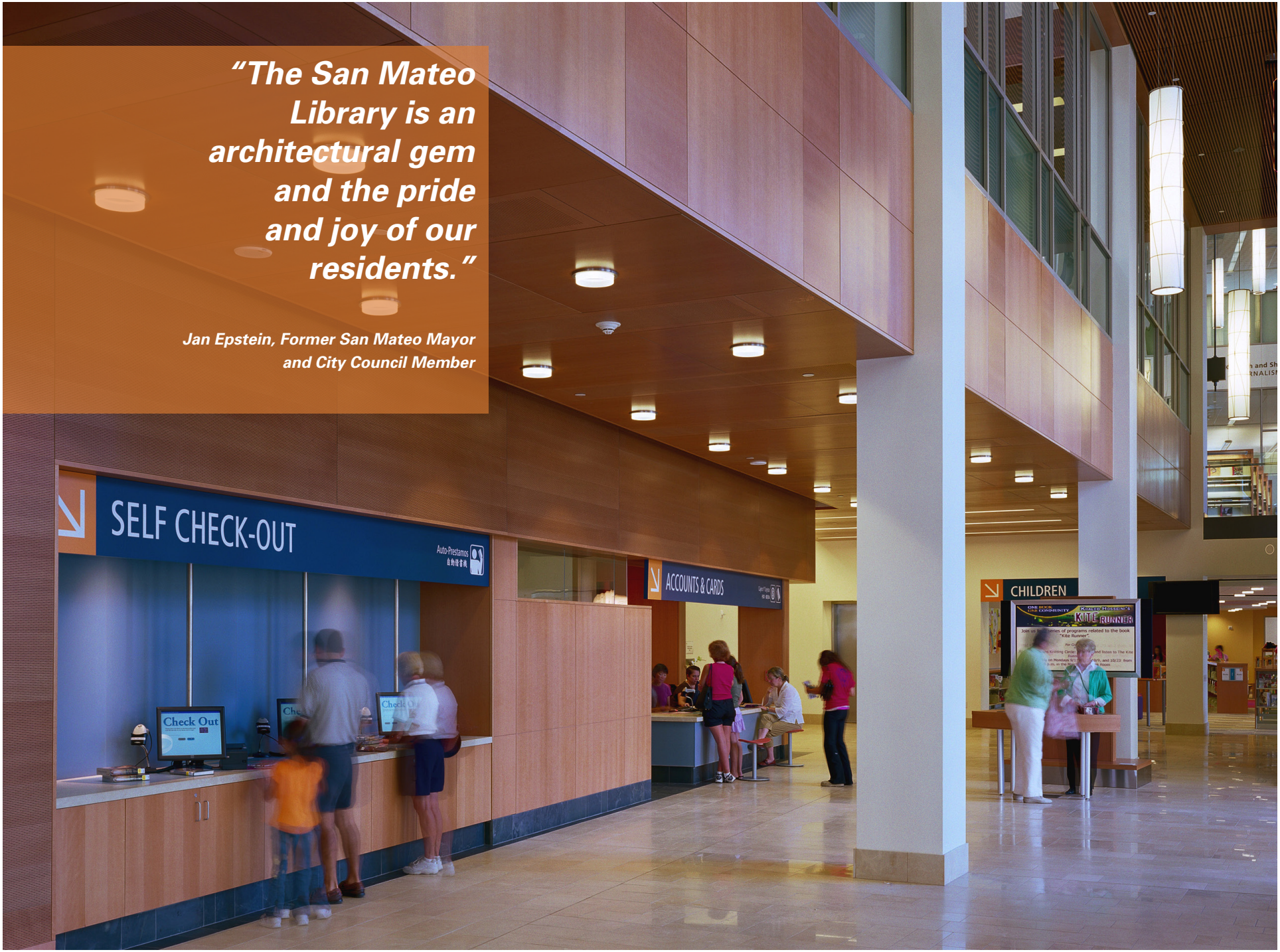


"The San Mateo Library is an architectural gem and the pride and joy of our residents."

Jan Epstein, Former San Mateo Mayor and City Council Member

Photography by Brandon Warren

Table of Contents

"Charting Possible Directions for the Future" 04
"Community Building" 05
Trends and Process 06
Identified Projects 10
Floor plans 11
High Priority Project Areas
- Lobby 14
- Cafe 17
- Children's Library 20
- Teen's Lounge 25
- Hillsdale Library Updates 30
- Marina Library Updates 32

Other Projects
- Business Library 34
- JobSeekers Space 38
- Biotechnology Learning Center 40
- Periodical Storage Space 42

Cost Summary 44

Charting Possible Directions for the Future

In 2016, the San Mateo Public Library reached the 10-year anniversary milestone commemorating the grand opening of the new Main Library (August 27, 2006) and the renovation of the Hillsdale and Marina Branch Libraries. This milestone provided an opportunity to reflect on accomplishments of the past decade and to look forward to the future. A major focus in looking forward was the effort to refresh the Library's three facilities and to enhance or repurpose space to meet current and future needs of the community.

Two areas that were initially deemed by staff to be in need of enhancement are the Children's space in the Main Library and the service areas of both Branches. Yet, staff recognized the importance of securing architectural and design expertise to guide a process for enhancing these spaces as well as exploring possible enhancements throughout the Library. As a result, the Library initiated a space modification project in collaboration with Jennifer Devlin-Herbert, the architect of the San Mateo Main Library and a principal at the EHDD architectural firm, to explore possible ways to modify space in the Main Library and the Branches.

San Mateo Public Library -- Main Branch

Reaching out to Jennifer and the EHDD team was a natural collaboration as the Library and EHDD have forged a strong partnership through the years. The EHDD team has a very good understanding of not only the library facilities in San Mateo but also has good insight of service and design trends in libraries throughout the country and internationally. Equally important, the EHDD team members have a good understanding of the San Mateo community.

After working closely with a task force of library staff and assessing a compilation of feedback and suggestions from community members during the past decade, the EHDD team has developed this road map of possible designs and plans for enhancing space in the future. On behalf of the San Mateo Public Library, I want to thank and acknowledge Jennifer Devlin-Herbert and the EHDD team, Heidi Hanzawa, Rebecca Sharkey, Emily Bello and Anders Carpenter for creating this road map. I also want to thank library staff members who comprised our task force--Jan Busa, Nicol White, Rukshana Singh, James Moore, Virginia Soletti, Mary Kwan and former staff members Carol Stults and Addie Spanbock.

Ben Ocón, City Librarian

Community Building for the Future

The San Mateo Library has always been one of the foundational community institutions in the City of San Mateo. The opening of the new Main Library in August 2006 was the continuation of a decade long commitment to providing a place and library resources unique to the San Mateo community.

With the opening of the new library, residents of San Mateo contributed widely to the conversation about what services belonged in their community library. Reflecting the needs of an early 21st century library, these services included a diverse collection of books and media representing the city's population; more automation to allow staff to dedicate time and resources to patrons; digital technologies and resources that, while still in their infancy, provide the library community as a whole with digital access; a beautiful, comfortable and environmentally exemplary place that represents the pride residents feel toward their town. If Yelp is the critical reviewer of our time, then the current San Mateo Library is a huge hit.

11 years after opening, the Library and City are envisioning their future and anticipating the needs of San Mateo and how the library can accommodate those needs in services and space.

We are honored, as the architects of the main library and the renovated branches, to have engaged with library staff and Board to develop a plan and road map that is truly reflective of the public's desires and needs into the future. This road map is developed in the context of library trends across the state and beyond. The library has already made effective modifications as a result of use demands and new technologies that include updates to the materials handling system and integration of photovoltaic panels. Some areas of the library that have seen exceptional use need to be refreshed or reconsidered including the Children's and Teen areas. Beyond these areas, the following concepts are considered within this road map: makerspaces, integrated wayfinding technologies and refreshed service points, and collaborative work spaces.

Jennifer Devlin-Herbert,
Principal at EHDD Architects

Trends and Process

In the spring of 2017, EHDD and the Library Staff Task Force met to kick-off the development of the San Mateo Public Library's road map for possible directions that will enhance the Library space in the future. Community input from the past decade was integrated in the assessment process to create a program and conceptual designs that address the library's current and anticipated needs.

At the onset of the project, a list of spaces were identified based on community feedback and staff observations of areas in need of enhancement. During the kick-off charrette and throughout months of meetings with the library task force, the project team gathered information to understand the library's character and needs over the coming decade and beyond.

Questions that framed the possibilities included: How can the spaces within the library best reflect the needs of the San Mateo community now and into the future? What is the character of each space? What are the current needs? What are future trends? How do we provide flexibility for the future?

The EHDD project team also met with the City's Department of Public Works to discuss the systems performance of the building.

EHDD team members attended Library events addressing trends and future directions of libraries including "Role of the Library in the Digital Age" hosted by the Library and Library Foundation on April 27th and "Collaborators for the Future: Trends, Signals, and Values for the Library of the Future," a keynote address at the Staff Development Day event on October 9th.

EHDD team members also integrated suggestions and input provided by Library Board members, Library Foundation Board members, and community members in attendance at the May 22nd and November 27th Library Board meetings.

