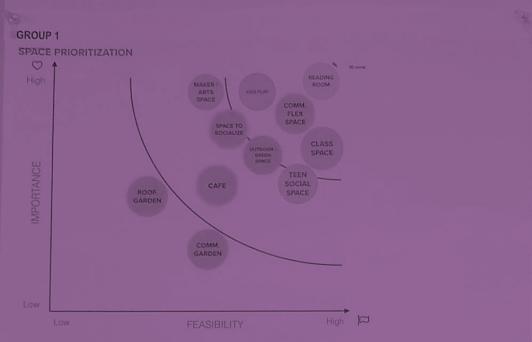
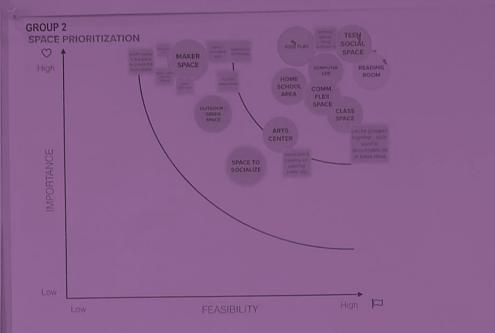
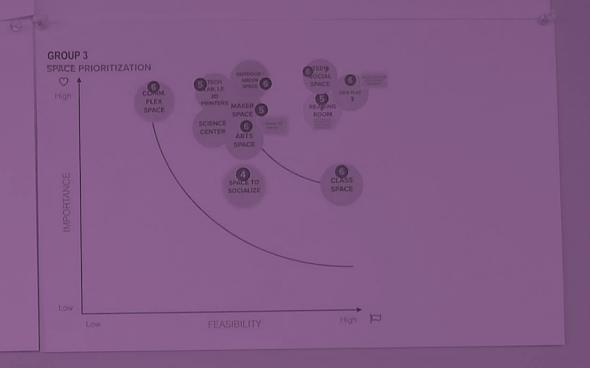


# JEFFERSON COUNTY PUBLICALIBRARY

SOUTH COUNTY EXPANSION PROJECT













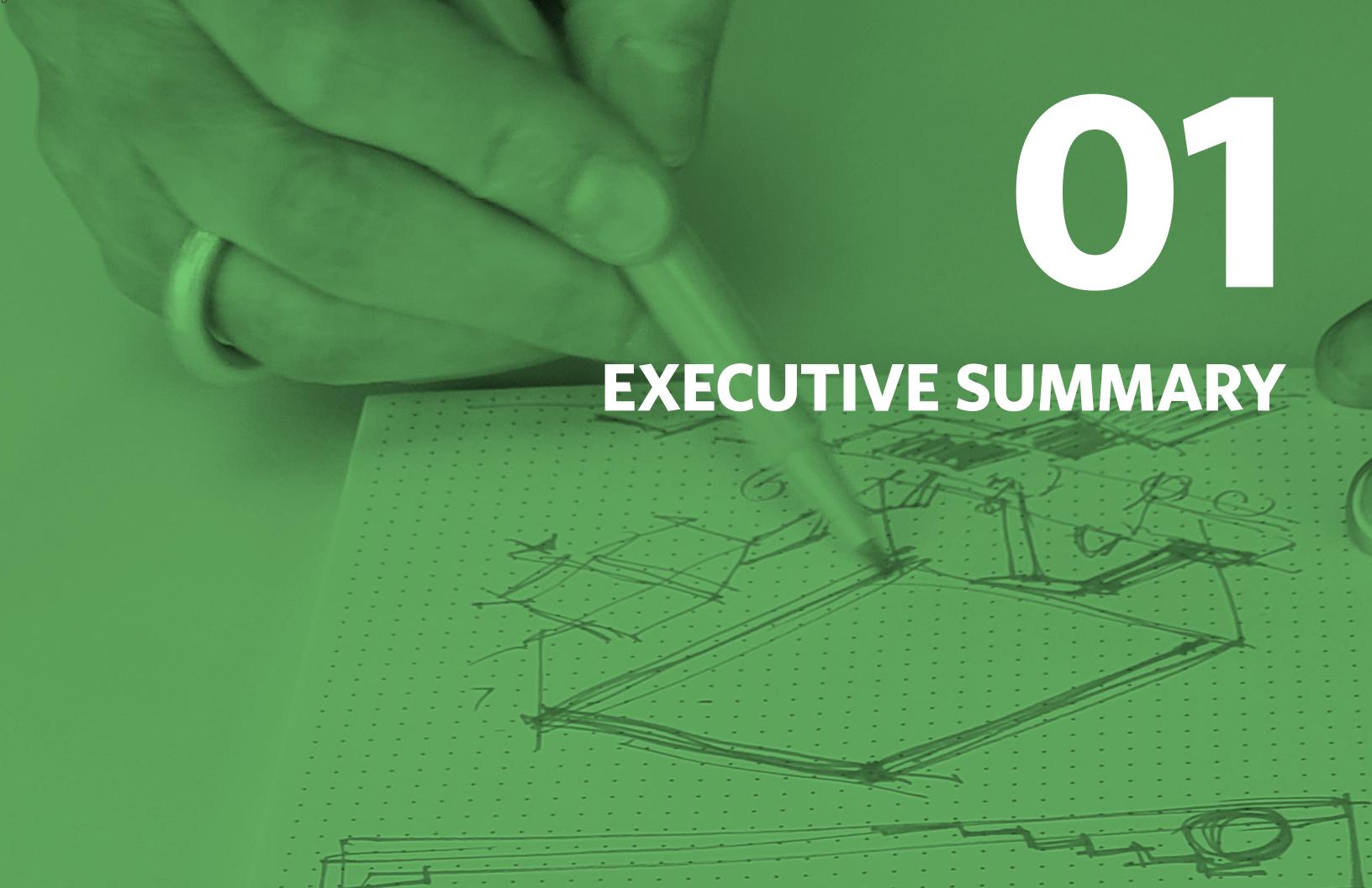


"A library outranks any other one thing a community can do to benefit its people. It is a never-failing spring in the desert"

Andrew Carnegie

# Contents

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02	<b>Community Engagement</b>	07
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#### **EXECUTIVE SUMMARY**

HDR was contracted by Jefferson County Public Library (JCPL) to provide consultation for the South County Expansion project in fall of 2019. The project scope consisted of developing a Fact Sheet with project key messages for the community, a Virtual Engagement Survey, and community engagement meetings to support the development of a Space Program and analysis to support potential sites for the future library destination. After completion of the Fact Sheet and development of the Virtual Engagement Survey had begun, the project was placed on hold due to COVID-19 in April 2020. In February 2021, the project was restarted and during the months of March and April of 2021, we launched the Virtual Engagement Survey and virtual engagement meetings with activities were held.

#### **COMMUNITY ENGAGEMENT**

#### **Online Engagement Survey**

The Virtual Engagement Survey was launched on March 19, 2021 and was closed on April 21, 2021. The survey was available in both English and Spanish and accessible from computers or mobile devices. 1,277 responses were gathered from the survey and the findings are included in the body of this report.

#### **Community/Stakeholder Meeting Results**

- Four virtual community engagement meetings were held via Zoom during the month of April. Meetings were made available for both English and Spanish speakers.
- Approximately 120 community members registered and approximately 60 people attended the meetings and
  participated in a series of activities meant the gather information about what the community wants in their new library.
- Two input meetings were held with the JCPL Managers, two input meetings were held with the JCPL Directors Team, and one input meeting was held with the JCPL Board of Trustees.

