

DRAFT

## City of Austin

New Central Library | Austin, TX

CIP ID# 7235.001



LAKE | FLATO | Shepley Bulfinch

A Joint Venture



## A New Central Library

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## A New Central Library

## Programming Participants

### People of the City of Austin

Through participation in public meetings, internet comment and comment card opportunities

#### Austin City Council

Mayor Lee Leffingwell  
Mayor Pro-Tem Mike Martinez  
Chris Riley  
Randi Shade  
Laura Morrison  
Bill Spelman  
Sheryl Cole

#### Austin City Manager

Marc A. Ott

#### Austin Assistant City Managers

Rudy Garza  
Robert Goode  
Sue Edwards  
\* Bert Lumbreras  
Michael McDonald  
Anthony Snipes, Chief of Staff

#### Austin Department of Public Works

\* Howard Lazarus, Director of Public Works Department  
\* Cynthia Jordan, Project Manager

#### City of Austin Staff

\* Greg Canally, Deputy CFO  
\* Mike Trimble, Capital Planning Officer  
\* Fred Evins, Redevelopment Project Manager with EGRSO  
\* Lucia Athens, Chief Sustainability Officer  
\* Shelley Kilday, 2006 Bond Coordinator

#### Austin Public Library

\* Brenda Branch, Director of Libraries  
\* John Gillum, Facilities Planning Manager  
\* Heidi Ruiz, Library Building Improvements Coordinator

#### Library Commission

Carol Martin, Chair  
Wendy Price Todd, Vice Chair  
Carolyn Goldston  
Mary "Gretchen" Hoffmann  
David Kobierowski  
Gloria Meraz  
Benito Ornelas

#### Consultants

Shepley Bulfinch Richardson & Abbott  
Lake/Flato Architects, Inc.

\* Indicates members of the Library Executive Committee



November 29, 2010

It is my great pleasure to present to you the Building Program for Austin's New Central Library. For over twenty years, Austin has needed to replace its outmoded John Henry Faulk Central Library due to its overcrowded conditions, aging mechanical and electrical systems, and the expense of renovating such an inflexible building to accommodate new library service requirements, emergent technologies and collection growth. In 1999, the Austin Libraries for the Future task force, a blue ribbon citizens committee, was formed by then Mayor Kirk Watson to research the long-term development needs of a new central library for Austin. After conscientiously considering data from surveys and focus groups in order to establish the community's preferences and needs, the Austin Libraries for the Future task force developed and eloquently expressed an inspiring vision for a great, new central library for our great city. That vision, developed by a wide cross section of community stake holders, proved fundamental for the inclusion of the New Central Library Project as a proposition on the 2006 G.O. Bond Election ballot, and to that proposition being successfully passed with a healthy plurality of positive votes.

The New Central Library Building Program you now hold in your hands was developed over the course of last year by Austin Public Library staff members, our Project Manager from the Department of Public Works, and the design team of Lake/Flato Architects with Shepley Bulfinch Richardson & Abbott through a process of assessment and analysis of service objectives, current and future library service needs, expectations for future collection growth, consideration of community opinion, and use of best practices for library service and library facility standards. This program represents a firm commitment from City of Austin staff and the design team to a planning solution which is responsive to community needs. Prior to starting work on the building program, the Library Department and its consultants held a series of well attended, public design input meetings throughout the months of October and November of 2009 to determine the wants and desires of our citizens regarding their new Central Library. From December 2009 through October 2010, City of Austin staff in liaison with the design team conducted the building programming process which considered both directions in technology and trends in Library buildings throughout the world.

To insure that the building being programmed would meet the central library needs of Austin for years to come, the City of Austin engaged the services of Joan Frye Williams, an internationally acclaimed Library Futurist. Her counsel regarding future scenarios likely to be faced by public libraries led us to rethink our assumptions about space usage in the new facility being planned and ultimately to our adoption of the "Library for the Future" model as our service delivery model. Flexibility is the cornerstone of the "Library for the Future" service delivery model, and the Building Program we have devised calls for flexible, blended, multi-use spaces which can be readily modified to serve other purposes as the Library's mission continues to evolve in the fast changing world of today and tomorrow. Devoted to providing gathering spaces of all sizes, state of the art technologies and collections displayed to encourage serendipitous discovery, the exciting New Central Library for the Future detailed in the attached Building Program will be as "future proof" as a structure can be made. It can be adapted easily to accommodate the anticipated shift from desktop hardware to hand-held devices for electronic delivery of information and will facilitate new service models incorporating multi-function service points and the elimination of barriers to outstanding customer service.

The New Central Library Building Program serves a number of purposes. First, it outlines requirements for a New Central Library building for the City of Austin. These requirements were developed to reflect the efforts of the Austin Public Library to thoroughly understand the library needs of the community as well as plan for the future library services that should be provided. Second, the Building Program serves as a pre-design document that includes general building criteria and a description of the functions, programs and physical space estimates for the planned new library building. Finally, it serves as a guide for the architects and engineers as they begin working towards a design solution. The intent of the Building Program is to:

- Provide the Austin Public Library and the community it serves with a detailed description of the facility required to accommodate the services and collection needs;
- Provide the architectural and engineering design teams with an understanding of the features and facilities required in the planned New Central Library and of the functional criteria that must be satisfied during the design process;
- Provide the Austin Public Library staff with a document to measure and evaluate design schemes and to develop service and organizational policies for the new facility.

I now invite you to peruse the Architectural Building Program Narrative for the Austin New Central Library and provide comments to the Austin Public Library. With all our hearts, we believe that Austin will be well pleased and well served by the central library facility described in the pages that follow.

A handwritten signature in black ink that reads "Brenda Branch". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Brenda Branch  
Director of Libraries  
Austin Public Library  
City of Austin



## Executive Summary

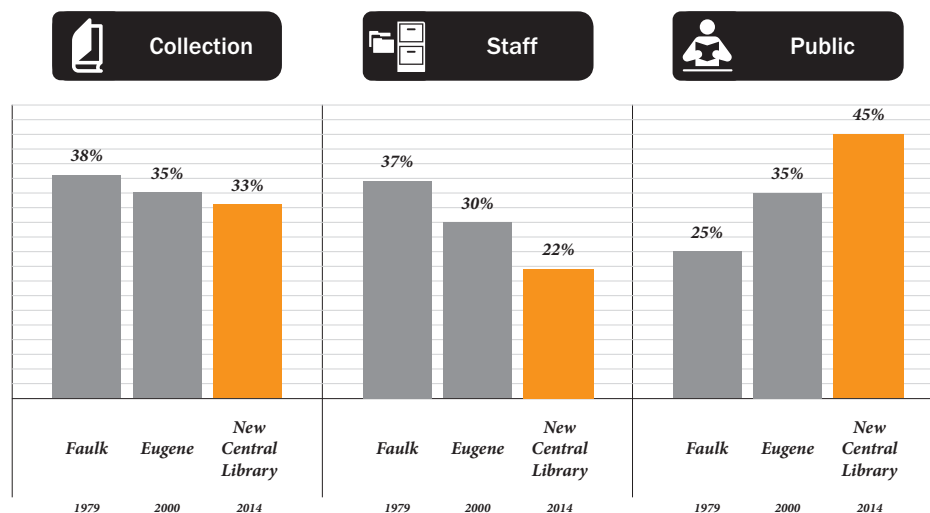
Austin's New Central Library holds a special place in the Community. It is a destination in the City for its citizens and visitors from around the state, the country and the world. It must speak of and to the City that it supports, and it must inspire those who enter within. It is built for a future that has many unknowns: civic needs, ever evolving technology, educational trends and environmental demands.

Realistically, the enormous and ever changing impact of technology on the services and even the content of the library in the future mean that we cannot expect to know what the library will be in ten years, much less, thirty! The challenge then is to suspend disbelief; to do our best to address current deficiencies while assuring that no assumption, no space, no system results in an inflexible environment that inhibits change with the future. It is essential, then, as we imagine the architecture that will support the library's 2010 program, outlined in this document, we must maintain an attitude of a loose fitting design supporting but not dependent on the current program. We must imagine this architecture as a "mitten rather than a glove".

A library space program consists of three general categories; collections, staff services, and public space. In the thirty five years since the Faulk library opened, as a percentage of total program space, collections have grown but, as a percentage of total space, have remained relatively constant. Staff services, enabled by technology, require less space than in the past. The patron service role of the library staff has also changed the nature of their space needs integrating them into the public space and blurring the boundaries between the two. In the public realm, the library has evolved. It is an active, collaborative as well as a contemplative environment. This has had the most significant impact on space needs. The space required to serve these needs is significant. It has had a profound impact on the overall size and space allocation for the new central library. It is also the space that requires the most adaptability. It must be able to serve multiple and often very different groups and activities.

The following chart follows this change from the 1979 Faulk Central Library, through the Eugene, Oregon public library of 2000 by Shepley Bulfinch and the program attached for Austin's New Central Library.

The program for the new central library is more than a catalogue of spaces. As Brenda noted in her introductory letter, the program document is a tool to inform the architectural design. We would caution, however, that it is not the only informer or measure of the success of the design process. The design must meet an equally significant list of requirements that do not, by their nature, have square foot requirements. These, in the final analysis, will determine whether the New Central Library is the great resource and asset that the citizens of Austin expect.





## The Essential Characteristics

### A Welcoming and Exciting Gathering Place

The library must be a social place; the heartbeat of downtown Austin. It must be accessible and inviting by car, bicycle or on foot. It must be the place you want to go for an experience. It must be able to “wow” you!