Library trends from the American Library Association Center for the Future of Libraries

The planning process included an ongoing discussion of libraries roles and trends. Trends were analyzed for their relevance to the San Mateo Public Library.

As a community center, the Library is a community-based place for lifelong learning, employment resources, partners in sustainability, special collections, archives and artifacts of local history, a gathering place to meet your neighbors, and a business resource representing a few of the many reasons why community members visit the Library. It is a reflection of San Mateo's diverse population and of the greater Bay Area. It is a center for the arts. It is the people's university. It is a champion of youth by teaching important life skills and partnering in child development.

The space modifications are physical responses to library trends, which allow the library to respond to the community's needs directly.

Discussion on trending topics included:

Connected learning: creating digital and peer supported learning environments

Digital natives: the consideration of younger generations born and raised in the age of technology versus digital immigrants (older generations less familiar with technology) and providing spaces and technologies for each
born and raised in the age of technology versus digital immigrants (older generations less familiar with technology) and providing spaces and technologies for each

Data everywhere: being able to analyze and find meaning in data with the goal of creating dialogue—providing digital dashboards

Flipped learning: emerging from the idea that it is more meaningful for students to first study at their own pace, then apply the knowledge in the classroom—creating spaces for students to study and watch courses online

A list of desirable programmatic elements emerged through the visioning process:

a. Places for small groups and large groups to collaborate
b. Study rooms for individuals
c. Places for making and innovation
d. Integration of digital media and technologies in the lobby
e. Places for display
f. Move cafe near entrance
g. Children's Library adjustments
h. Better use of underutilized collections

The project team initially categorized projects into small and large scale. It then switched its approach to engage the short-term and long-term changes desired within each identified area. However, the project evolved to adopt the strategy of ranking projects based on priority. This strategy is the most responsible both fiscally and with regards to sustainable construction. Desired long-term changes were incorporated into the recommended designs for each project area.

The project team maintained and enhanced the following design characteristics:

- Improving acoustics
- Flexibility
- Staff visibility/oversight
- Clearer way-finding and circulation

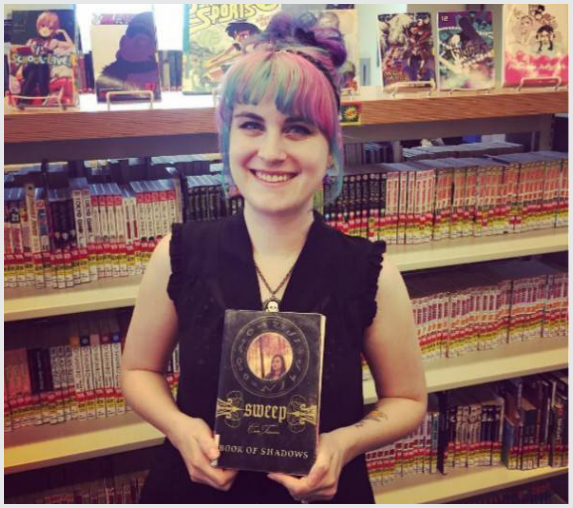
The staff provided feedback to determine space needs, important adjacencies, functional and area requirements, and design criteria. The project team developed a design option for each area. This process was highly interactive with library staff as the project team solicited feedback from staff after each design iteration always being mindful of the community's input during the first 10 years. A digital 3D model of the current building was created to aid in the visualization and documentation of proposed designs. Options were refined to one recommended design per project area after several rounds of discussions with staff.

The project team met with systems engineers from ARUP to evaluate the implications of the recommended designs on existing mechanical, electrical, plumbing, lighting, and fire safety systems. The consultants analyzed the proposed designs and developed conceptual-level recommendations to address impacts on utilities for each programmatic change. TBD Consultants estimated the cost for each project area. This booklet will be used to inform community stakeholders of the project and for fundraising purposes.

"I have researched using their free WiFi in literally every nook and cranny in the place. And, I have edited my first novel there and now writing my second one sometimes there too."

"A true community hub!"

"There's plenty of parking, large chairs, huge desks, and even some private study rooms."



"Beautifully designed building, open and airy. I go there to work in a quiet and productive setting once or twice a week."

"Coffee store is small not easy to find it but looks very nice. Many different tables and places are ready for you anytime."

"Beautiful welcoming state-of-the-art library. Loved visit."

"The best library I've ever been. Friendly and helpful staff, more selections on everything, nice and neat, more computers and more time to use them. Love it!"

"A valuable community resource. The staff is great. The printer and scanner are easy to use. The wifi works very well. There are many desks and comfy chairs. I haven't even checked out the terrace yet."

Community input gathered from Yelp.com

Identified Projects

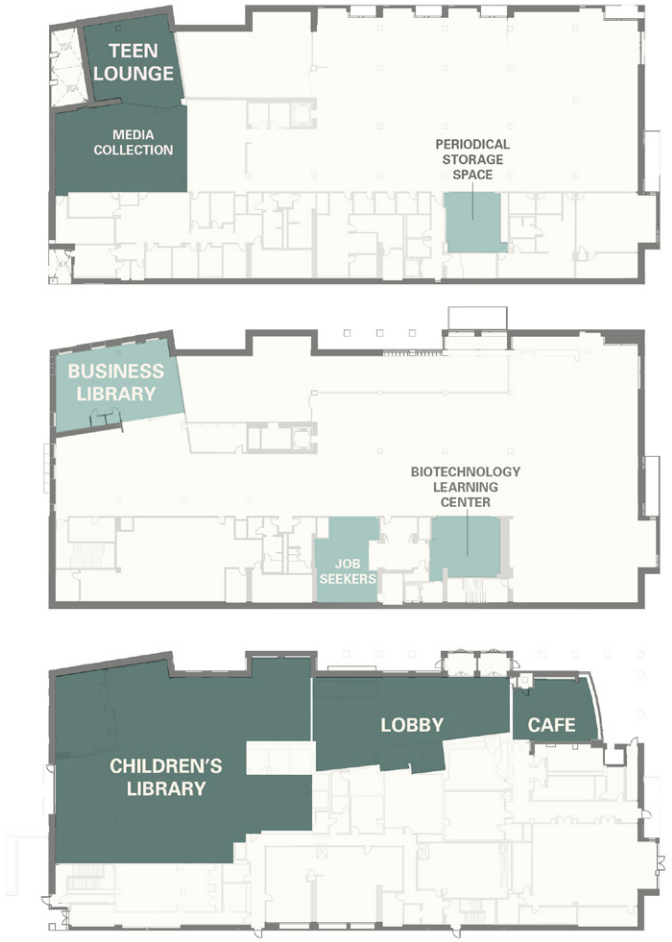
Project areas were categorized by priority and based on the level of usage by the community as well as areas that will optimally enhance the customer experience through modification. The Children's Library and Branches were the initial areas that had prompted the space modification project and these were designated as the highest priority projects.

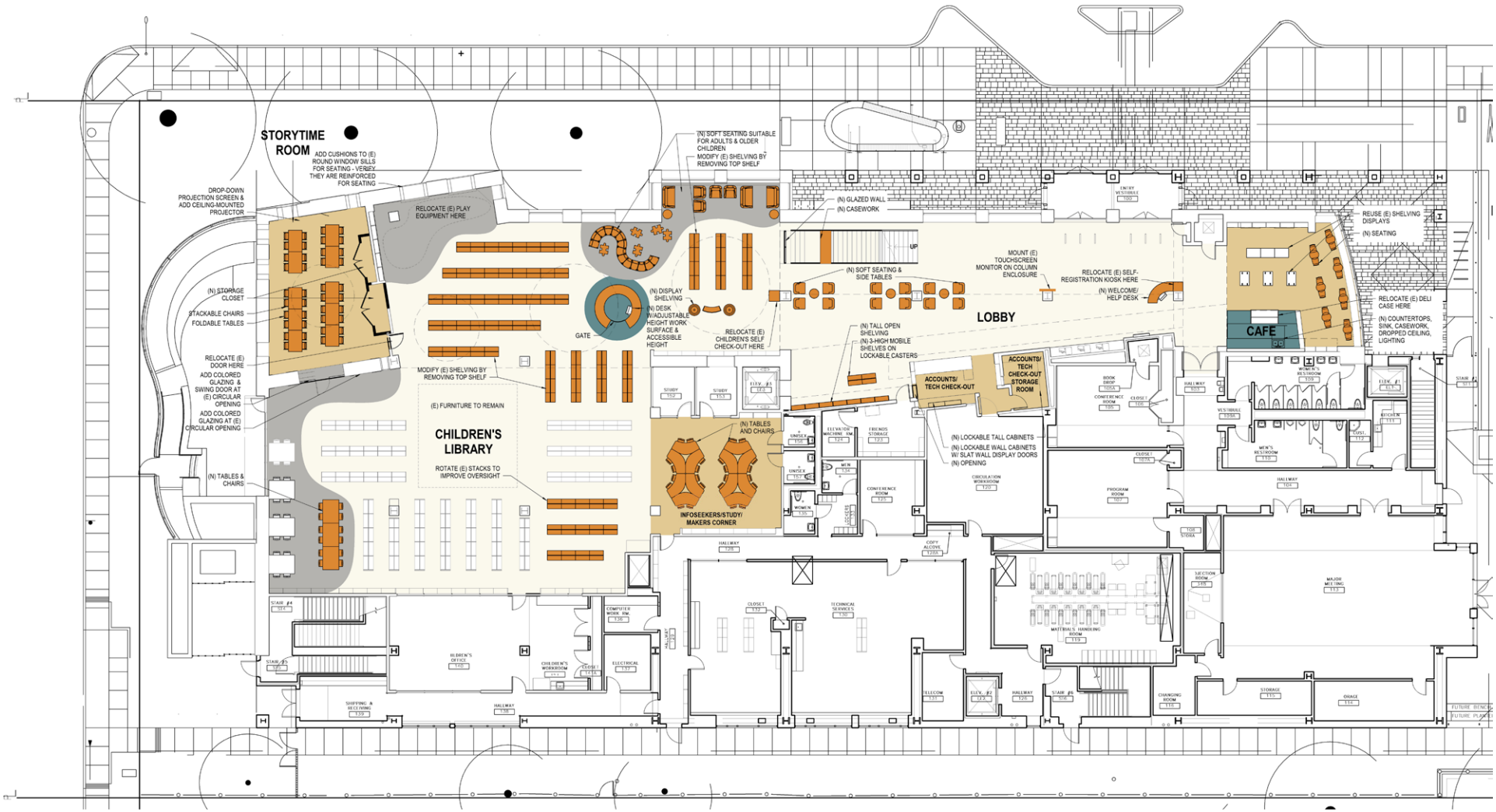
The following is a list of high priority projects:

Children's Library
Single desk service model at the Hillsdale Branch (will combine the Circulation and Reference desks into one)
Single desk service model at the Marina Branch (will combine the Circulation and Reference desks into one)
Lobby
Cafe
Teen's Lounge

Other projects of lesser priority:

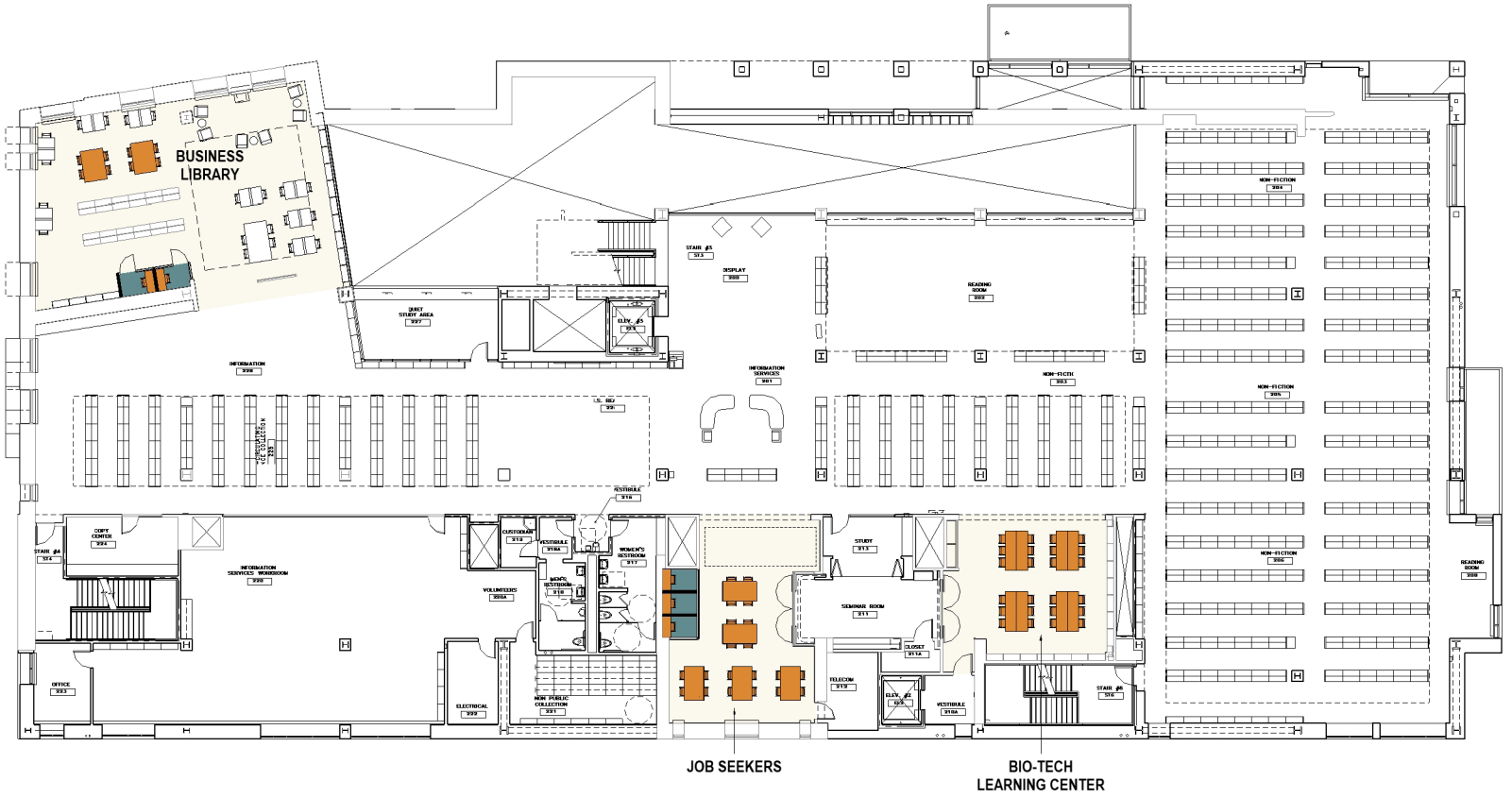
Business Library
JobSeekers area
Biotechnology Learning Center
Periodical Storage Space





Floor Plan - Ground Level

Scale 1/32″ = 1′-0″

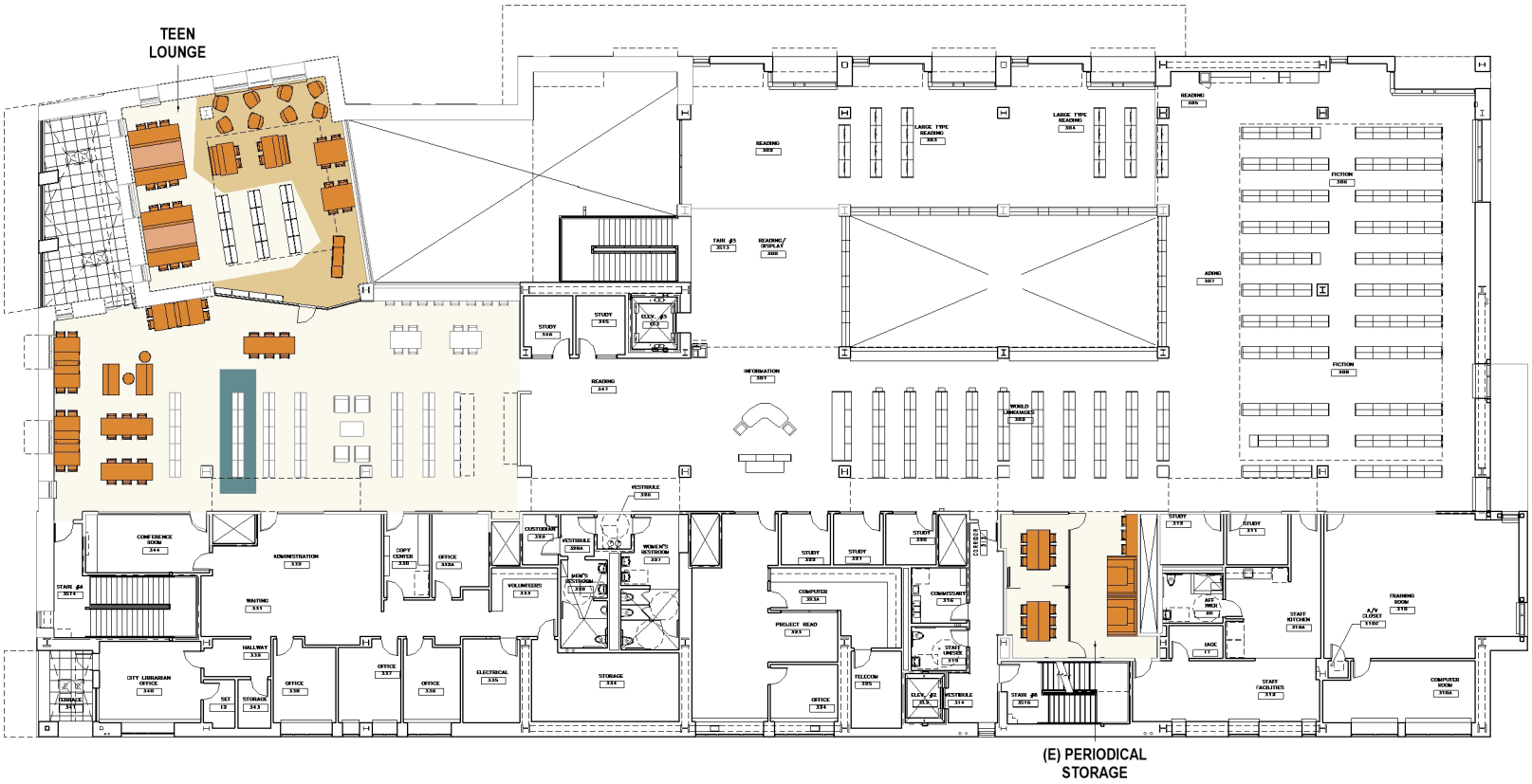


COLORS DENOTE AREAS OF NEW WORK

NEW OR MODIFIED FURNITURE AS NOTED

Floor Plan - Second Level

Scale 1/32″ = 1′-0″



COLORS DENOTE AREAS OF NEW WORK

NEW OR MODIFIED FURNITURE AS NOTED

Floor Plan - Third Level

Scale 1/32" = 1'-0"