The detailed takeaways of the survey and meetings are included in the body of this report and the feedback received informed the guiding principles, location analysis, and space program.

1,277 Survey Responses
Approx. 60 Meeting Attendees
1,337
Total Participants

# STAKEHOLDER PARTICIPANTS: JCPL Board of Trustees JCPL Directors Team JCPL Managers

#### **Guiding Principles**

Guiding principles to inform the space program, site selection, and program of services were developed based on the priorities and are included in the report. These Guiding Principles are intended to inform not only what goes into the library, but also the qualities of those spaces and the future place that the library destination will become. They are the cornerstones of the design process moving forward.

### **Inspirational** place for learning

Community **Gathering** Place

Connection to **Outdoors** 

A place to **Create** 

**Elevating Convenience** 

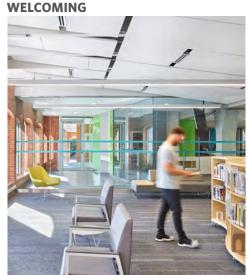
**Welcoming** for all

### A model of Flexibility & Adaptability

**Top 3 Community Priorities COMFORTABLE** 





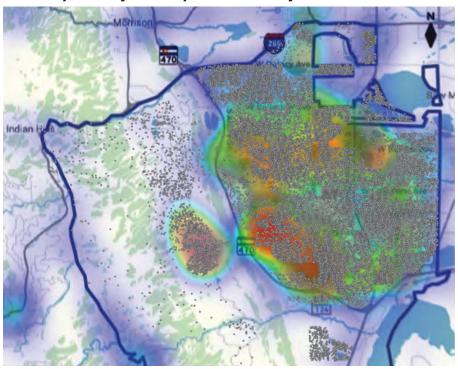




#### **LOCATION ANALYSIS**

Information gathered from the community was also intended to inform the location and site selection of the future library. Survey response data generated "heat maps" of where community members currently go for multiple functions such as school, shopping, entertainment, and recreation. In addition, demographic, environmental, other amenities, and social data have been included to support the library in selecting a site that best serves the future patrons.

#### **Heat Map Overlay with Population Density**



#### **SPACE PROGRAMMING**

#### **Quantitative Space Program**

A quantitative space program was developed for the purpose of recommending the types of spaces and how large they could be to accommodate particular uses and a certain number of occupants. This program will guide the size of the library destination and provide a framework for the design of the library and program of services. Community and stakeholder input guided the types of spaces proposed and recommendations for the flexibility and/or individuality of the purpose of each space.

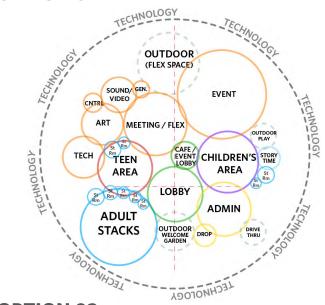
The space program provides three scenarios for the Library to consider as they evaluate potential properties and sites: **VISION (48**,812 **GSF), SUITABLE (39**,167 **GSF), & MINIMUM (32**,832 **SF).** The backup to the program summary in the appendix provides detailed information about space sizes and anticipated occupancy and these areas can be adjusted as needed to respond to space available in the selected site, budget, and finalized program of services.

#### **Adjacency Diagrams**

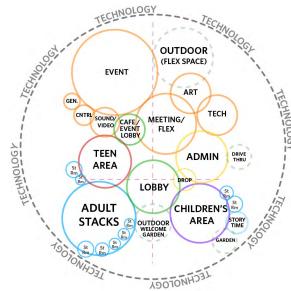
Programming adjacency diagrams were developed to show potential relationships between proposed spaces and rooms in the future library. These diagrams are intended to support test fit considerations of potential sites and inform the design moving forward. Feedback from the community supports the adjacencies.

This report is intended to set the stage for the future library destination based on the wants and needs of the community and future patrons it serves. It will guide the site selection process, support JCPL as they develop a program of services, and inform the designers as they move forward on the final design of the future library.

#### **OPTION 01**



#### **OPTION 02**





# Community Building = Building Community

Library Community Co-creation

# **ENGAGEMENT SUMMARY**

# **Process Overview** Start by listening:

Understanding the wants and needs of the community that a library destination in south Jefferson County will serve was paramount in beginning the process. To accomplish this, HDR began working with Jefferson County Public Library (JCPL) to develop a process for community and stakeholder engagement through spring of 2020. After the pause due to COVID-19, it was determined to relaunch the project with a virtual engagement process including a virtual engagement survey and a series of meetings hosted on Zoom.

#### **Survey:**

The virtual engagement survey was designed to provide an interactive way for the broader community to provide input on what would make a library destination accessible and desirable in the southern region of Jefferson County. The outcomes and takeaways from the survey are included in this section.

#### **Meetings:**

- 4 virtual community engagement meetings were held via Zoom during the month of April. During these meetings participants engaged with HDR and JCPL facilitators in two brainstorming activities and a series of "Quick Polls." These activities, in addition to the survey, informed the Guiding Principles and building space program.
- 2 input meetings were held with the JCPL Managers. During these meetings the staff that manages various library services throughout the JCPL library system participated in activities to provide insight as to what they hear from the patrons they work with and to inform the space needs program.

# **COMMUNITY PARTICIPATION OVERVIEW**



# **VIRTUAL SURVEY RESULTS**

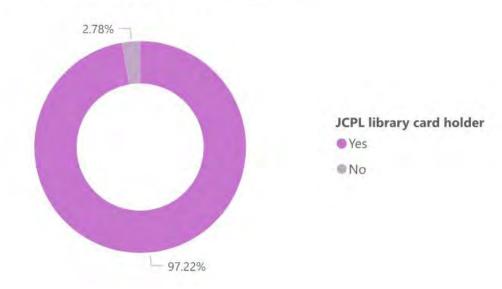
# Who Took the Survey?

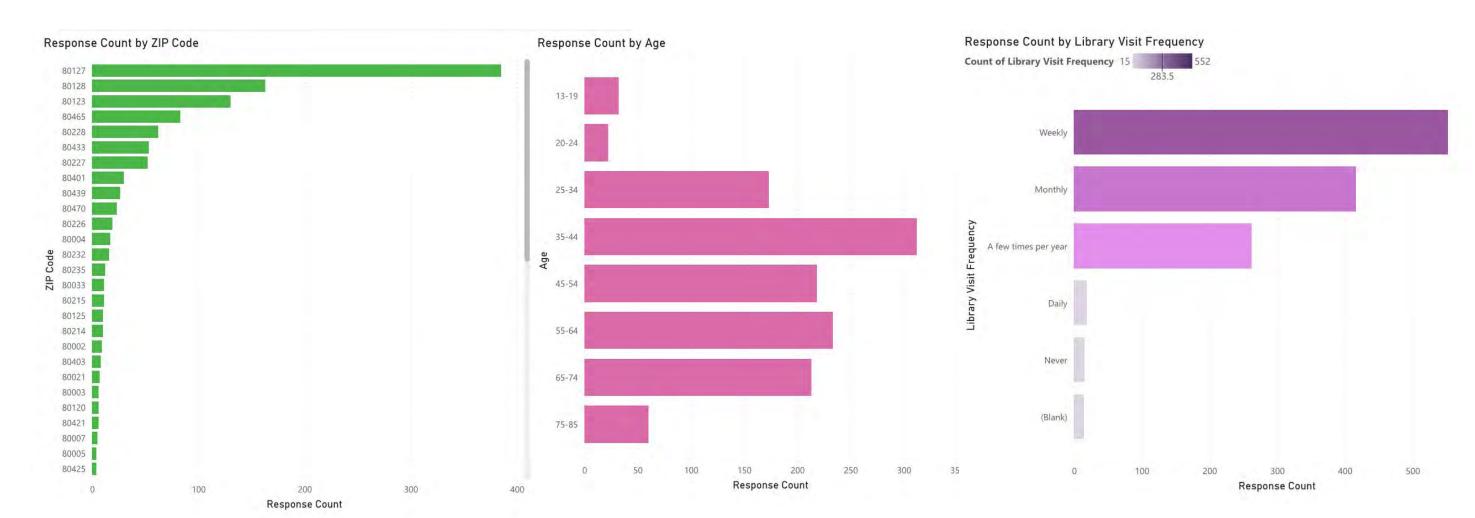
Survey participants live in a wide range of locations within Jefferson County though predominately in the western half of the County.