### A place to grab a cup of coffee and read a book

Today's Central Library is more than a research location. The public asked for a location to socialize and eat, and today's libraries provide for a variety of types of spaces to interact. A cafe bookstore is included in the program.



### Collections displayed to encourage discovery

Books, music, movies, and other collections must be displayed in ways that draw in both adults and children; showcased in a comfortable browsing environment.



### A place that anticipates advances in technology

The team developing the program realizes that technology will change faster than we can design around it. The design must be an armature for change.





## A New Central Library

### A place that supports youthful imagination and creativity

Our children and teens are the early adopters of every technology. They have their own culture. The library must support this fact in order to be and remain relevant.



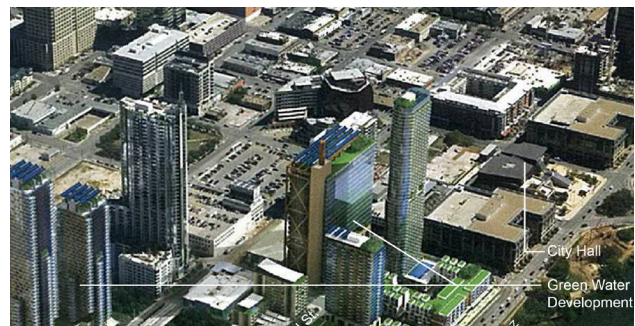
### A quiet place for reading, a place that empowers the mind

Spaces must be created for quiet reading as well as collaborative research and discussion. Places for family story time are essential. Each must be carefully considered.



### A welcoming lantern for downtown Austin

The site for the New Central Library is at the intersection of Shoal Creek and Ladybird Lake. It is a portal to downtown from the West, and offers excellent views of the Lake and city. As such the building must be a landmark, a welcoming lantern during the day or night, and point of pride for the community.





**An extension of the city fabric**

Entrances on Second Street and on the Hike and Bike trail. Patrons will be encouraged to move up and through the building in order to experience the natural and cityscape views and the program elements on the top and rooftop of the building. Within the Library, Austin's strong culture of connection to the outdoors will be felt through program elements such as reading porches, and a variety of meeting and reading spaces with excellent views.



**Sustainability: Environmental, Social and Financial. Each is critical to the success of the New Central Library**

This will be a library that patrons can be proud of, and one that will welcome all members of the community. It will conserve energy and create energy for the community. The New Central Library will explore day-lighting strategies in service to each of these sustainability goals. It will be a building that adapts to change and, thereby, is truly sustainable.



**The New Central Library will capture and reflect the culture and diversity of the City of Austin**

This is a one-of-a kind building designed for a one-of-a-kind City on a one-of-a kind site. Austin's welcoming, open house for knowledge providing access to information, giving power and potential to all Austin citizens, and being a symbol and landmark fitted to this perfect site.



We are excited to continue the journey to create Austin's New Central Library, a Library for the Future.

David Lake, FAIA  
Lake|Flato Architects, Inc.

Sidney Bowen, AIA  
Shepley Bulfinch Richardson & Abbott, Inc.



## A New Central Library

# Mission Statement & Current Austin Public Library Goals

## Mission Statement

The mission of the Austin Public Library is to provide a wide range of information and services to enrich the lives of all members of our community.

## Vision

The Austin Public Library is key to making Austin a dynamic creative center and the most livable city in the country.

## Austin Public Library Commitment

We are committed to providing easy access to books and information for all ages, through responsive professionals, engaging programs, and state-of-the-art technology in a safe and friendly environment.

## Library Goals

- Focus on the Library Customer
  - Provide premier level Library services systemwide
  - Develop a premiere level virtual library experience
- Focus on the Library Team
  - Support APL efforts to maintain comfortable, inviting, and secure environments for customers by identifying and addressing challenges and training staff to respond to a variety of situations in a respectful, assertive, and safe manner.
  - Evaluate and utilize staff and volunteers to better meet the changing needs of the library environment.
  - Evaluate and identify resources needed to help increase staff knowledge and success on the job, enhance communication, and serve internal and external customers in a respectful, responsive, and confident manner.
  - Cultivate staff interest and expertise while providing opportunities for staff to expand their skills, knowledge and abilities.
  - Provide innovative technology infrastructure
  - Provide appropriate marketing strategies to ensure community awareness and participation
- Focus on the Library Facilities
  - Provide facilities for customers and staff and volunteers that are safe, secure, comfortable, clean, inviting and in good repair.
  - Provide facilities which are sufficiently sized and appropriately structured to allow excellent library services to be offered to our customers
  - Design and construct an appropriate new central library facility for the Austin community.

## Facts

- Provide Reference and Homework Assistance
- Wired for Youth Centers
  - Allow students to learn to use the Internet for homework research and get study help in all subject areas
- Serves as the reference and collection backbone to the entire Library System
- 43 Computer Workstation on second floor
- 4 express look-up station on first floor

## Services

- Reference Assistance by phone, email, fax and in person
- Adaptive equipment for people with disabilities
- Public Internet computers and wireless access
- Youth Programming (puppet shows, storytimes, summer reading programs)
- Michael & Susan Dell Wired for Youth Center
- Interlibrary Loans
- Free meeting rooms
- New immigrants Project Center
- World Language Collection
- Ongoing book sales
- Austin Treasures – Online exhibits of historical Austin topics
- Express Check-out machines
- Computer Classes
- Connected Youth

## The Austin Public Library Friends Foundation

The mission of The Austin Public Library Friends Foundation is to support and strengthen Austin's public libraries. To accomplish this goal, the Foundation works to raise funds through individual gifts, corporate sponsorships, and foundation grants. These funds are used to provide programs, equipment, and holdings in the Austin Public Library.



## A New Central Library

## Community Input

Throughout the programming phase, public input was seen as a vital component in understanding the needs and desires of the community apart from the input of Library and other City of Austin staff members. As day to day users of the building, their experience will shape how the building is viewed and discussed for years to come. Public input was collected in two ways. The community could submit suggestions through the Public Library's website. From the start of planning, there were 169 suggestions.

Comment cards collected at 5 public meeting hosted by the Library Commission were also analyzed. The 5 public meetings were held:

- Tuesday, October 27 from 6:00 to 9:00 p.m.  
Manchaca Road Branch, 5500 Manchaca Rd.
- Wednesday, October 28 from 6:00 to 9:00 p.m.  
Ruiz Branch, 1600 Grove Blvd.
- Thursday, October 29 from 6:00 to 9:00 p.m.  
City Hall/Council Chambers, 301 W. Second St.
- Tuesday, November 10 from 6:00 to 9:00 p.m.  
Carver Branch, 1161 Angelina St.
- Thursday, November 12 from 6:00 to 9:00 p.m.  
North Village Branch, 2505 Steck Ave.

Input was collected from 55 comment cards.

The results were divided into three components: external program requests, internal program requests, and architecture/civic presence. Parking was the largest request for an external programmatic element. 19 people requested it and half among those responses said it should be free. The most requested internal element for the new Central Library was youth services at 25% of all respondents. The second was a café or snack bar at 18%.

In terms of architecture and civic presence, people referred to libraries they had visited or buildings within Austin that they liked or disliked. The most mentioned library was Seattle at 10 mentions. People liked it because it is seen as different and funky the way many people view Austin. On the other hand, some felt like the Seattle Public Library because of its funkiness would be perceived as dated in 10 years time.

Many responded very strongly to a natural building elements in terms of day-lighting and green / sustainable design. Again this desire in a new building is very in-line with the thinking of Austinites as the city moves into the future.



## Community Input via COA Library Website & Comment Cards

From the start of planning to 11/20/09

169 suggestions through COA Library Website

55 Comment Cards

### Quotes - Input on Program

#### Parking

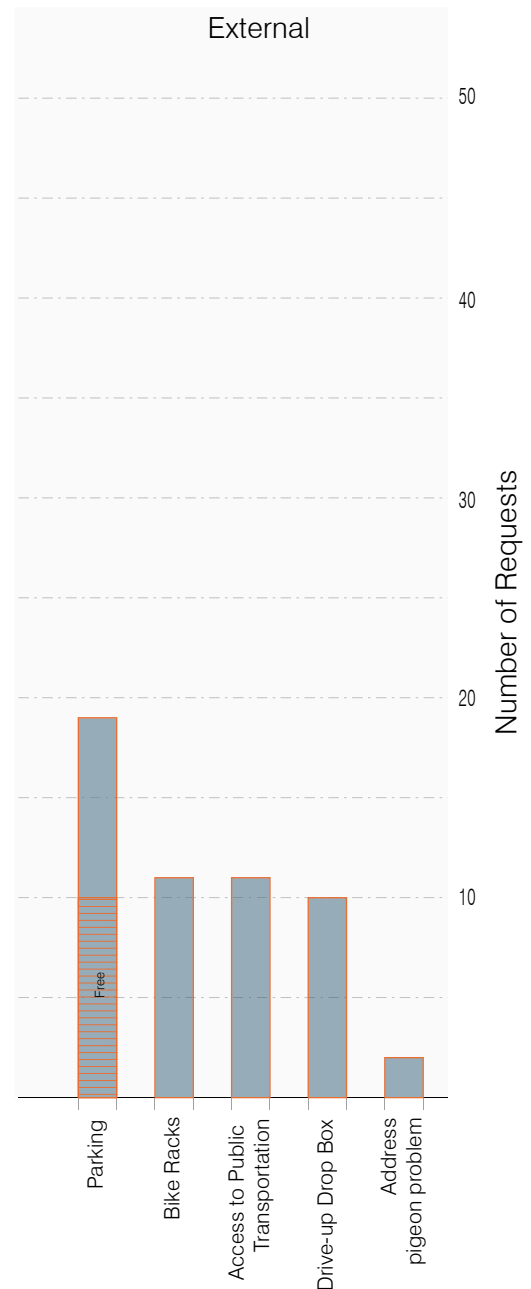
- Also adequate parking. Don't try to make a statement in favor of mass transit with inadequate parking.
- Free parking
- Free public parking for library users, staff, & volunteers.
- Big priority: underground parking and lots of it! Maybe your library card can be your parking pass? Back door for deliveries. Mandatory bus stop. Bike rack in a safe place. Drive up and walk up book drops, safe from weather and easy to get in and out of.