LOBBY

at Ground Level

Many library users are technologically savvy and self-directed. They reserve books online, pick-up materials at the holding area, and use the self-checkout stations involving minimal interaction with staff during their visit. This "self-service" model is supported by readily accessible staff who are available "on the floor." These two library trends inspired lobby updates that are catered toward a more independent user while simultaneously improving staff visibility and proximity to users. No anticipated changes in occupant density or occupancy type.

KEY FEATURES:

- Move the welcome/help desk visible directly upon entry
- Add self-registration kiosk
- Add interactive touch-screen wayfinding/library services
- Add soft seating
- Add glazing wall for acoustical separation at "Innovation Nook" under stairs (area for showcasing emerging technologies)
- Improved visibility and added storage for Tech Check-Out/Accounts area
- Improved holds shelving to better accommodate self-service model

SYSTEMS CHANGES:

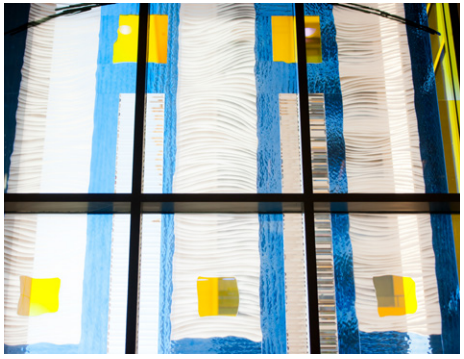
Mechanical:
The new 3D printer will not generate fumes or need exhausting. However, exhaust routing from the area under the stairs to the outdoors is difficult and a local exhaust system may need to be considered for future equipment at the Innovation Nook.

Power/Data:
The lobby incorporates inaccessible terrazzo floor. Electrical outlets at columns near the proposed welcome and self-registration desks exist but other floor mounted electrical, data, telecom, etc. outlets would need to be removed/filled aesthetically and new floor outlets would need to be installed at new kiosk and desk locations. Assume two new multi-use floor outlets and a single new telecom outlet. Specific IT/Data, AV technology changes since original design might require change to outlet types.

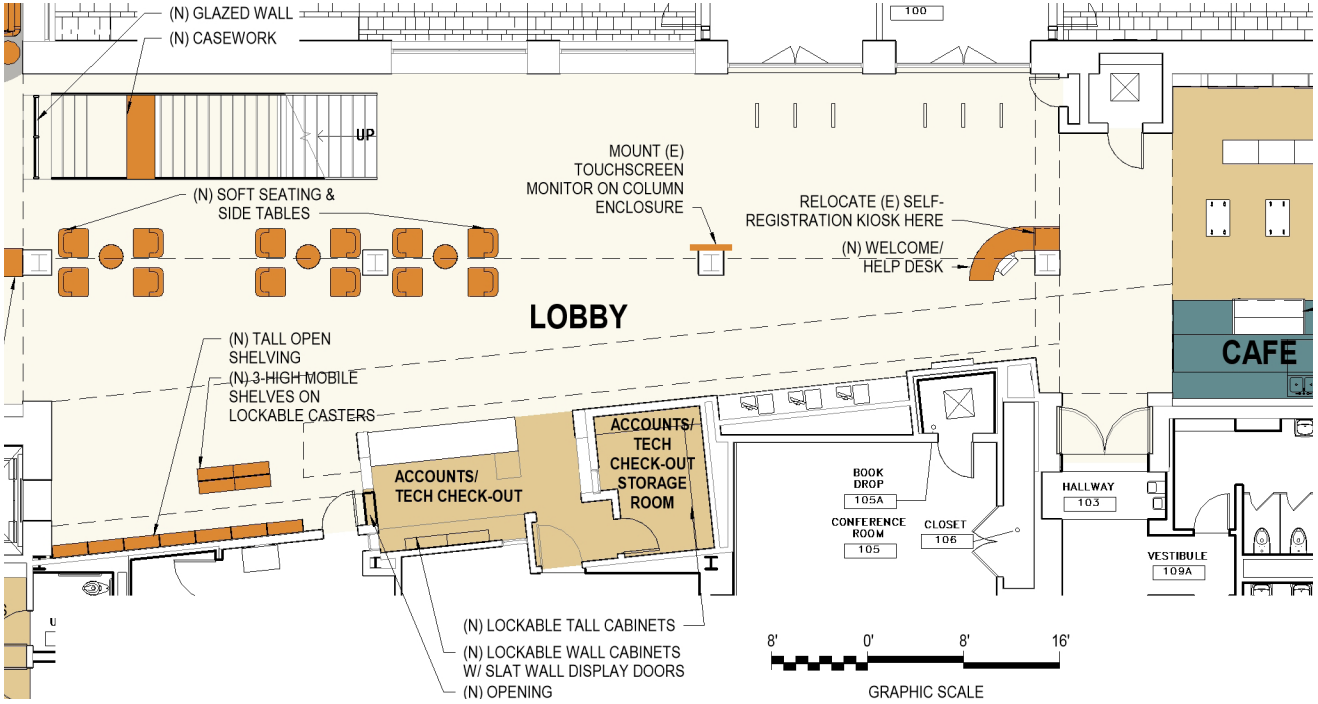
Components of systems serving existing green screen, flat panel displays, etc. to be removed.

Lighting:
Assume ceiling lighting will need to be modified where the 3D printer will be positioned adjacent to the green screen. Make corresponding adjustments to lighting control system.

Plumbing, Fire Protection, Fire Alarm:
Assume no changes required.



Photography by Brandon Warren



Enlarged Plan - Ground Floor Lobby
Scale 1/16" = 1'-0"

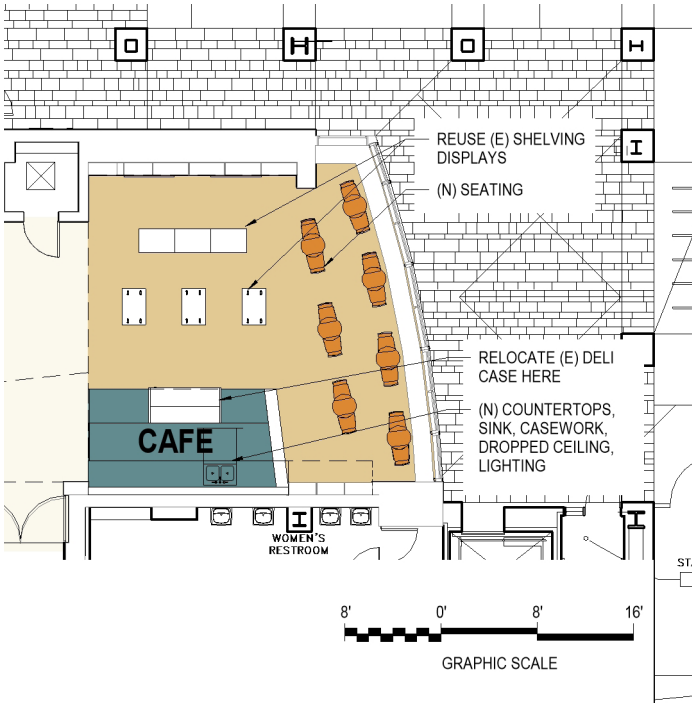
Perspective View - Lobby from Entry Doors

CAFE
at Ground Level

Proposed is the relocation of the popular third-floor cafe to the present Friends' Book Shop on the Ground Level, with direct adjacency to the lobby. The cafe will maintain the same food and beverage menu, which consists mainly of coffee, bottled beverages, and dry snack goods. Cafe-style tables and chairs will be added. Maintaining shelving and display space is a priority. No anticipated changes in occupant density or occupancy type.

KEY FEATURES:

- New counters and merchandise display
- Solid surface flooring at cafe prep area
- New ceiling canopy and lighting
- Added tables and seating
- Added sink and undercounter grease trap
- Vendors' equipment will be relocated
- from current location
- Display shelving to be maintained at
- North wall and on the floor



Enlarged Plan - Ground Level Cafe
Scale 1/16" = 1'-0"

Perspective View - Lobby Toward Cafe

CAFE
at Ground Level

SYSTEMS CHANGES:

Mechanical:
Relocate lay-in ceiling return grilles to respond to ceiling modifications near new café location. Otherwise, no changes to perimeter linear floor supply air diffusers or air quantity serving the space.