Participants' ages ranged from 13-85 with most participants between the ages of 25-74.

Almost all participants are library card holders and most frequent a library either weekly or monthly.

#### Response Count by JCPL library card holder





# **VIRTUAL SURVEY RESULTS**

"This or That"

### **QUESTION:**

"What are the library services, aesthetics, and priorities?"

Participants were shown two images and asked to choose "this" or "that" and they were able to share that "I like this because."

#### **TAKEAWAYS:**

- Outdoor spaces were preferred.
- Indoor/Outdoor connections are desired versus a sun room without access to the exterior space.
- There was an almost equal preference for both hands-on and digital, technology-based creative activities.
- While both sound recording and video recording received a substantial number of votes, the results leaned towards sound recording. There was an expressed interested in both.
- Chess (or analog games) received a substantial response over video games, however there were still over 300 responses for video games.

- Art classes were selected almost 800 times, while yoga classes received 343 selections.
- Open seating at tables was somewhat preferred over enclosed pods or rooms.
- The more modern high volume space was somewhat preferred over the more traditional aesthetic.
- Energy conservation took a marginal lead over water conservation.

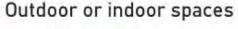
#### THIS OR THAT OUTCOMES

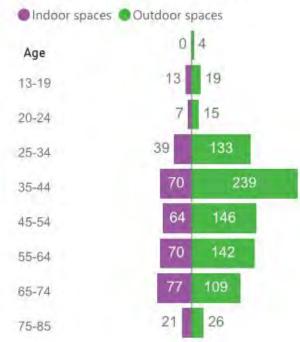




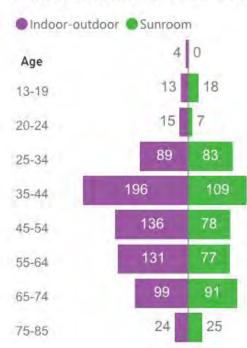








### Indoor-outoor or sunroom



### THIS OR THAT OUTCOMES

This or That

564 566

FDS

This or That

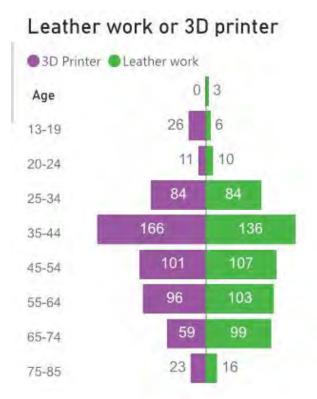
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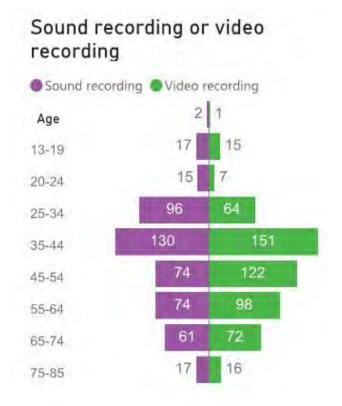
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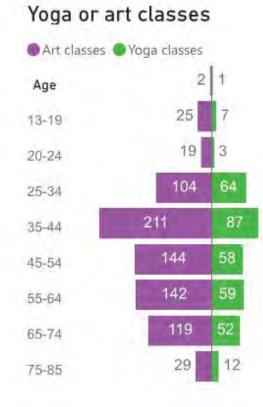












# **FDS**

# THIS OR THAT OUTCOMES

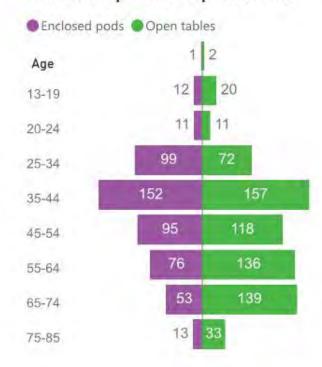
This or That



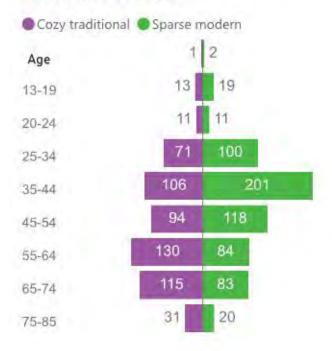
This or That



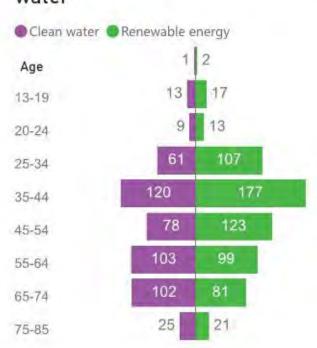
Enclosed pods or open tables



Cozy traditional or sparse modern asthetics



Renewable energy or clean water





# VIRTUAL SURVEY RESULTS

Community Priorities

# **QUESTION:**

"Define your Ideal Library"

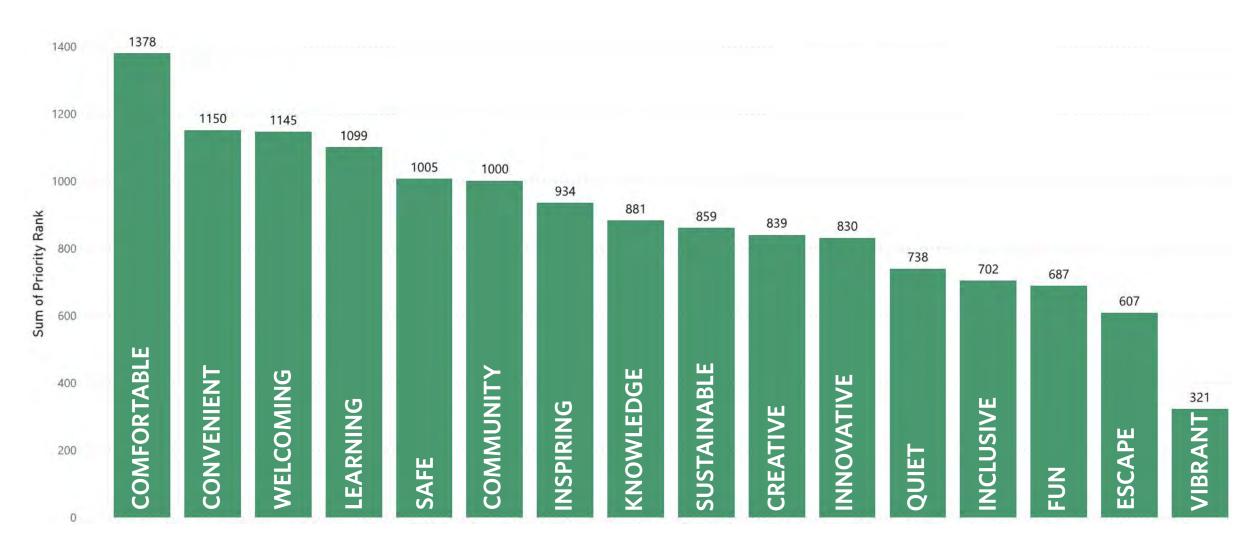
Participants were provided a drop down list of 16 descriptive words and asked to pick their Top 5 priorities and select them in order of priority with #1 being the most important and #5 being the least important.