#### Public Transportation

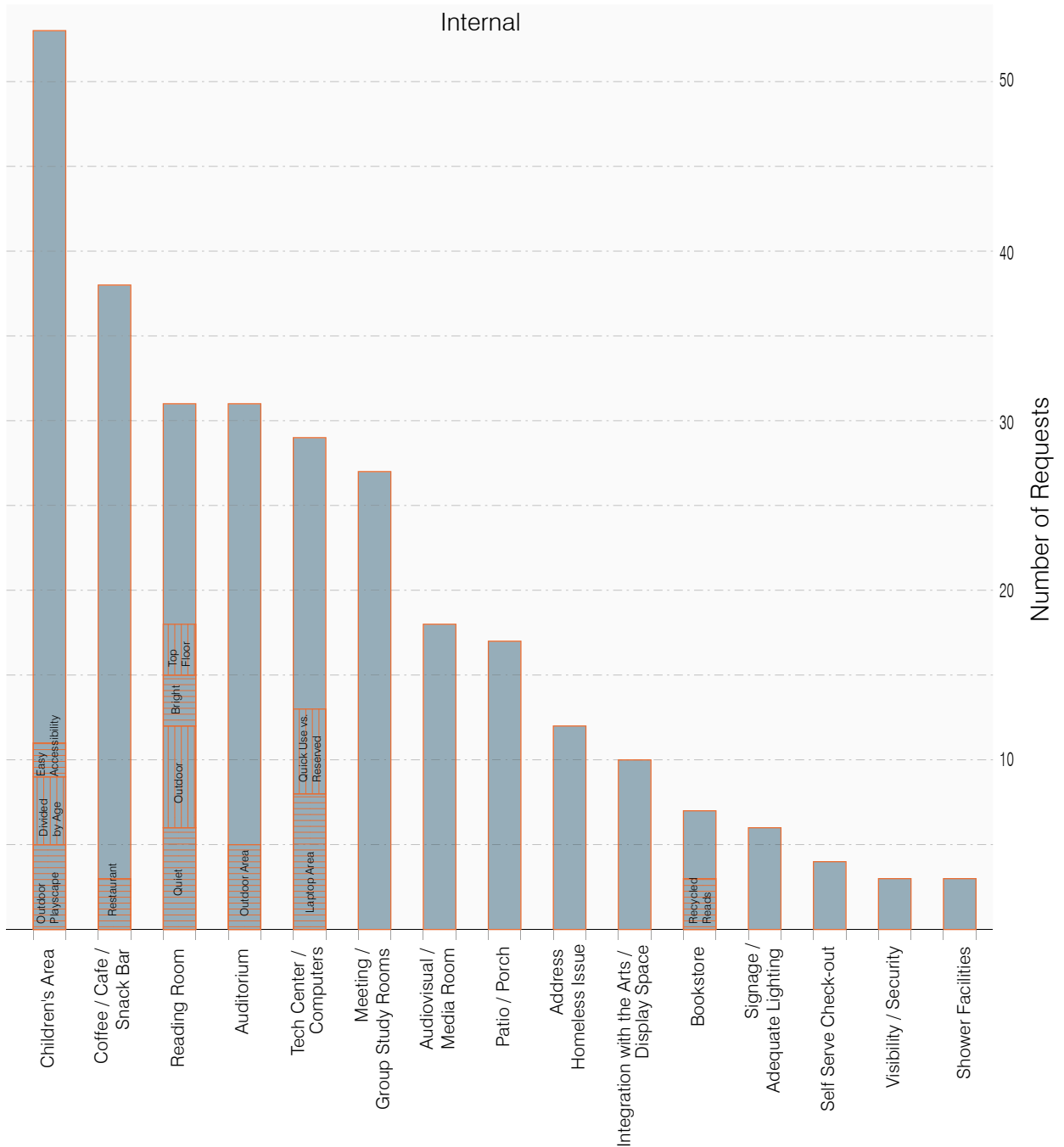
- The most important thing by far is to attempt to get as much transit access to the library as possible.
- Take care to ensure that public transit options are available.

#### Youth Services

- I believe one entire floor should be for the kids in Austin. I have been in other Main Libraries in other cities and they have an entire floor dedicated to kids. It's all theirs, the furniture, are, magazine, all for them.
- I am appalled that the current library (and branches, for that matter) don't have their children's stack in a separate room. Yes, kids need to learn to be quiet; however, this comes with practice...the only way to instill a love and respect for the library is to start bringing them when they are very young, and without a space of their own the current libraries in Austin are not fostering anything.









## A New Central Library

- Also an area for children's programming. It would be great if there were spaces for multiple events-for example, story time might be held in an open story time area while a class was watching a puppet show in the program room.

### Cafe

- A coffee shop whose profits could support literacy programs.
- Coffee shop/cafe, like they have in museums.
- What about building a snack bar or cafe/bar into the library area. The library can rent out the place and gain revenue from that.

### Quotes - Input on Architecture/Civic Presence

#### Green Design

- I would love for the new library to be GREEN in design and building. Sky lighting!
- Natural light! Flowing water (wall fountain, water flowing down, the sound of running water.)

### Seattle Public Library

- I would like the new Austin library to be similar to the main Seattle Public Library. On the outside, it should be funky.
- Stun the world with great architectural design that makes users feel comfort and not awkward like the Seattle central library does.
- I went to the Seattle library designed by Rem Koolhaas and hated it. It already looked dated and the outside around the building was dead.

### Local Austin Architecture

- Lets get some cutting edge, innovated green buildings into Austin. I am so disappointed by the Blanton Museum. I keep walking past the front door thinking it is the staff entrance.
- Keep the architecture traditional; no academic indulgences like the execrable design of the City Hall building which will be a joke in 10 years.

- Pay for quality design consulting. Make this a centerpiece of Austin public space. The new city hall is an excellent example of this.

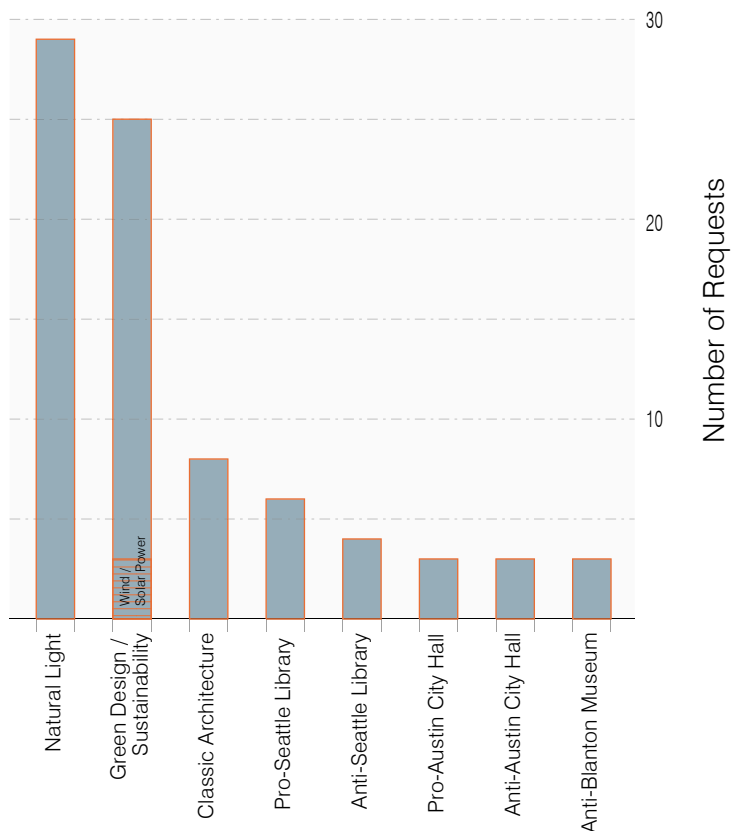
### Classical Architecture

- Please make it warm and inviting. Some contemporary styles can seem a bit cold. Classical architecture never goes out of style!

### Great Quotes

- I think it should have a long, sloped, undulating roof reminiscent of turbulent seas, with hidden features reflecting sub-conscious dreams of treasure or sea monsters.
- Keep the "Texas" aspects subtle and sophisticated: no giant mosaic Texas flags on the floor.
- Something like Palladio meets the Natural Gardener would be fantastic.
- Close attention needs to be paid to the restrooms. Do not use the toilet paper holders that have been installed in the branches. They never stay intact. Also use strong air dryers, not the wimpy World dryers to avoid towels being stuffed into the toilets. There must be some industry standard that tells how hard the wind blows out of the machine. If we want people to use them, they need to dry quickly.
- It should look FUN and INVITING. No boxes and not metal and steel ego pieces, please!!
- Can I have my part of the money back?? A new library, is questionable, but does it need to be so large, and on some of the most expensive land in the city??
- Separate computer stations/multi-media facilities in sound-proof rooms! Separate children's room - again, sound-proofed, since many children today are not being taught to be quiet anywhere.
- As you see, I have very strong opinions in this matter. Since I pay a small fortune in library fines to the "General Fund", I welcome this opportunity to speak my mind. Thank you.