Optional: If the City objects to café odors being recirculated through the building by the main Air Handling Unit (AHU), duct air from above the café area and exhaust it outside of the building (or in the garage). Existing scenario of café on 3rd floor does not include local exhaust.

Power/Data:
Café add would require modifications to electrical outlets, particularly along wall separating this space from the women's restroom (109). Assume two GFCI outlets to be added within Café. Assume two double-duplex floor outlets moved to accommodate new seating layout.

Assume café area interiors modifications require data drop and modification to existing fire alarm system (smoke detectors and strobes).

Specific IT/Data, AV technology changes since original design, might require change to outlet types.

Lighting:
Removal of lights within existing wood slatted ceiling to allow ceiling removal. Replace with new fixtures. Assume some ceiling lighting will be modified to account for café area modifications.

Plumbing:
Anticipate a café sink that requires domestic cold water (DCW), hot water (DHW), and waste and vent systems. May also require portable grease interceptor under sink and floor sink. Most of these services to tie into nearby systems serving the restrooms. Floor sink drain to route through garage below.

Fire Protection:
Café area interiors modifications will require modification to existing sprinkler system.

Fire Alarm:
Café area interiors modifications will require modification to existing fire alarm system (smoke detectors and strobes).

CHILDREN'S LIBRARY

at Ground Level

The goals of the renovation of the popular Cchildren's Llibrary are improving visual oversight, acousitics, and the flexibility to accommodate groups.

KEY FEATURES:

- Add soft seating at windows for adults and children
- Relocate information desk for improved supervision
- Reduced stack height by one shelf for improved visibility
- Relocate existing play equipment to window corner
- Eliminate risers at Storytime Room to improve flexible use of space
- Add glazing and single door to existing round cut-outs in Storytime Room wall to improve acoustical separation
- Add storage and flexible furniture to Storytime Room
- Add study tables
- Remove desktop computers, built-in tables, and shelving from Southeast corner
- Add tables and chairs to Southeast corner to create Maker/Study Space

SYSTEMS CHANGES:

Mechanical:
Slight increase in occupant density at new maker/study space. Assume four new circular floor diffusers necessary.

Replace storytime risers with typical raised floor. Reuse five existing linear floor diffusers from risers in new raised floor. Four of these will need to be detached from underfloor terminal units (UFTs), dropped to the new floor level, and reattached to UFTs' new duct branches. Add five new floor diffusers to account for increased occupant density (based on chair count).

Assume ten floor diffusers moved to avoid relocated stacks, tables, furniture and to shift more air to area around new desks.

Power/Data:
Assume three data/electric floor outlets added to accommodate three new study tables. Currently four duplex outlets on children's nook walls and four data/electrical floor outlets in center of room. Assume children's nook floor data/electrical outlets move to more uniform distribution to accommodate maker space table configuration.

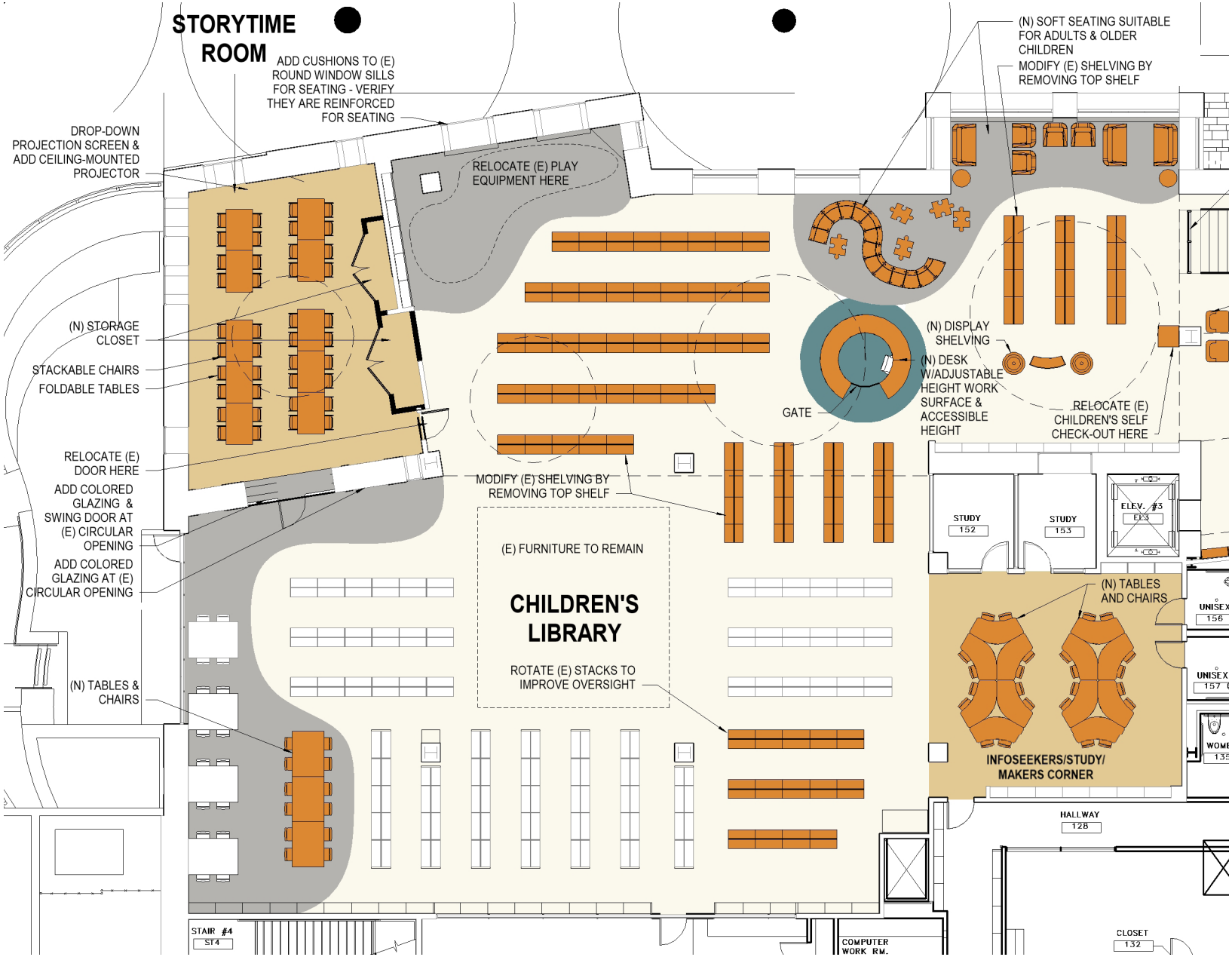
Assume four storytime wall outlets need to be lowered in response to elimination of risers.

Assume seven data/power floor outlets moved to accommodate revised floorplan near help desk and soft seating.

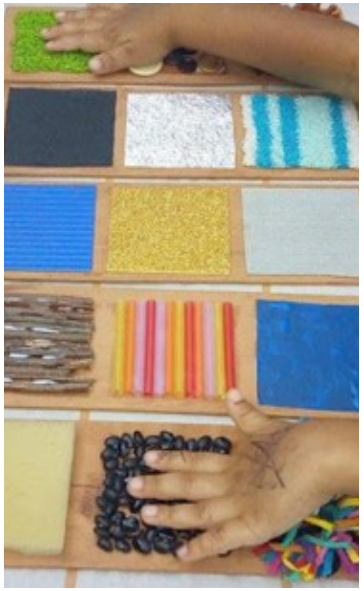
Lighting:
Added storytime storage room will require a single light fixture to be moved. Assume no ceiling lighting modifications at help desk relocation, stack reorientation and study tables. Assume no ceiling modifications for 3D printer area replacing green screen. Make corresponding adjustments to lighting control system.

Fire Protection:
Assume a single sprinkler head adjustment for addition of storage room within Storytime area.

Fire Alarm:
Assume no changes required.



Enlarged Plan - Ground Level Children's Library
Scale 1/16" = 1'-0"



Children's Library precedent images

Perspective View - Entering Children's Library

KEY FEATURES:

- Added soft seating at windows for adults and children
- Relocated information desk for improved supervision
- Reduced stack height by one shelf for improved visibility
- Relocated existing play equipment to window corner

Perspective View - Children's Storytime

KEY FEATURES:

- Eliminated risers at Storytime Room to increase flexibility
- Added glazing and single door to existing round cut-outs in Storytime Room wall
- Added storage and flexible furniture to Storytime Room
- Added study tables

TEEN LOUNGE

at Third Level

The goals for this update are to create spatial definition and a stronger sense of identity for the Teen Lounge. An added glazing partition enclosing the opening to the Teen Lounge will achieve this while also helping to improve acoustics. With the relocation of the cafe to the ground level and consolidation of digital media, additional study tables will be provided outside the teen lounge in its place.