#### **TAKEAWAYS:**

**TOP 5 RESPONSES:** 

- 1. Comfortable
- 2. Convenient
- 3. Welcoming
- 4. Learning
- 5. Safe

### COMMUNITY PRIORITIES FOR WORDS THAT DESCRIBE THEIR IDEAL LIBRARY



This graph represents the cumulative number of times a word was selected as a top 5 response.



# **QUESTION:**

# Match your top 5 words with a color

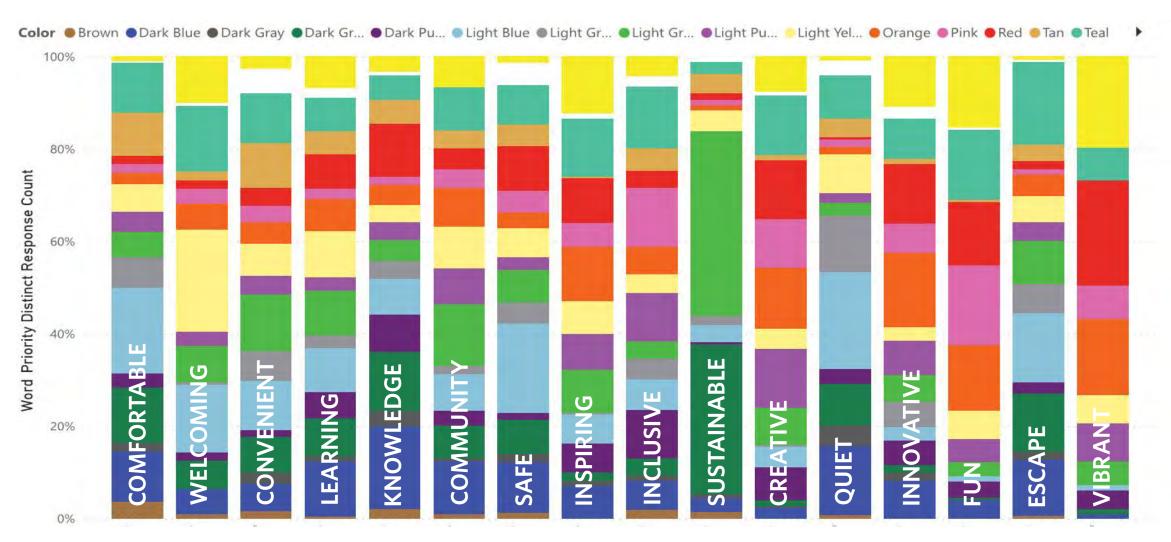
Participants were provided colored blocks and asked to drag their top five words to the color they most associate with that word. There were no wrong answers and this was intended to inform the color palette of the design moving forward.

#### **TAKEAWAYS:**

What we've been able to gather from the responses are color associations based on activities and qualities.

- WARMER, BRIGHTER
   COLORS are associated with
   words like WELCOMING,
   INSPIRING, INNOVATIVE, FUN,
   and VIBRANT.
- COOLER, DARKER COLORS are associated with words like COMFORTABLE, KNOWLEDGE, SAFE, QUIET, and ESCAPE.
- Words such as CONVENIENT, INCLUSIVE, and CREATIVE have a more varied selection which could inform patterns in the design.

# COLOR ASSOCIATIONS FOR WORDS THAT DESCRIBE THEIR IDEAL LIBRARY



# VIRTUAL SURVEY RESULTS

"3 Wishes"

### **QUESTION:**

#### **Congratulations - You just found a genie's magic lamp!**

Forget everything you know about a library — If you had three wishes as to what a community space could provide, what would those be?

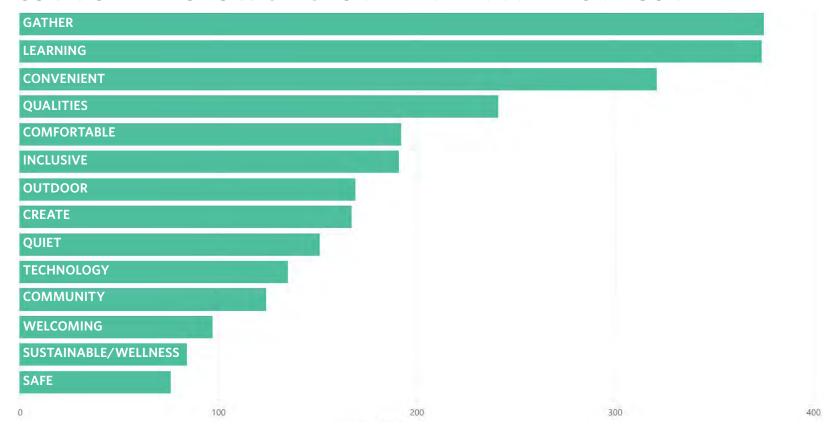
Asking the community to dream big and provide open ended responses allowed us to deepen our understanding of the types of spaces, resources, and qualities that are wanted and expected in this new library destination. Over 3,000 wishes were read and categorized based on common themes.

#### **TAKEAWAYS:**

#### The top three categories that emerged as priorities were:

- The ability to GATHER. Wishes were categorized as gather if they referred to coming together for activities such as lectures, classes that did not include the act of making, events, story time, etc.
- Access to LEARNING. Wishes were considered learning if they referenced topics such as the collection or self-guided learning opportunities.
- The quality of CONVENIENT. Wishes were grouped in convenient if they referenced topics such as amenities for convenience, access and location, or effective wayfinding for ease of finding resources.

#### **COMMUNITY TOP 3 WISHES FOR THEIR LIBRARY BY CATEGORY**



### TOP WORDS THAT EMERGED FROM THE COMMUNITY'S 3 WISHES



#### 3 WISHES - In their words...



# VIRTUAL COMMUNITY ENGAGEMENT MEETINGS

#### **ACTIVITIES**

Each community meeting consisted of an introductory presentation for the whole group and then the participants were divided into breakout groups. In the breakout groups, two activities were completed as described on the right utilizing an interactive platform MURAL to simulate documenting sticky notes as if we were in person.

All of the activity boards are included in the Appendix; a sample is provided in this section.

#### **POLL QUESTIONS**

Between activities, 5 "quick poll" questions were asked for a total of 10 questions.

#### **TAKEAWAYS - ACTIVITIES:**

#### **DREAMING**

Categories of comments for this activity are:

- Learning
- Outdoors
- Gather
- Create
- Qualities

#### **BREAKING DOWN COMMUNITY PRIORITIES**

Categories of comments for this activity are:

- Access
- Location
- Services
- Wayfinding
- Qualities
- Learning
- Connect

# **ACTIVITY 1: Dreaming**

Breakout into groups

#### THINK

Think of features or innovations you have seen, heard, or read about in other libraries that ought to be included in your new library.