- As much as the new Central Library is a space for the community let's not get lost or carried away with ideas of the library being more a community center. It's still a library.
- The new Central Library should feel like 'a cross between Dwell magazine and Starbucks.'
- Access to information was the former 'great equalizer.' Now it's access to space – to gather, to perform, to meet and plan in. A library should act as a crucible providing information and space.
- I will be proud if Austin's Central Library is a place to visit even if I don't need a book.





## A New Central Library

## Space Program

### Summary

Lake | Flato and Shepley Bulfinch, a Joint Venture worked with the City of Austin and the Library through a series of interviews with Library divisions and five community meetings throughout the city of Austin to gain feedback and understand the vision for the Austin New Central Library. The process for the interviews engaged library staff, administration and teen focus groups to explore a full range of perspectives and opinions that could be synthesized into a space-needs program. The design team assessed both existing and future space requirements to achieve the vision for the new Austin central library.

The team held the following interviews during the Preliminary Design Phase:

Deliveries/Materials Handling  
Collections/Cataloging  
Interlibrary Loan  
Library Management Team  
Central Library Services  
Circulation Support  
Recycled Reads/Giftshop  
Security/ Safety  
Youth Services  
Branch Services  
Organizational Development  
Victory Tutoring  
Library Director and Assistant Directors  
Office of Programs and Partnerships  
Teen Focus Group  
Library Information System & Business Enterprise and  
Communications & Technology Management  
Facilities Services  
Custodial

The intent of the new library space program is to accommodate all program elements and their support spaces within a 112,100 GSF (gross square feet) building in order to be feasible within the project budget.

Each of the programmatic elements was reviewed and evaluated by COA and the Library to reach a consensus to ensure that the program fulfills all department space needs. The program is a living document and will reflect ongoing comments and investigations as the team moves through the future design phases. The program was developed with the goal of creating a library that supports all library functions and public/ community amenities. It is essential that the library be a place for all ages and to provide for the diverse needs of the community.

A summary has been provided comparing the existing Faulk Library departmental spaces to the full build out of the proposed Austin New Central Library. The existing program distribution identified that half of the existing Faulk Library consists of collections and seating. The next largest amount of space is dedicated to staff and support functions and only a fraction was dedicated to public. The proposed program accommodates all staff in the proposed building to carry out the functions of a successful library and increased the public piece of the program to provide the amenities that reflect the vision of the library, teens and community. Collections and seating are a large part of the library and



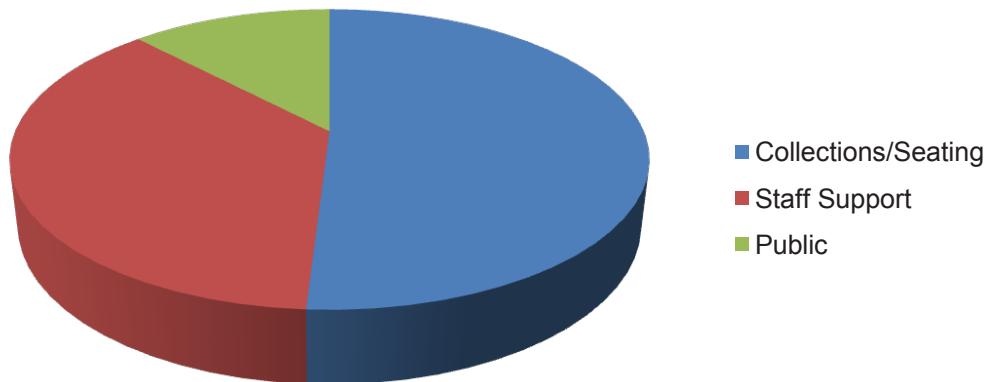
## Space Allocation by Department

	Department	Existing ASF*	Proposed ASF
1	Library Entry	750	1,940
2	Food Service	240	1,250
3	Boutique Giftshop/Bookstore		1,200
4	Service Points	1,050	1,092
5	Collections/ Seating	32,219	48,860
6	Meeting Spaces		14,100
7	Digital Resources	2,248	5,176
8	Victory Tutoring	90	100
9	Youth Services	4,144	11,910
10	Collections/ Cataloging	5,833	3,579
11	Interlibrary Loan	715	902
12	Central Library Services	3,598	2,616
13	Information Services/ Systems	2,075	2,008
14	Circulation Support	2,356	1,411
15	Security/ Safety	350	543
16	Library Staff	5,431	4,824
17	Deliveries/ Materials Handling		8,930
18	Additional Building Support	2,182	1,660
	<b>TOTAL ASF</b>	<b>63,281</b>	<b>112,101</b>

\* Existing ASF (Assigned Square Footage) does not include basement level storage.

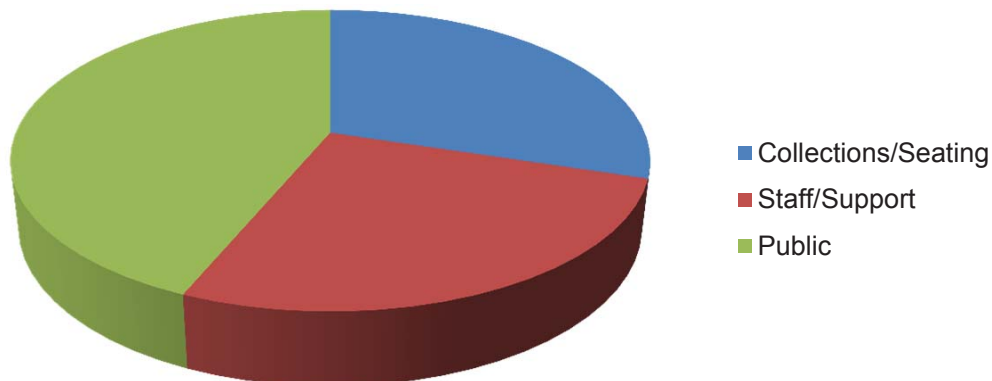
### Existing Space Allocation

Collections/Seating	Staff Support	Public	Total
32,219	23,317	7,682	63,218
51%	37%	12%	



### Proposed Space Allocation

Collections/Seating	Staff/Support	Public	Total
33,400	29,700	48,900	112,000
30%	26%	44%	



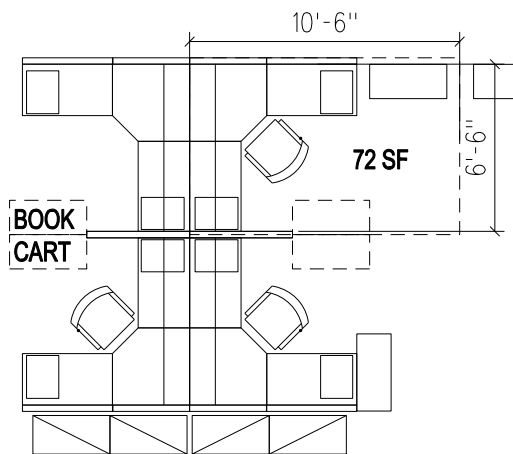


## Programming Metrics

The following are programmatic metrics that identify different size and style of workstations and office spaces that are proposed in the program. As we further develop floor plans in the upcoming phases we will use the metrics provided to fit out spaces.

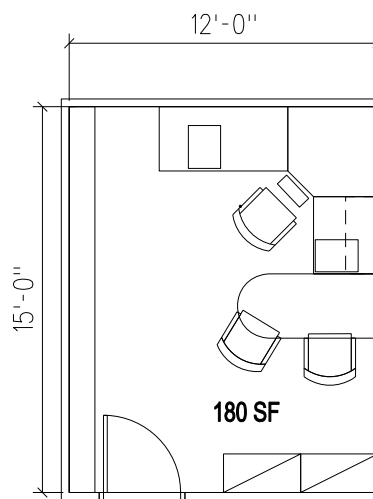
### Workstations - Potential

Average - 72 SF



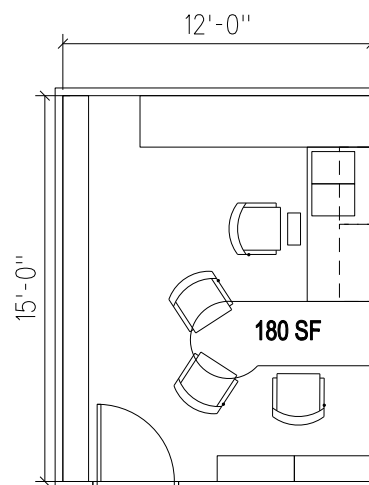
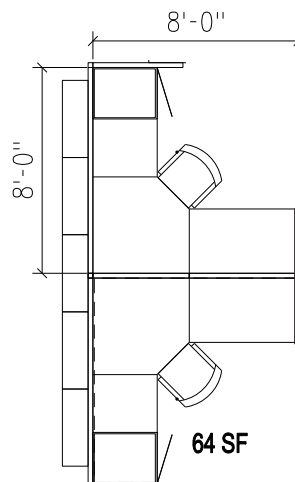
### Office Sizes - Potential