KEY FEATURES:

- Addition of glass walls and door to improve acoustics and definition of space
- Addition of signage element
- Standing-height desk for supervision and laptop lending
- Consolidation of teen collection and relocation of YA Media outside the Teen Lounge
- New built-in "study bar"
- New banquette study tables
- Lounge seating
- Relocation of Cafe to Ground Level
- Relocation of slide machines and storage to Second Level
- Consolidation of media (over next decade) -- shift media to allow for more study tables
- Add banquettes, study tables, and soft seating

SYSTEMS CHANGES:

Mechanical:
Increase of occupant density in Teen Lounge requires redistribution and addition of round floor diffusers. Add five new floor diffusers. Add two acoustical return air boots in ceiling at new full height partition. Add ten round floor diffusers to adult banquette table area.

Power/Data:
Move/remove power outlet otherwise interfering with new full height partition. Remove floor-mounted cable TV and LCD panel data outlets. Remove nine multi-use data/power floor outlets. Reuse one at new desk near southeast corner of space. Remove two southernmost (of 4) wall mounted data outlets currently located under east bar. Replace teen banquette floor power with furniture integrated outlets. Add wall power/data for new SmartScreen on new wall of Teen Lounge.

Add five new power/data floor outlets near adult banquette tables.

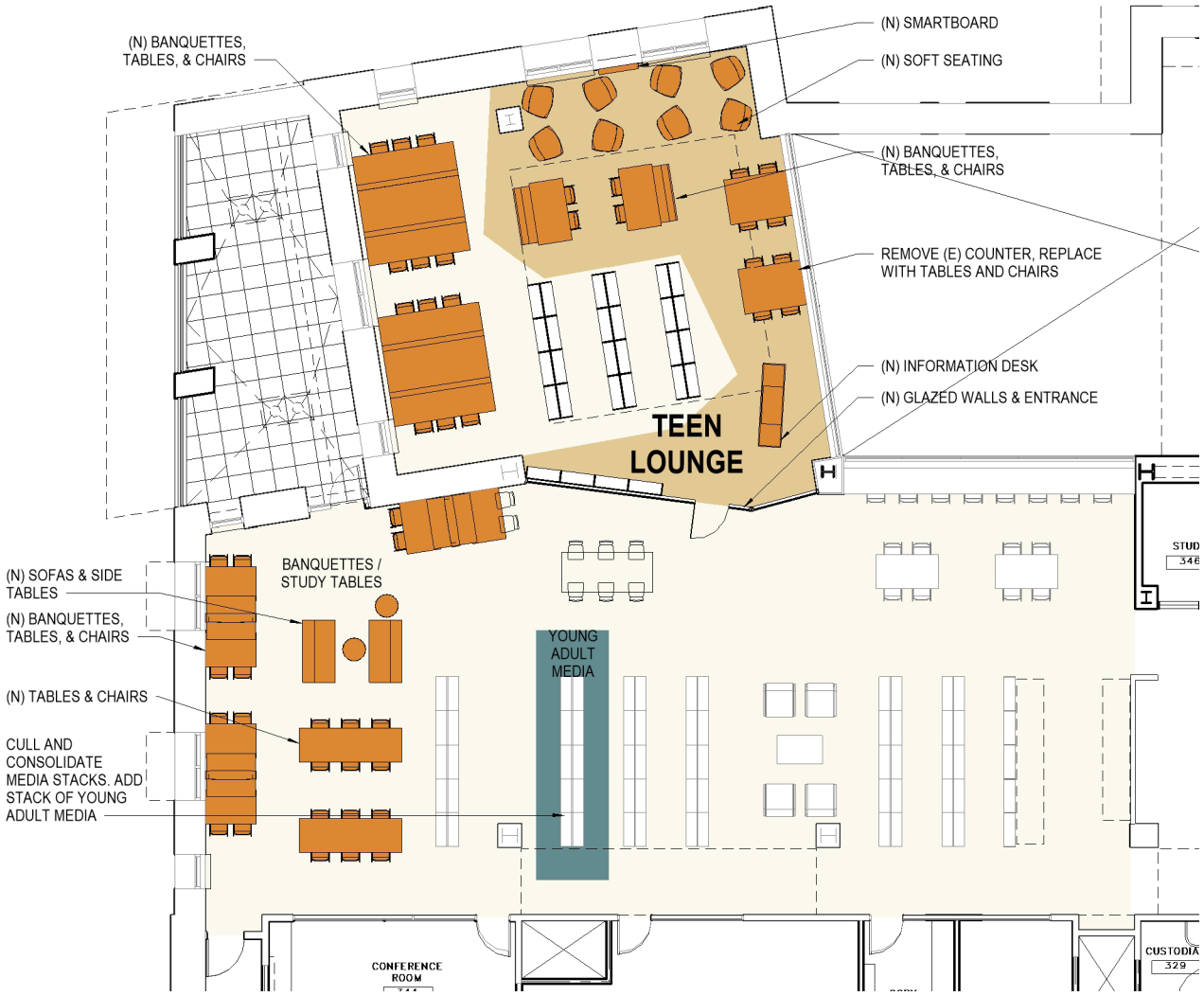
Lighting:
Assume some lights need to be moved and/or replaced on either side of the new full height partition.

Plumbing:
Remove plumbing serving existing café. Remove existing floor sink, trap primer. Cap primer line. Abandon cold water riser in place. Close associated CW valve at Level B1 and cut/cap pipe just downstream.

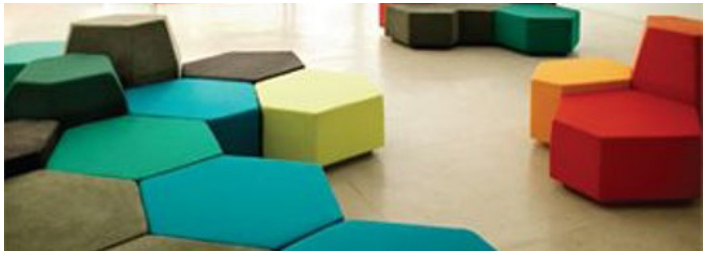
Fire Protection, Fire Alarm:
No changes, assuming no ceiling changes.

TEEN LOUNGE

at Third Level



Enlarged Plan - Third Level Teen Lounge
Scale 1/16" = 1'-0"



Teen Lounge precedent images

Perspective View - New Entry to Teen Library

KEY FEATURES:

- Addition of glass walls and door to improve acoustics and definition of space
- Addition of signage element to establish stronger identity
- Standing-height desk for supervision and laptop lending
- New banquette study tables and lounge seating

Perspective View - Outside Teen Lounge

KEY FEATURES:

- Consolidation of teen collection and relocation of YA Media outside the Teen Lounge
- Relocation of Cafe to Ground Level
- Relocation of slide machines and storage to Second Level
- Consolidation of media (over next decade) -- shift media to allow for greater study area
- Add banquettes, study tables, and soft seating