#### TELL

- · Share your ideas with the group verbally or in the chat.
- · The facilitator from HDR will write your ideas on sticky notes.

Time: 20 minutes

# **ACTIVITY 2: Breaking Down Community Priorities**

Breakout into groups

#### THINK

What characteristics would make the new destination library be or provide: convenient, welcoming, knowledge?

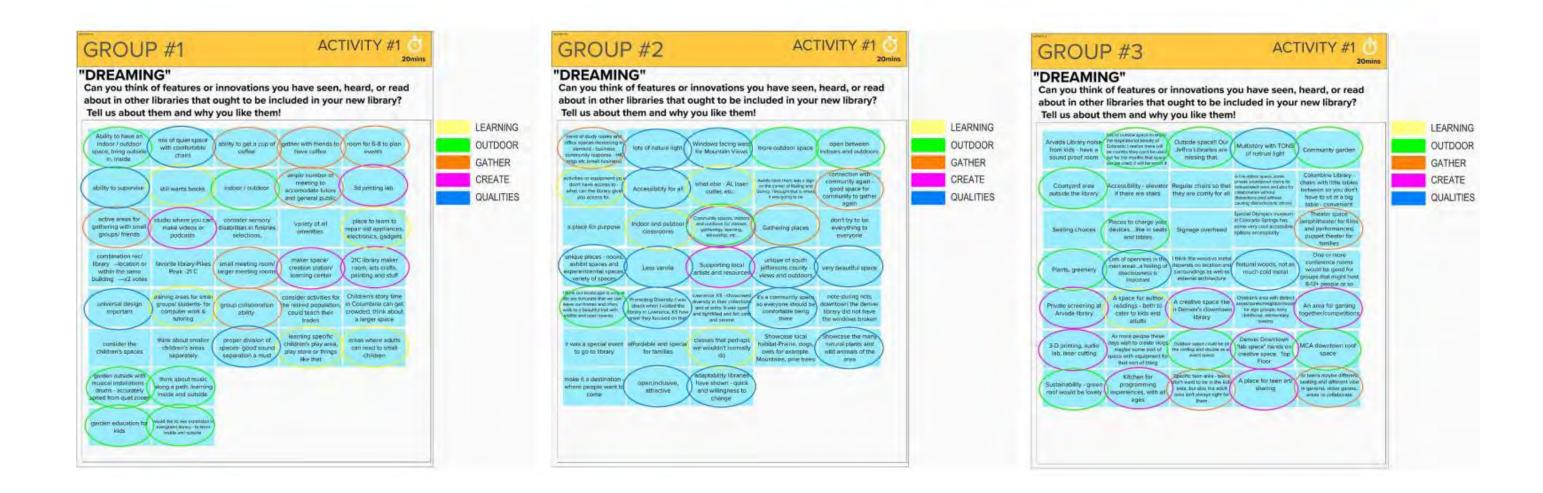
#### TELL

- · Share your ideas with the group verbally or in the chat.
- · The facilitator from HDR will write your ideas on sticky notes.
- The words are the Top 3 priorities from the Virtual Community Engagement Survey.

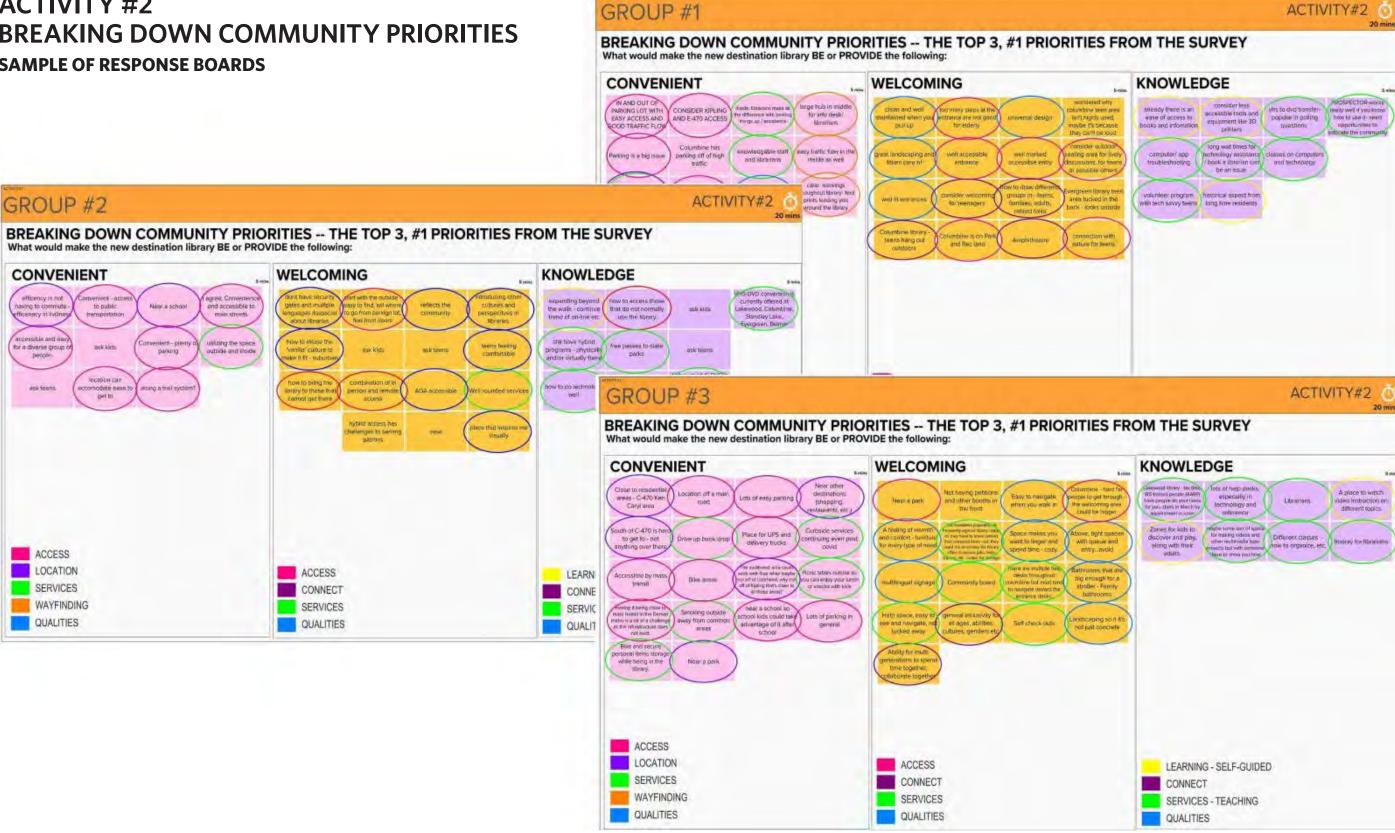
Time: 20 minutes

# FJS

# ACTIVITY #1 - DREAMING SAMPLE OF RESPONSE BOARDS



# **ACTIVITY #2 BREAKING DOWN COMMUNITY PRIORITIES SAMPLE OF RESPONSE BOARDS**





# **POLL QUESTIONS**

Between activities, a series of "quick polls" were asked and the participants voted on their top choice. There were two main questions and each question had 5 subcategories that were polled.

The polls were asked in the Community and Manager's meetings and the results are separated by meeting type. Detailed poll results can be seen in the following pages.