Director - 180 SF



### Workstations - Potential

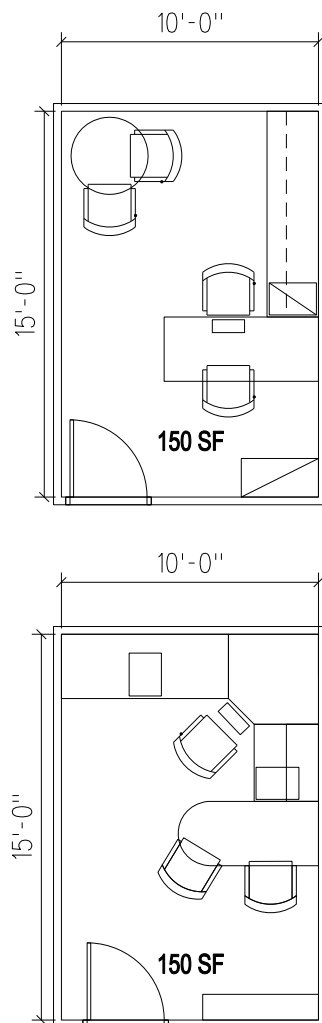
Small - 64 SF





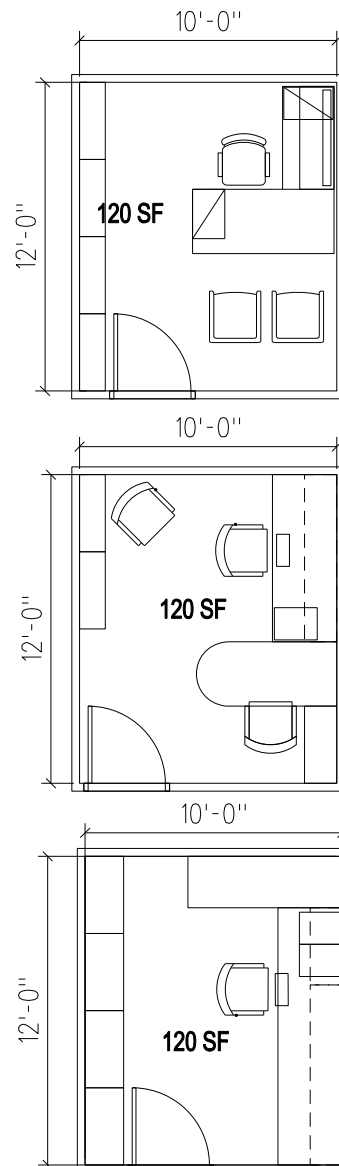
**Office Sizes - Potential**

Assistant Director - 150 SF



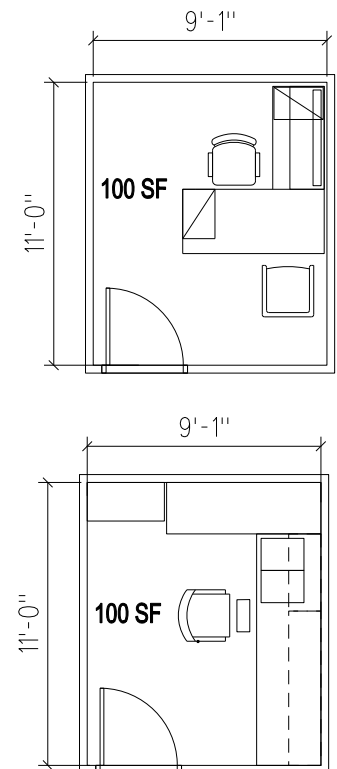
**Office Sizes - Potential**

Manager - 120 SF



**Office Sizes - Potential**

Staff - 100 SF





## Adjacency Diagrams

The planning team has identified key adjacency requirements that conceptually outline services and departments with physical and functional adjacencies to one another. The adjacencies were developed through observations of the current departments and listening to the wants and needs of the administration, staff and community with the end goal of designing a New Central Library that incorporates both library and public amenities. In the following diagrams, a physical connection is identified by the overlapping of programmatic circles that are proportional in size to the department's assignable square footage. The team identified functional adjacencies by a gray dashed arrow. Below is a list of the key adjacency requirements explored:

Overall Program

Youth Services

Digital Resources

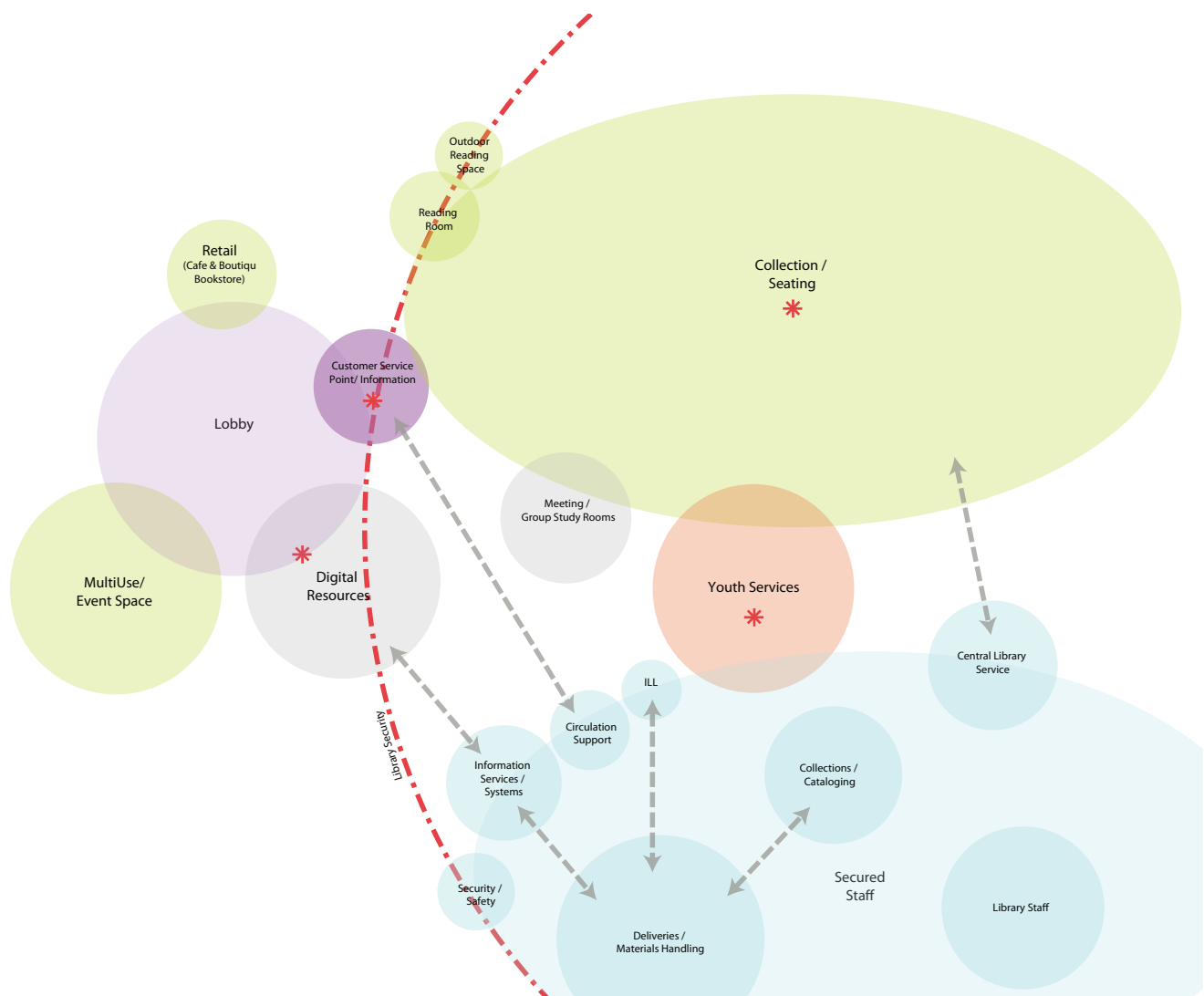
## Overall Program

The Austin New Central Library is divided between library secure and non-secure programmatic elements. There are many public functions that the team has identified as non-secure and will be open either before and/ or after library hours. They consist of the MultiUse Event Space, café and boutique bookstore. As the design team moves into the next level of design, they will investigate how to design the spaces above under the constraint of being located inside and outside library security while creating a cohesive building that is flexible enough to change over time.

Collections and seating will be distributed throughout all levels of the building creating spaces that will draw users into the library to discover the collections and a mixed variety of seating. The reading room will have a physical connection to seating and the collection space. The reading room will be a flexible space with 60 user seats dedicated to table and lounge seating that can be reconfigured to hold informal and formal special events. The space will have a physical adjacency to an outdoor terrace that will also be used as an outdoor reading room.

The secured staff area is another large portion of the library program. There are some departments including Library Staff and Circulation Support that do not need a direct connection outside staff security. However, a portion of staff and materials flow between departments throughout all areas of the library. Security/ Safety, Information Systems/ Systems, Interlibrary Loan and Central Library Services all function both inside and outside the secured staff space by moving material throughout the library. The gray dashed arrows help to identify which departments work together both through the movement of materials and staff.

Youth services is a destination space where all ages of children come to the library with their families and friends. Centrally locating the department for ease of wayfinding is a priority. The overlap of the department with collections and secured staff identifies that both elements are located in the space.