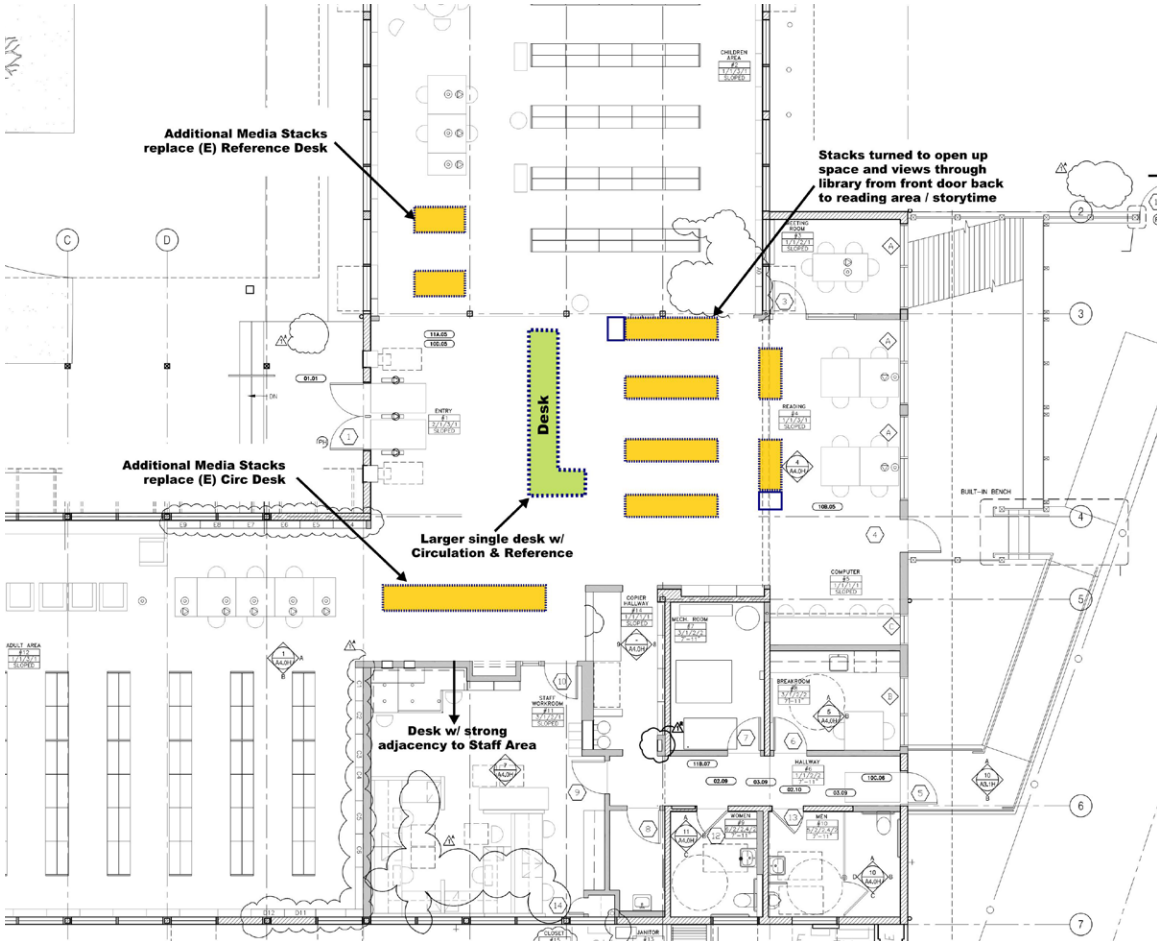
LOBBY UPDATE

at Hillsdale Branch Library

Responding to library trends combining the circulation and reference desks allows for the relocations of media stacks replacing the two separate existing desks, creating a more intuitive experience for library patrons. Stacks were re-oriented allowing for better visibility to the back of the library.

KEY FEATURES:

- New larger single desk with Circulation and Reference
- Add stacks for additional media
- Re-orient existing stacks to improve visibility and circulation



Enlarged Plan - Ground Level

Perspective View - New Reference / Circulation Desk

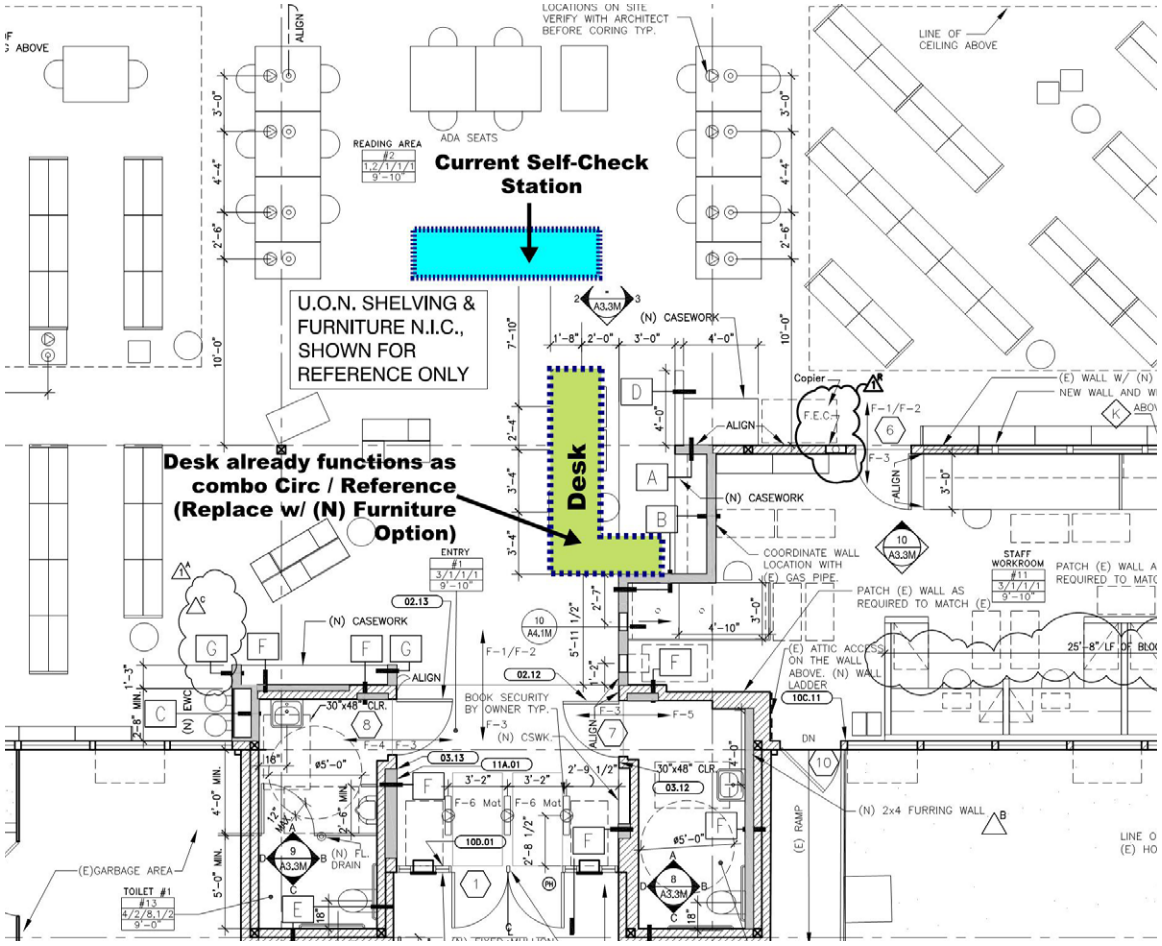
LOBBY UPDATE

at Marina Branch Library

This project entails replacing the existing aging desk with a new furniture option that continues to function as a combined circulation and reference station.

KEY FEATURES:

- Replace Circulation/Reference desk



Enlarged Plan - Ground Level

Perspective View - New Reference / Circulation Desk

BUSINESS LIBRARY

at Second Level

Proposed are small changes to the popular Business Library to better accommodate the needs of its users. The main addition of two new phone rooms with glazing will provide places to take calls without interrupting fellow patrons.

KEY FEATURES:

- Consolidation of business collection to two shelving stacks
- Add two new study tables
- Add two phone/individual study rooms with glazing for acoustical isolation and visual transparency

SYSTEMS CHANGES:

Mechanical:

Increase of occupant density requires addition of floor diffusers. Add seven round floor diffusers, near new tables. Add sixteen round floor diffusers in reclaimed stack space near new CPUs/tables.

Add phone booth ventilation system. Small diameter duct within raised floor to supply small floor diffuser in each booth. In-booth acoustical transfer ducts to relieve booth pressure.

Power/Data:

Add power for new underfloor mechanical fan. Add wall-mounted power/data to both new booths (floor or furniture-mounted). Add power/data for two new study tables (floor mounted).

Lighting:

Assume lights above new tables and booths need to be moved and/or replaced to align with new layout. One light in each booth. Add occupancy sensors to each booth. Any single room in occupancy to activate new fan. Shut off fan when both rooms unoccupied.

Adjust location of existing, ceiling-mounted exit sign.

Plumbing:

No changes.

Fire Protection:

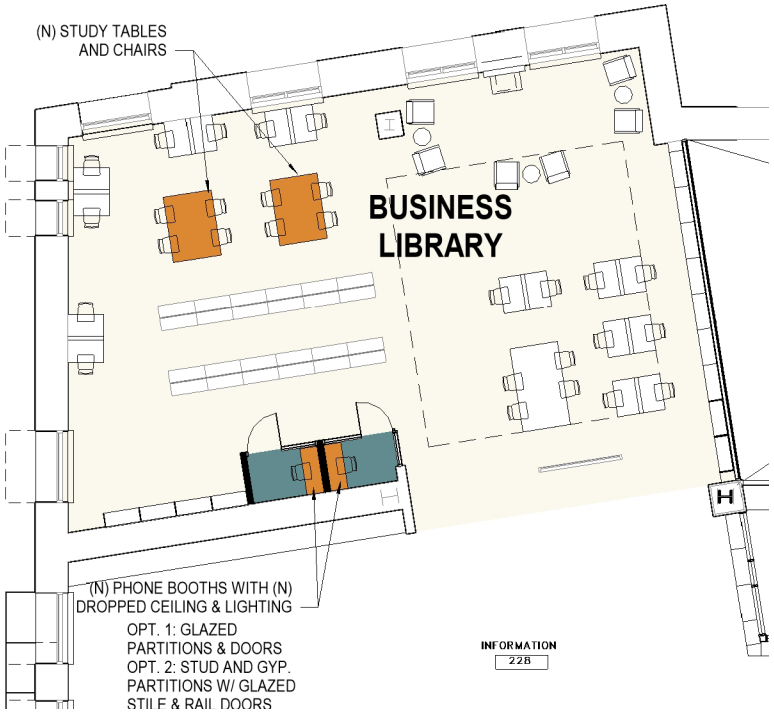
Assume addition of two sprinkler heads and relocation of two others.

Fire Alarm:

No changes, assuming no ceiling changes.

BUSINESS LIBRARY

at Second Level



Enlarged Plan - Business Library at Second Level
Scale 1/16" = 1'-0"

Perspective View - Inside Business Library

Perspective View - Looking into Business Library

JOB SEEKERS
at Second Level

Much of the JobSeekers space will remain as-is, since it continues to be a popular area among adults. The request from patrons for more individual study/phone booths is met with the addition of three new phone booths. Some of the existing desktop stations will remain, while new tables will be added that are more conducive for patrons with laptops.