### QUESTION #1: What I like to DO in a library most is...

(For Polls #1-5)

#### **TAKEAWAYS:**

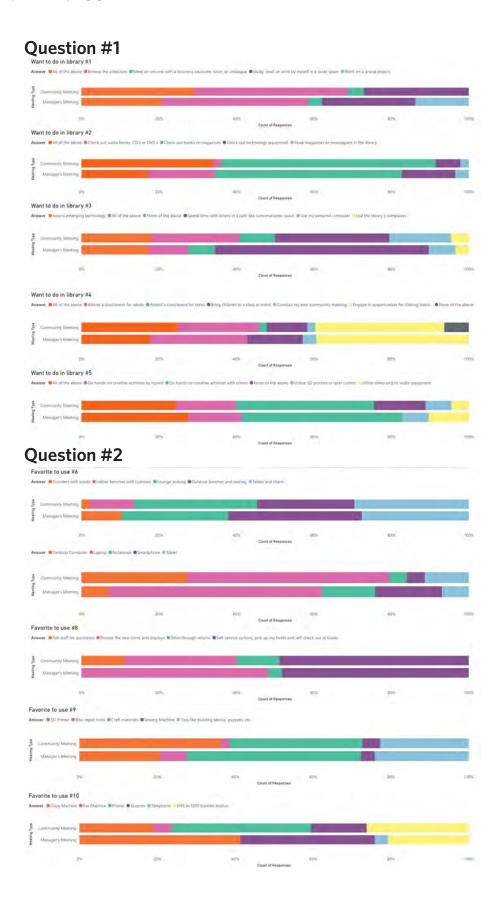
- Browsing the collection was the top choice though there was strong support for all
  of the options provided.
- 2. Checking out books or magazines was the predominant activity selected and supports the community requests for maintaining a collection of media.
- 3. Using a personal computer in a cafe-like conversational space was the popular choice and supports the community wishes we heard.
- 4. Almost everyone selected that they would like to attend a class, event, or meeting, and engage in lifelong learning, echoing the community survey responses.
- 5. Most respondents selected that they would like to participate in some sort of hands-on activities or use technology equipment.

### QUESTION #2: What I like to USE in a library most is...

(For Polls #6-10)

#### **TAKEAWAYS:**

- 6. Responses indicate that people want a variety of seating choices.
- 7. Using a laptop was the top choice, followed by desktop computers.
- 8. Most people want to be able to browse new items and displays and use self service options.
- 9. 3D printers and craft materials were pretty equally selected by the community, similar to the response in the "this or that" exercise in the survey.
- 10. Most community members want to have access to a printer and copier with support for the VHS to DVD transfer stations.

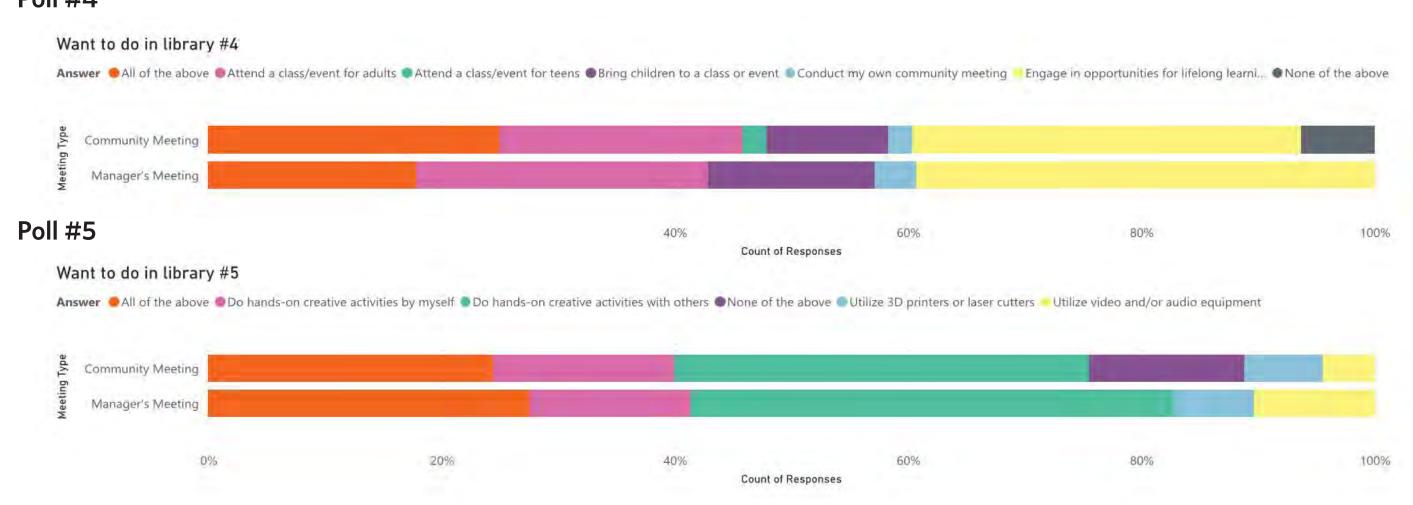


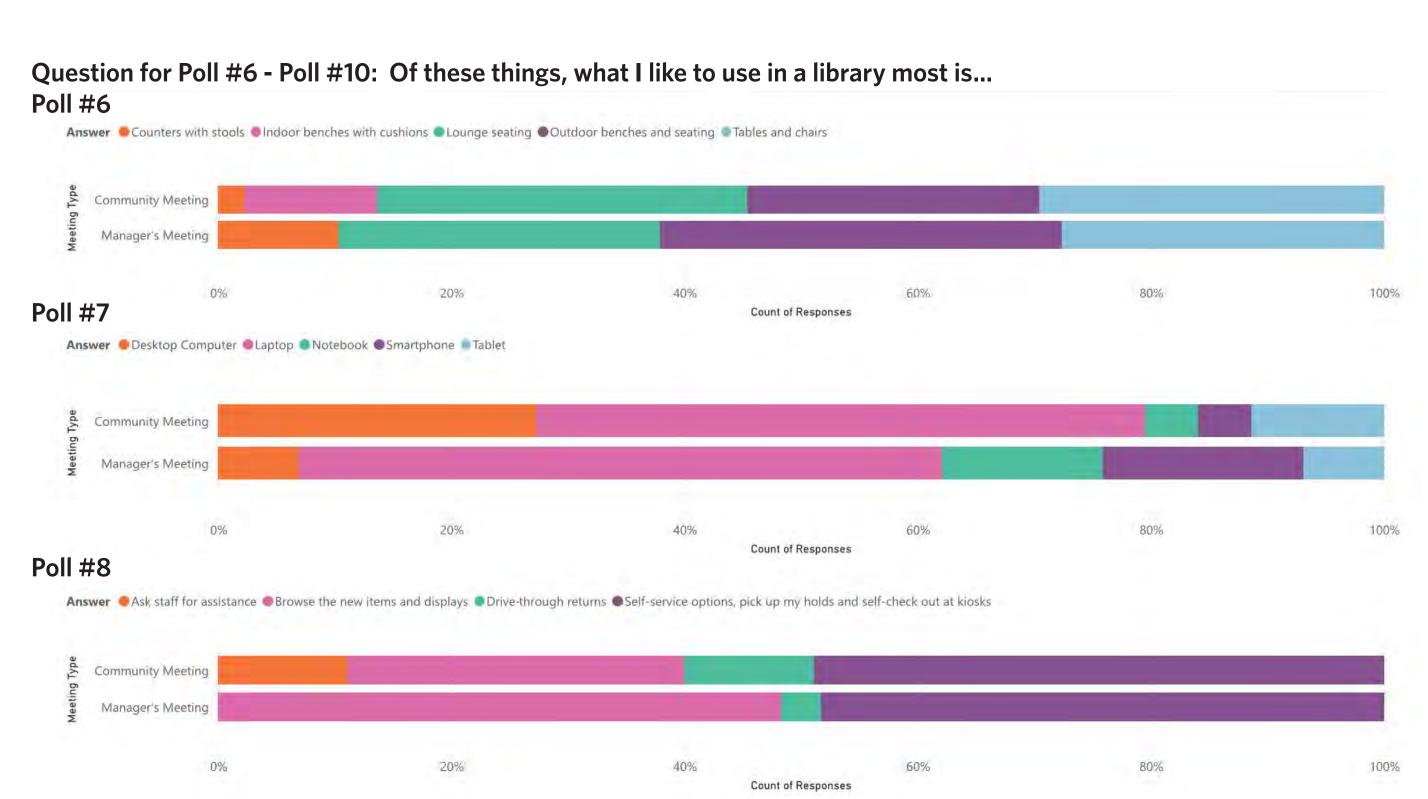
Question for Poll #1 - Poll #5: Of these things, what I like to do in a library most...