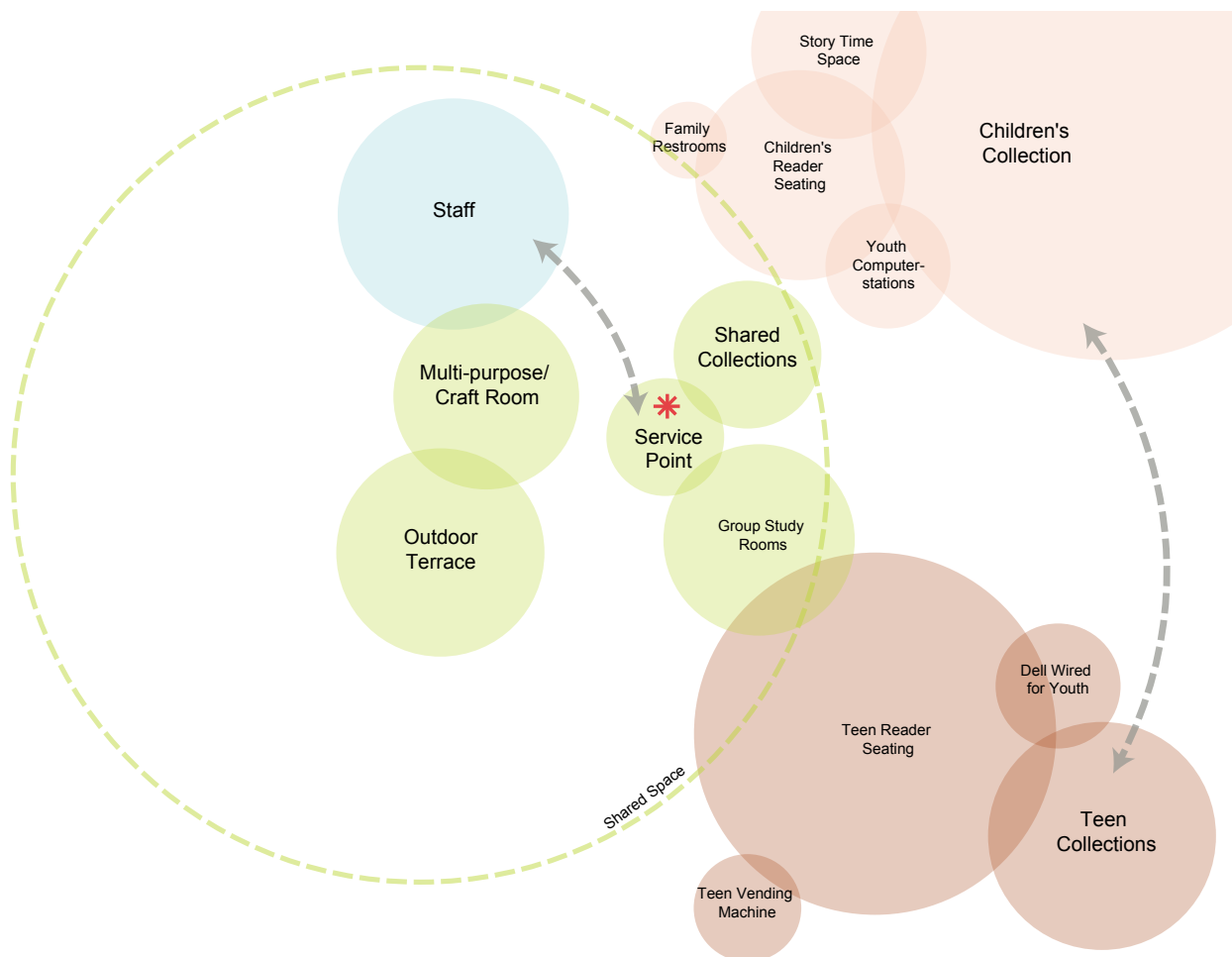




## Youth Services

Youth services is an active department incorporating children and teen areas that require each to have their own space, and are connected through a series of shared spaces. The shared spaces physically and visually connect the two areas during day to day functions and identify the public amenities that help to make the New Austin Central Library unique to the city. The physical adjacency between the multi-purpose/craft room and the outdoor terrace provide opportunities to open the space up and flow out to the terrace space for arts and crafts, daily youth programs, and other small

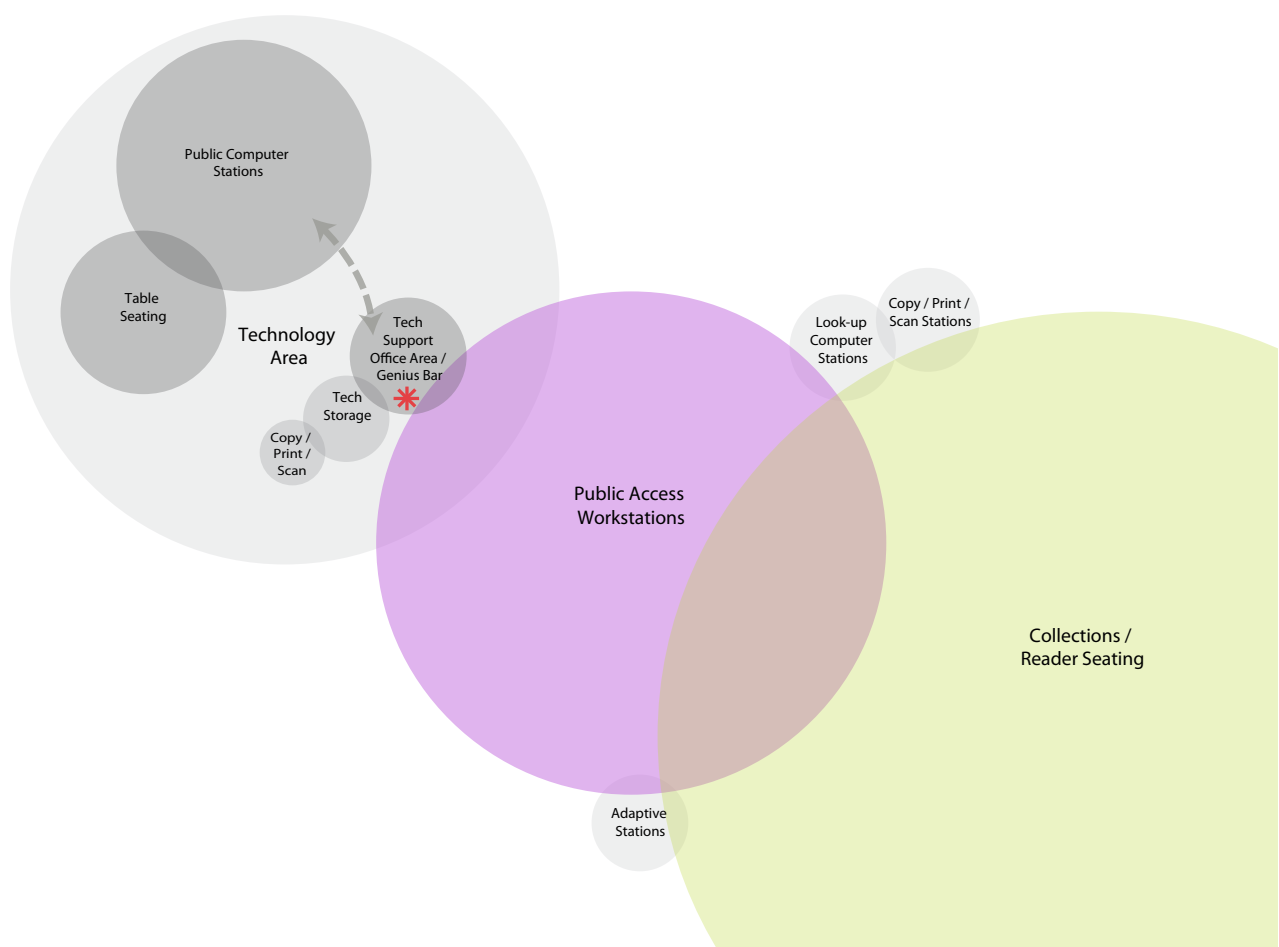
productions. One challenge identified is that the service point needs to have a visual connection to all the spaces. The program identifies that each sub-department of youth services is made up of reader seating, computers and collections. The seating begins to tie the spaces together and is the transitional space between the shared amenities and each of the departmental spaces. The dashed arrows identify that there is a functional relationship between all the collections in that they are available and accessible to all users in the community.



## Digital Resources

Digital resources is a highlighted programmatic element for the New Austin Central Library. Through the program interviews and community meetings, it was identified that the library would be best served by incorporating a Technology Center outside library security that would be open longer hours than the library. The largest element in digital resources is the public access computers. The program identifies that 80 public access desktop computer workstations and 40 laptops are to be provided. The diagram

identifies that a portion of the computers will be located in the Technology Area and all catalog computers will be located throughout the collections and reader seating. The diagram provides additional elements located within the technology area including staff support space, genius bar, storage and a copy/ print/ scan stations. Other programmatic elements of digital resources are identified as a light gray and are located outside the technology center but are distributed within library security adjacent to collections and seating.





## A New Central Library

## Detailed Space Program

The Detailed Space Program includes a list of spaces that will be the basis for the Schematic Design efforts for the New Central Library.

The square footages listed are approximate, and will be affected by placement and the realities of translating the list of spaces into a three dimensional building.