KEY FEATURES:

- Add three phone/individual study rooms with glazing for acoustical isolation and visual transparency
- New tables on casters and chairs
- Add two white boards

SYSTEMS CHANGES:

Mechanical:
Add underfloor fan, acoustic transfer ducts and occupancy fan controls for supplying air to three phone booths. Similar to Business Library phone booth approach. No change in occupant density to Jobseekers, so no addition of floor diffusers except for phone booths.

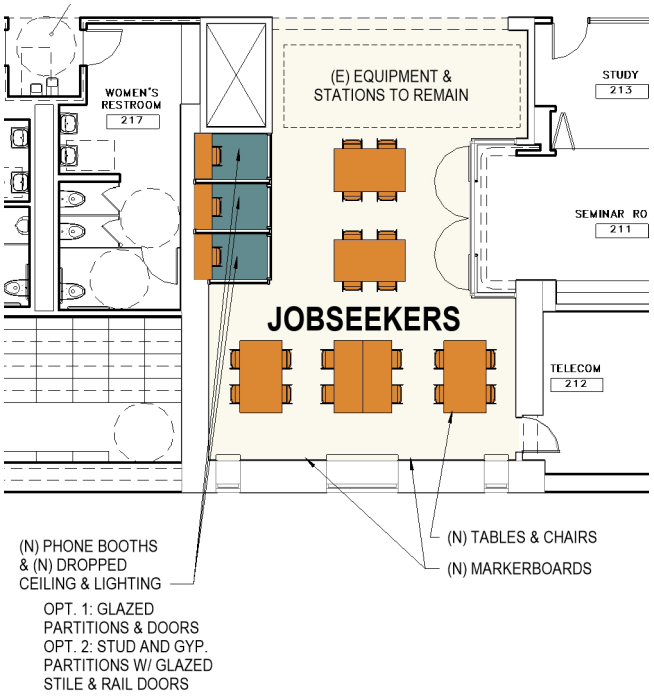
Power/Data:
Add power for new underfloor mechanical fan. Add wall power/data to the three new booths. Move total of nine existing floor power/data power/data outlets to accommodate new room layouts.

Lighting:
Assume lights near new booths need to be moved and/or replaced to align with new layout—one light in each booth. Add occupancy sensors to each booth. Any single room in occupancy to activate new fan. Shut off fan when both rooms unoccupied.

Plumbing:
No changes.

Fire Protection:
Assume addition of three sprinkler heads for booth and relocation of three others.

Fire Alarm:
No changes, assuming no ceiling changes.



Enlarged Plan - JobSeekers at Third Level
Scale 1/16" = 1'-0"

Perspective View - JobSeekers Space from Hallway

BIOTECHNOLOGY LEARNING CENTER

at Second Level

Updates to the Biotechnology Learning Center include the addition of new tables and chairs for increased flexibility.

KEY FEATURES:

- New tables on casters and chairs

SYSTEM CHANGES:

Mechanical:

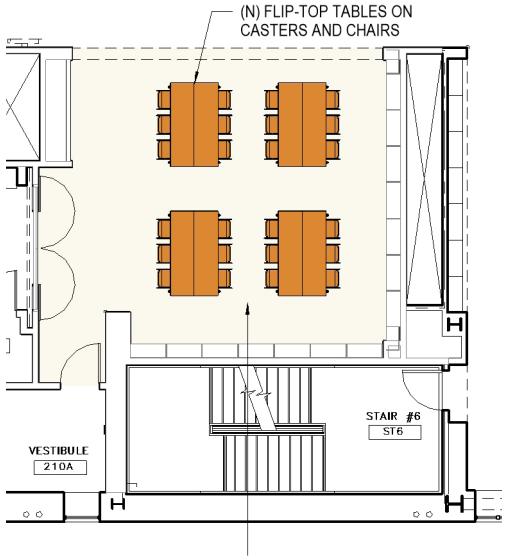
No change in occupant density to the Biotechnology Learning Center, so no addition of floor diffusers except for phone booths.

Power/Data:

Move total of eight existing floor power/ data power/data outlets to accommodate new room layouts.

Lighting, Plumbing, Fire Protection & Alarm:

No changes, assuming no ceiling changes.



BIOTECHNOLOGY LEARNING CENTER

Enlarged Plan - Biotechnology Learning Center at Second Level
Scale 1/16" = 1'-0"

Perspective View - Biotechnology Learning Center from Hallway

PERIODICAL STORAGE

at Third Level

The periodical storage space at the third level is currently underutilized. Additional meeting areas is a popular request from user feedback. Proposed are two small meeting rooms, which could be combined to create a large meeting room with the introduction of an operable partition. Booths and counter seating are additional meeting areas for groups and individuals.

KEY FEATURES:

- Remove periodical high density shelving units
- New glass walls create two meeting rooms and maintain clear visibility
- Translucent folding panel wall between meeting rooms allows the option for one large meeting room
- Bar-height work counter and stools
- Add two booths for group study

SYSTEMS CHANGES:

Mechanical:
There are currently eleven circular floor diffusers in this area. For each meeting room, add single UFT without heating coil. Locate UFTs to north of entire bay, under walkway just south of adjacent stacks. Inlets to UFTs ducted bell-mouths with bird screen. Lined, underfloor, supply duct to each meeting room. Terminate with lined tees, bell-mouths, and screens.

Move all eleven circular diffusers into meeting areas and add one so there are six circular floor diffusers in each meeting room. T-stat for each UFT. Each UFT activated by lighting system occupancy sensor.

Add eight new round floor diffusers to open area/work surface.

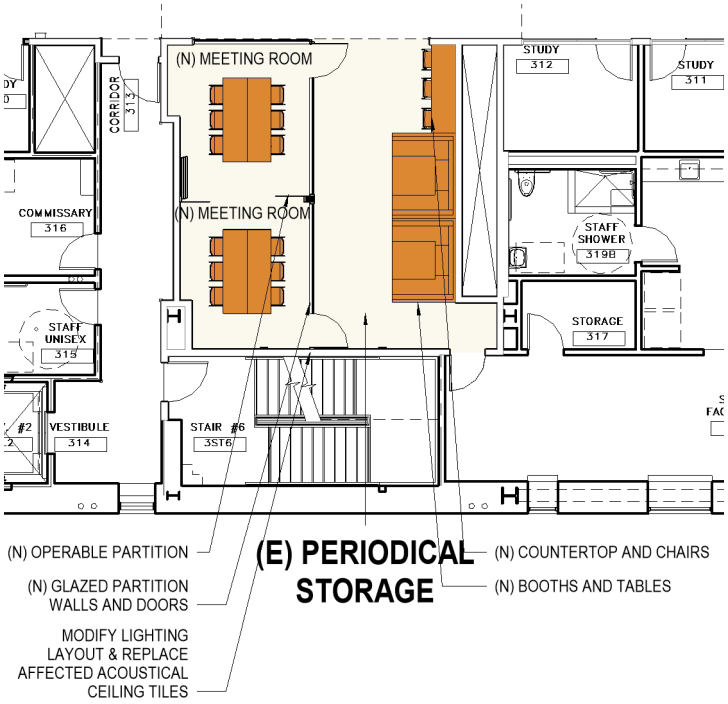
Power/Data:
Add power for new UFTs. Add two floor power/data outlets under tables in each meeting room. Add single wall power/data outlet under new high work surface. Add two furniture-integrated power/data outlets at new open booths (1 each).

Lighting:
Assume the following: Replace existing lighting with new, T24-compliant lighting and controls (tied into existing LCS). Linear pendant indirect/direct in enclosed meeting rooms. Recessed can lights at booths and study counter. Tie meeting room occupancy sensors to mechanical (UFT) control.

Plumbing:
No changes.

Fire Protection:
Assume revision of sprinkler system in this area to align with new layout.

Fire Alarm:
Assume revision of fire alarm system (detectors) in this area to align with new layout.



Enlarged Plan - Periodical Storage at Third Level

Scale 1/16" = 1'-0"

Perspective View - Periodical Storage Space from Hallway

Cost Summary

Cost estimate based on current construction costs for 2018. Cost escalation may occur for projects initiated further in the future. Refer to full cost estimate in Appendix for itemization and cost escalation.

Children's Library (5,800 SF; 1st floor, Main library)	$328,000
Branch Libraries (single desk service model at Hillsdale and Marina Libraries)	$100,000
Teen Lounge (4,600 sq. ft.; 3rd floor, Main Library)	$495,000
Main Lobby (2,500 sq. ft.; 1st floor, Main Library)	$318,000
Friends Book Shop & Cafe (550 sq. ft.; 1st floor, Main Library)	$622,000
Business Library (1,580 sq. ft., 2nd floor, Main Library)	$241,000
Biotechnology Learning Center (670 sq. ft.; 2nd floor, Main Library)	$41,000
Job Seekers (740 sq. ft.; 2nd floor, Main Library)	$241,000
Conversion of Periodical Storage Space (650 sq. ft.; 3rd floor, Main Library)	$507,000
Estimated Total Cost (incl. permit, design, management, contingency fees)	$2,893,000