# Poll #1



Question for Poll #1 - Poll #5: Of these things, what I like to do in a library most... Poll #4

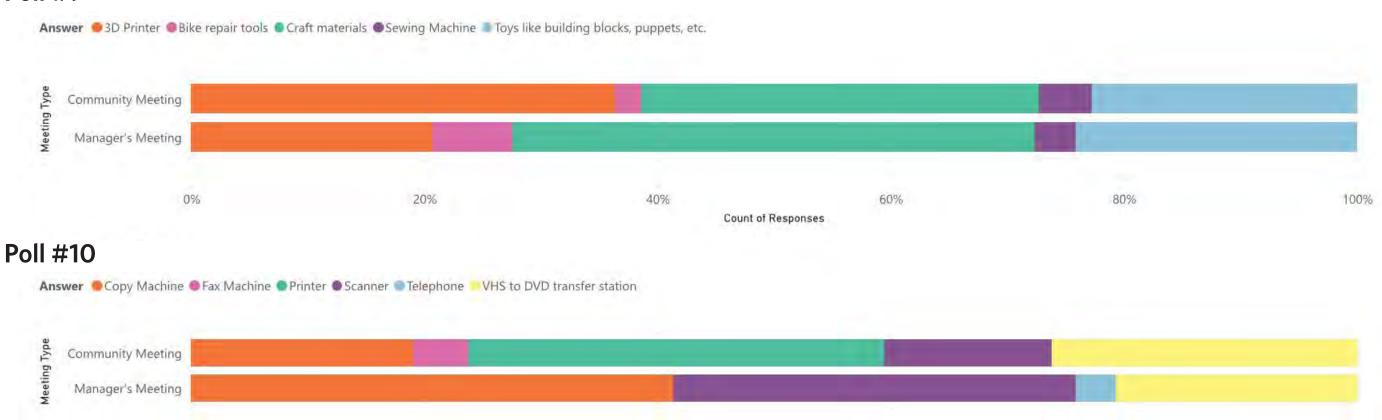




0%

# Question for Poll #6 - Poll #10: Of these things, what I like to use in a library most is... Poll #9

20%



40%

Count of Responses

60%

80%

100%



#### **BOARD OF TRUSTEE MEETING RESULTS**

#### **DEFINING SUCCESS**

success will represent the ability to enjoy the library indoors and outdoors	quantitative increase in library use	try to please everyone	look at the needs of all generations, kids, teens, adults	when everyone is in the picture
adaptability and sustainability	allows us to be sustainable well into the future	place with a purpose	cultural relevance, a place to connect with other cultures and languages	dynamics are important / spaces can change by day
flexible location of walls, books, computers	initially success will look like excitement	project will be on budget	getting it done would be awesome!	finished product reflects community engagement
engagement in survey and input opportunity	opportunities for communication with technology, easy ways to communicate with other communities, countries, patrons	will reflect that the library looks like it's in colorado, context	will have a unique draw to make it a destination	if community input agrees, indoor/ outdoor integration
achieve a balance of many needs	dream big	not to duplicate the feeling of columbine too closely, inspiration yet be unique	fill the absense for a place for events / gathering	

#### **DEFINING ADAPTABLE FOR FUTURE GROWTH**

location can allow for growth around it	consider location proximity to other uses, errands of the community	we do NOT want to complete the library and already feel like we've outgrown it	look to the future while planning	no walls, redefining spaces - activity/ program based
accessibility with technology	consider ability to adapt to health crisis, pandemics, major events to continue service of 3rd place	consider cord and technical detail/ management for flexible spaces	from the start, any space can have more than 1 use	consider how to make the collection mobile, flexibility with stacks
would mixed use with community partners be a path to explore?				

#### **ACTIVITIES**

The Board of Trustees participated in activities focused on the overall goals of the project to meet the needs of the community and promote stewardship of resources for now and generations to come.

# **DEFINING SUCCESS TAKEAWAYS:**

- Indoor / outdoor capability
- Place for large events / gathering
- Flexible / adaptable / dynamic spaces
- Technology rich
- To allow for communication across communities (computers)
- Teleconference (booth or room) with camera, computer, microphone, etc.
- Balance of Needs

# DEFINING ADAPTABLE FOR FUTURE USE TAKEAWAYS:

- All spaces adaptable
- Flexible walls
- Mobile / flexible stacks
- Technology rich
- Universal Accessibility
- Inside/Outside
- Plan for growth

# DEFINING EXPANSION OF SERVICES FOR ALL GENERATIONS TAKEAWAYS:

- Event space / Civic space/ Meeting Space
- Balance Space
- Play / active
- Serious / quiet
- Technology beyond computer stations

#### EXPANSION OF SERVICES FOR ALL GENERATIONS

providing an event space could fill a void	providing opportunities for wellness, collab, with partners (i.e. med community)	wellness could be a feeling when you enter	explore the demographic needs for wellness	play for all generations
balance of play and a place for seriousness	event center could act as public square for gathering of varied ideas, "civil" space	flexibility, allow for research/reading, or other things like listenting to a poet or musician, etc.	include programs for multiple communities and generations	providing a variety of technology, beyond computer stations
portable technologies	provide space for cultural events, presentations, people have to travel now to experience	being unincorporated makes it hard to find a place for common meeting place		

# **GUIDING PRINCIPLES**

Upon analyzing and understanding the information gathered from the survey and engagement meetings, a series of Guiding Principles were developed to inform decisions related to the project moving forward.

Further description of Guiding Principles can be found on the following pages.

**Inspirational** Place for Learning

Community **Gathering** Place

Connection to **Outdoors** 

A Place to **Create** 

Elevating Convenience

**Welcoming** for All

A Model of Flexibility & Adaptability

# **Inspirational Place for Learning**

The library is a still a symbol and center for knowledge for this community and they expressed a desire for an expansion of opportunities for learning ranging from tangible media like books and video, to classes on a multitude of topics, to hands-on learning, and the ability to create, and beyond.