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Department	Unit	ASF/Unit	Subtotal	Comments
<b>1 Library Entry</b>				
1.1 Lobby			<b>1940</b>	
Open Space - Lobby			1500	Double Height, to include 4 exhibit cases
Security System - primary entrance	2	100	200	
Security System - secondary	2	100	200	
Directory/Info Kiosk	1	40	40	
<b>SUBTOTAL</b>			<b>1940</b>	
<b>2 Food Service</b>				
2.1 Café			<b>1250</b>	To be accessed from both inside and outside library security
Storage/Prep/Service	1	500	500	
Café Seating	30	25	750	
<b>SUBTOTAL</b>			<b>1250</b>	
<b>3 Boutique Giftshop/Bookstore</b>				
3.1 Boutique Bookstore	1	1200	<b>1200</b>	Includes back of house storage/desk space
<b>SUBTOTAL</b>			<b>1200</b>	
<b>4 Service Points</b>				
4.1 Customer Service Desk			<b>513</b>	Modular layout for future flexibility
Workstations	2	64	128	
Go-To Print Station	1	40	40	
Reserves Scanner Station	1	25	25	
Reserve Shelving	10	20	200	
Book Trucks	10	12	120	
4.2 Telephone Reference			<b>173</b>	To be glass enclosed
Workstations	2	64	128	Include low shelving
Copy/ Print/ Fax	1	45	45	
4.3 Information Kiosks	4	64	<b>256</b>	To be distributed on upper levels
4.4 Self Check-Out Machines	10	15	<b>150</b>	To be distributed throughout all levels
<b>SUBTOTAL</b>			<b>1092</b>	



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Department	Unit	ASF/Unit	Subtotal	Comments
<b>5 Collections/Seating</b>				
<b>Collections</b>			<b>28660</b>	
5.1 Recent Material	18	25	450	417 LF - Assume 5 shelves high - top shelf display
5.2 AV (music on cd, books on cd, dvds)	22	25	549	1068 LF - Assume 9 shelves high, 90% capacity
5.3 Local Music Collection	1	500	500	
5.4 Current Periodicals	30	25	750	900 LF - Assume Display Shelving - 5 shelves high
5.5 Bound Periodicals	x	25	x	
5.6 Reference	87	25	2169	1770 LF - APL to confirm depth of shelving - 4 shelves high, 85% capacity Keep bottom shelf open
5.7 World Languages	26	25	654	800 LF - Assume 6 shelves high - 85% capacity
5.8 Non-Fiction	946	25	18175	28,938 LF - Assume 6 shelves high - 85% capacity
5.9 Fiction	217	25	5413	6625 LF - Assume 6 shelves high - 85% capacity
<b>Seating</b>			<b>20200</b>	
5.10 Reader Seating	500	35	17500	Mix use of seating types
5.11 Reading Room	60	35	2100	Provides for 150 -175 Standing
5.12 Outdoor Reading Space	1	600	600	Includes 30+ reader seats
<b>SUBTOTAL</b>			<b>48860</b>	
<b>6 Meeting Spaces</b>				
6.1 MultiUse/ Event Space			<b>7800</b>	Flexible Multi-Use Space. Possible donor opportunity
Seats	350	18	6300	
AV Racks	1	200	200	
General Storage	1	600	600	
Prep Room/ Green Room	2	250	500	
Tickets/coats	1	200	200	
6.2 Cooking/Demo Space	1	1800	<b>1800</b>	Include kitchenette/ etc.
6.3 Meeting/ Training Room (30 seats)	1	900	<b>900</b>	Adjacent to Digital Resources - Include lockable storage for laptops
6.4 Group Study Room (4 seats)	6	120	<b>720</b>	Technology rich
6.5 Group Study Room (8 seats)	6	240	<b>1440</b>	Technology rich
6.6 Group Study Room (12 seats)	4	360	<b>1440</b>	Technology rich

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Department	Unit	ASF/Unit	Subtotal	Comments
<b>SUBTOTAL</b>				
<b>7 Digital Resources</b>				
7.1 Technology Area			<b>2346</b>	Possible donor opportunity
Public Computer Stations	30	40	1200	Assume additional laptop checkout
Table Seating	20	30	600	Wired for laptop use/power
Technology Support Workstations	2	64	128	
Genius Bar	2	64	128	Public Technology HelpDesk Service
Technology Storage Area	1	200	200	
Copier/Printer/Scanner	2	45	90	
7.2 Public Access Workstations	50	40	<b>2000</b>	Distributed throughout library
7.3 Look-Up Computer Stations	8	25	<b>200</b>	To be distributed among floor level
7.4 Adaptive Stations			<b>180</b>	
Kurzweil Station	1	45	45	
Adaptive Stations	3	45	135	
7.5 Copy/ Print/ Scan Stations	10	45	<b>450</b>	Assume 2 per floor
<b>SUBTOTAL</b>				
<b>5176</b>				
<b>8 Victory Tutoring</b>				
8.1 Staff			<b>100</b>	
Coordinator	1	100	100	
<b>SUBTOTAL</b>				
<b>100</b>				
<b>9 Youth Services</b>				
9.1 Staff			<b>828</b>	
Youth Program Specialist - office	1	100	100	
Coordinator Workstations	2	64	128	
Youth Services Librarians	3	64	192	
Staff Open Workspace	1	120	120	
Book Trucks	4	12	48	
Shelving	8	20	160	

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Department	Unit	ASF/Unit	Subtotal	Comments
Storage	1	80	80	
9.2 Children's / Pre-teen Area			<b>5614</b>	
Service Point	1	200	200	
Display Cases	2	30	60	Possible donor opportunity
Story Time Space	1	400	400	16' x 25'
Collections	139	25	3466	3 Shelves High @ 85% - 2121 LF collection
Reader Seating	48	20	960	Mix of lounge and table seating
Computer Stations	12	30	360	
Closet for Storytime	1	40	40	
Family Restrooms	2	64	128	
9.3 Teen Area			<b>3437</b>	
Collections	38	25	947	4 Shelves High @ 85% - 773 LF collection
Seating	60	30	1800	Mix of lounge and table seating, includes diner
Dell Wired for Youth	12	30	360	Mixed with total computer workstations
Storage for Connected Youth Equipment	1	80	80	
Vending Machine Area	1	250	250	
9.4 Shared Spaces			<b>2031</b>	
Multi-purpose/Craft Room	20	25	500	To use Multi-purpose space for general library services
Study Rooms/Alcove - 4 seats	3	120	360	Technology rich
Study Rooms/Alcove - 8 seats	1	240	240	Technology rich
Collections	13	25	331	4 Shelves High@ 85% - 270 LF collection
Outdoor Space	1	600	600	
<b>SUBTOTAL</b>			<b>11910</b>	
<b>10 Collections/ Cataloging</b>				
10.1 Staff			<b>2204</b>	
<b>Purchasing/Acquisitions</b>			<b>980</b>	
Purchasing Supervisor	1	100	100	
Lg Workstation Purchasing/Acquisition	2	80	160	
Purchasing and Acquisitions Staff	10	72	720	Provide space for 2 booktrucks

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Department	Unit	ASF/Unit	Subtotal	Comments
<b>Cataloging</b>			<b>532</b>	
Cataloging Library Services Asst Mngr	1	100	100	
Cataloging Staff	6	72	432	Provide space for 2 booktrucks
<b>Collection Development</b>			<b>572</b>	
Collection Library Services Asst Mngr	1	100	100	
Selectors - Staff	4	64	256	Provide space for 1 booktruck
Administrative Staff	3	72	216	Provide space for 2 booktrucks
<b>ACCS Manager</b>	1	120	<b>120</b>	
10.2 Work Area				
<b>Purchasing/Acquisitions</b>			<b>675</b>	
Vertical 2 Drawer File Cabinets	11	15	165	
Bookshelves	14	10	140	
Lateral File Cabinets	7	20	140	6 - purchasing, 1 - acquisitions
Storage Cabinets	3	20	60	
Storage Shelving	17	10	170	
<b>Cataloging/ Processing Work Area</b>	1	200	<b>200</b>	Work area - space for 4 trucks and storage above/ below
10.3 Sorting Racks	7	20	<b>140</b>	
10.4 Book Trucks	30	12	<b>360</b>	Located in open/staging area - add'l booktrucks at workstations
<b>SUBTOTAL</b>			<b>3579</b>	
<b>11 Interlibrary Loan</b>				
11.1 Staff			<b>484</b>	
Manager	1	100	100	
Staff - Large Workstations	2	72	144	
Staff - Lending Workstation	3	40	120	Individual workstations needed
Staff - Clerks	3	40	120	
11.2 Work Area	1	150	<b>150</b>	Includes sink, recycling storage, 2 sections of shelving
11.3 Aerial Machine	1	60	<b>60</b>	
11.4 Fax/Copier/Printer	1	40	<b>40</b>	
11.5 Book Trucks	4	12	<b>48</b>	
11.6 Shelving	4	20	<b>80</b>	

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Department	Unit	ASF/Unit	Subtotal	Comments
11.7 Storage	1	40	40	
<b>SUBTOTAL</b>			<b>902</b>	
<b>12 Central Library Services</b>				
12.1 Circulating Staff			<b>404</b>	
Manager	1	100	100	1 located in Circulation area
Cir Supervisors/Seniors	2	80	160	
Circulation Leads	2	72	144	
12.2 Distribution Work Area			<b>64</b>	
Workspace for Circulation Clerks (14)	1	64	64	
12.3 Reference Staff			<b>1344</b>	
Manager	2	100	200	
Reference Librarians	15	72	1080	
Processing Area	1	64	64	
12.4 Periodicals Staff			<b>200</b>	
Periodical Lead	1	72	72	
Periodical Aides (3)	2	64	128	
12.5 Periodical Work Area			<b>184</b>	
Work Table	1	40	40	
Workstations	2	72	144	
12.6 Paging Staff			<b>200</b>	
Paging Lead	1	72	72	
Pages Workstations	2	64	128	
12.7 Division Manager	1	120	120	
12.8 Assistant Division Manager	1	100	100	
<b>SUBTOTAL</b>			<b>2616</b>	
<b>13 Information Services/ Systems</b>				
13.1 Staff			<b>696</b>	
Manager	1	120	120	
Technical Staff (16 total)	8	72	576	1 work station for every 2 staff

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A New Central Library

Department	Unit	ASF/Unit	Subtotal	Comments
13.2 Testing/ Work Area	1	400	400	
13.3 Storage	1	200	200	To be lockable
13.4 Staging Area	1	400	400	
13.5 Technology Help Desk for Staff Only	1	72	72	
13.6 Server Room	1	240	240	
<b>SUBTOTAL</b>			<b>2008</b>	
<b>14 Circulation Support</b>				
14.1 Staff				Need access to kitchenette
Manager	1	100	388	
Staff	4	72	100	
14.2 Work Area	1	150	288	Need physical separation between workstations
14.3 Book Trucks	4	12	150	Printer and staging area for mail
14.4 Open Storage - Shelving	15	25	48	Confirmed - 11.2.09 email
14.5 Closed Storage	18	25	375	Confirmed - 11.2.09 email
<b>SUBTOTAL</b>			<b>450</b>	Confirmed - 11.2.09 email
			<b>1411</b>	
<b>15 Security/ Safety</b>				
15.1 Staff				
Manager	1	100	217	
Supervisor	1	72	100	1 Manager Office to be located in Administration Suite
Staff Workstations	1	45	72	
15.2 Control Room	1	150	45	
15.3 Security Desk	1	40	150	APL to confirm control room equip, etc.
15.4 Storage	1	64	40	Security staff located at all entries and exits
15.5 Custodial Staff Supervisor	1	72	64	15 lockers, storage, etc.
<b>SUBTOTAL</b>			<b>72</b>	
			<b>543</b>	
<b>16 Library Staff</b>				
16.1 Administration				
Library Director	1	180	644	
			180	

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Department	Unit	ASF/Unit	Subtotal	Comments
Asst. Director	2	150	300	
Administrative Asst.	1	64	64	
Program Specialist	1	100	100	
16.2 Branch Services			192	
Services Manager	1	120	120	
Admin Specialist	1	72	72	
16.3 Organizational Development			172	Files to be located in Central File Storage
Manager	1	100	100	
Staff	1	72	72	
16.4 Volunteer Coordinator	1	72	72	
16.5 Human Resources			480	Segregated office suite due to confidentiality
HRD Manager	1	120	120	
HRD Specialist	2	100	200	
Secure File Closet	2	80	160	
16.6 Finance			500	
Finance Manager	1	100	100	
Staff	3	100	300	
File/ Cash Office	1	100	100	
16.7 Marketing			514	
Manager	1	100	100	
Staff	2	72	144	
Shelving	8	10	80	6 shelves high - SFS
Storage Closet	1	40	40	
Staff Work Space	1	150	150	
16.8 Occupational Health and Safety	1	120	120	
16.9 Grants and Records Management	1	100	100	
16.10 Shared Spaces			2030	
Staff Break Room - 30 Seats	1	400	400	Include Computer Workstation
Conference Rooms - 30 Seats	1	900	900	Technology Rich
Staff Training Lab	15	30	450	
Central File	1	200	200	

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Department	Unit	ASF/Unit	Subtotal	Comments
Central Storage	1	80	80	
<b>SUBTOTAL</b>			<b>4824</b>	
<b>17 Deliveries/ Materials Handling</b>				
17.1 Staff			<b>356</b>	
Manager	1	100	100	
Staff Members	3	64	192	
Staff Lockers	8	8	64	
17.2 Sorting Room/ Staging			<b>3390</b>	
Sections	30	20	600	
Work Area - Sorting	1	250	250	
Computer Processing Workstation	1	40	40	
AMH System	1	2500	2500	APL to determine
Bins/ Book Trucks				Included in overall square footage
17.3 Central Storage	1	1500	<b>1500</b>	
17.4 Shipping/ Receiving			<b>2244</b>	
Processing Workstations	2	40	80	
Distribution Workstations	8	64	512	
Lending and Borrowing Workstations	3	64	192	
Mail Sorting	1	220	220	
Shelving for ILL	14	20	280	
Open Space - Pallets	1	960	960	
17.5 Building Facilities			<b>240</b>	
Manager	1	100	100	
Technician	1	40	40	
Visitor Office	1	100	100	
17.6 Loading Dock	1	1200	<b>1200</b>	
<b>SUBTOTAL</b>			<b>8930</b>	
<b>18 Additional Building Support</b>				
18.1 Custodial Closets	4	30	<b>120</b>	One per floor level



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Department	Unit	ASF/Unit	Subtotal	Comments
18.2 Large Custodial Closet	1	80	80	
18.3 Storage Closets	4	40	160	
18.4 Cleaning Supply Closet	1	100	150	
18.5 Trash and Recycling	1	200	200	
18.6 Trash and Recycling - Food	1	150	150	
18.7 Staff Showers/ Locker Room	2	400	800	
<b>SUBTOTAL</b>			<b>1660</b>	
<b>TOTAL NET SQUARE FEET</b>			<b>112,101</b>	
<b>TOTAL GROSS SQUARE FEET</b>			<b>187,208</b>	
<i>efficiency</i>			<i>60%</i>	



## Sustainability Goals

In envisioning the new Austin Central Library, the Lake | Flato/Shepley Bulfinch Joint Venture established a clear direction:

1. A Community Building: a building that draws people in and serves the community
2. A Smart, Sustainable Building: flexible, resource efficient
3. A Landmark Building: civic, timeless, expressive/reflective

The two-day Integrative Sustainable Design Charrette built the above vision. With a breadth of interdisciplinary team members and City of Austin representatives participating, the charrette put in motion a process to create a cohesive roadmap, underscored by guiding principles, measurable goals and metrics. The results will serve as the initial common reference point for the entire team. They also mark the beginning of a living document that will capture the evolution of the goals and metrics as they are shaped and refined during the design process. The resulting transparency will ensure that decisions are documented and aligned with the evolving goals and metrics.

Lake | Flato Architects facilitated the session assisted by project sustainability consultants Center for Maximum Potential Building Systems. Materials distributed to the team in advance presented the project in the context of “a civic landmark that serves the people of Austin as an open and welcoming yet secure resource for information and services, as well as a model of the City of Austin’s commitment to sustainable design.” While the City of Austin mandates that the project achieve a LEED Silver certification, the team acknowledged the opportunity to exceed that minimum requirement.

The two-day charrette affirmed the original direction and enriched it with greater depth of guiding principles, clarity of metrics, acknowledgement of challenges and commitment to follow-through on immediate next steps.

## Guiding Principles

Austin Central Library as Icon of Civic Values and Stewardship, Beacon of Sustainable Design Leadership and Place of Community-Connected Inspiration

- Set the benchmark for City of Austin environmental initiatives
- Demonstrate 21st century technologies and solutions
- Extend influence of library's vision beyond project boundaries through collaborative opportunities
- Establish library as an educational experience about local flora and fauna, energy, climate, water

### Form and Function

- Design the best daylit library and subterranean garage ever
- Provide a view for all regularly occupied spaces
- Create indoor/outdoor spaces that are seamless
- Create interactive spaces that engage children
- Devise solutions that provide multiple functions
  - Use the building as a light fixture (through appropriate daylighting) and as a shading device (where the design repels unwanted heat and light)
  - Landscape as water treatment infrastructure
- Integrate systems, such as solar and shade systems
- Prefer design solutions with potential to decrease O&M costs

### Flexible, Adaptable, Low-Maintenance Systems

- Design for resiliency and uncertainty
- Design for long life, loose fit
- Design to ensure future flexibility; future-proof
- Design the most efficient mechanical systems commensurate with load; the most efficient piece of equipment is one that is not running
- Design for passive systems first to achieve as high a level of energy performance and comfort and rely on mechanical systems as secondary mode.

### Regionally and Climatically Appropriate and Regenerative Design Solutions

- Maximize appropriate natural ventilation and appropriate daylight
- Specify local, regional materials
- Establish water balance as the basis to gauge water performance

## Measures of Success/Metrics

The team developed an introductory set of clear metrics for each sustainable design focus area, listed below. Although the list is short, each metric represents a significant and substantial leadership in what are understood to be the most critical areas of the project's design. The list is to be augmented as design progresses.

### Daylight + Lighting

- Provide daylight in more than 75% of regularly occupied spaces
- Afford views to the outdoors for all staff at a minimum
- Exceed LEED metric for night illumination to achieve exceptional nocturnal stewardship

### Energy Flows & Energy Future

- Design at minimum 60% reduction from the United States Commercial Buildings Energy Consumption Survey (CBECS) Library Average
- Purchase 100% renewable energy
- Provide 13% onsite renewable energy

### Site, Landscape & Water

- Zero storm discharge from site
- Use non-potable water sources for all uses other than drinking and cleaning
- Bike parking is one of the project priorities
- 100% native planting ("native" defined as within Shoal Creek watershed)

### Construction & Materials

- Minimum 50% regional materials
- Recycle 95% or more of construction waste



## A New Central Library