# **Opportunities:**

- Diverse collection of books, media, and resources
- Variety of types of spaces to allow for self-guided learning supported by knowledgeable staff
- Class and workshop space for guided learning, lectures, and creating using analog and digital tools

### **Connection to Outdoors**

While experiencing what the library has to offer, the community strongly desires the ability to choose to be both indoors or outdoors. This ability will increase flexibility in program offerings as well as provide opportunities for relaxation and wellness.

# **Opportunities:**

- Provide visual and actual connections to exterior spaces from within the library; provide areas for seating and study
- Utilize connections to expand upon meeting or event spaces
- Integrate functions such as meditation, sculpture, or nature walk gardens to these spaces

# **Community Gathering Place**

We heard overwhelmingly that there is a need for a place for patrons to gather to make meaningful connections, build community, and share in the intake of knowledge and experiences.

## **Opportunities:**

- Large event space to provide a civic gathering place for events
   that support community and learning
- Meeting and gathering spaces throughout that provide a variety of qualities; active, cafe-like, refuge, promotes concentration, promotes conversation

### **A Place to Create**

The library should provide a pallet of opportunities for creation - providing the ability to do arts & crafts, tinker, 3D printing, or even scientific projects.

### **Opportunities:**

- Creative and technology lab areas that provide the ability to create objects and crafts, learn new tools and skills, and promote life long learning
- Shared maker space areas that include a sound and/or video studio
- Connect these studios to event or meeting spaces to allow for cross-pollination of those uses

# **Elevating Convenience**

Convenience is key when thinking about where this future library will be located, how it will be accessed, how intuitive wayfinding will be, the services it will offer, and more.

# **Opportunities:**

- Provide convenient options for pick-up and drop off such as drive-up returns and possibly pick-up
- Select a location that is easily accessible by multiple modes of transit and along popular transportation routes
- Provide effective directional signage, digital tools, and organization to allow for ease of navigating within the library

# **Welcoming for all**

The library should be an environment that is inclusive, comfortable for a multitude of activities from quiet reading to noisy/messy exploration, and should provide an overall sense of place that makes people want to stay and keep coming back.

## **Opportunities:**

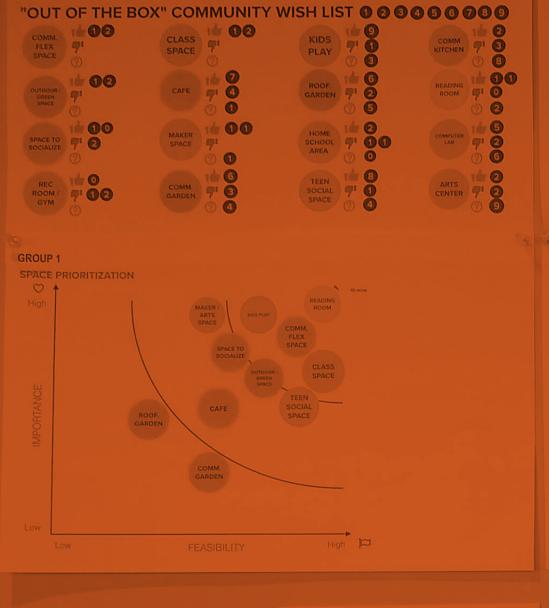
- Provide programming and spaces that promote inclusivity for all abilities and a variety of cultures
- Varied seating and spaces to support differing ideas of comfort
- Develop a sense of warmth, openness, and light filled spaces

# A model of Flexibility & Adaptability

Prioritizing flexibility and adaptability will result in a sustainable building that is a steward of resources, allows for the ability to respond to future health related restrictions, and provide a community building that will support future generations.

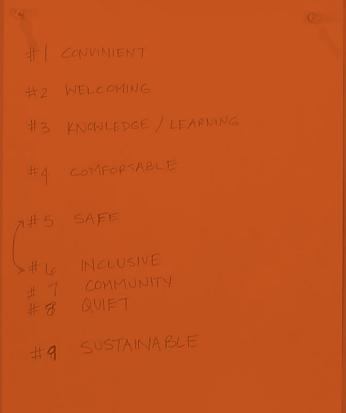
# **Opportunities:**

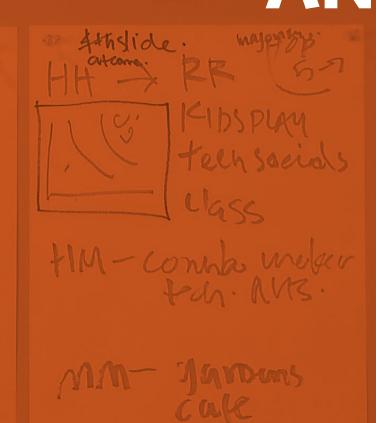
- Provide spaces and furnishings that are flexible, can be divided or relocated, and support multiple functions everywhere it is feasible
- Utilize materials, systems, and products that are long lasting, sustainable, energy efficient or regenerative, and require minimal maintenance
- Plan for growth and evolving needs of the community

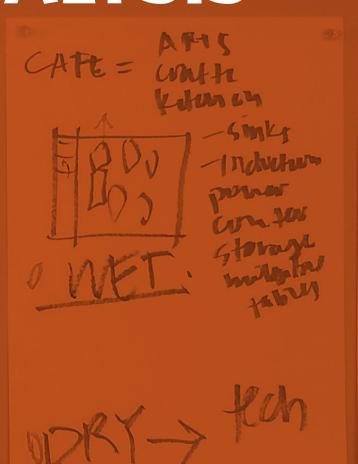












# "The only thing you need to know, is the location of the library"

Albert Einstein

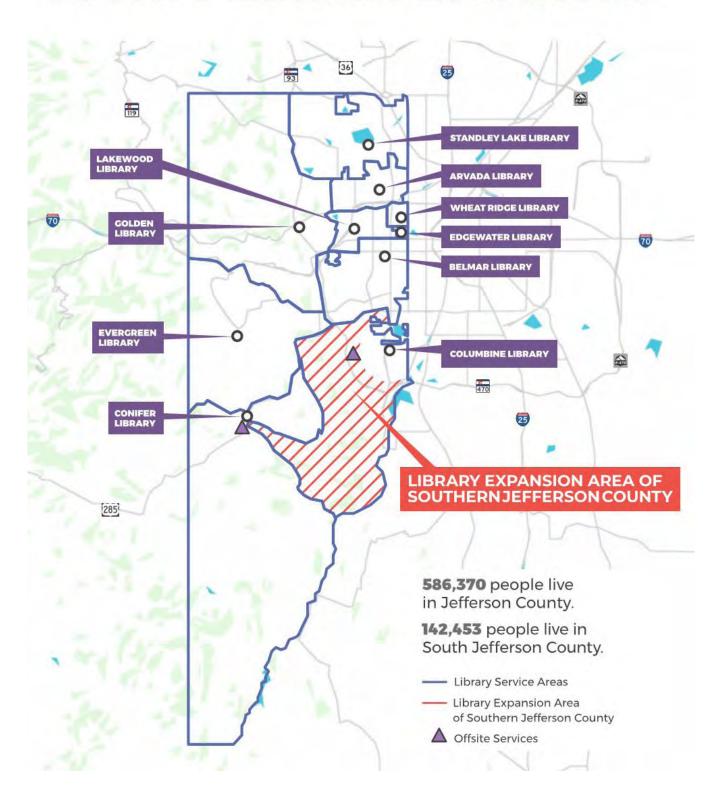
# VIRTUAL SURVEY INPUT

# THE LOCATION AND SITE OF THE FUTURE LIBRARY DESTINATION IS UNKNOWN.

Jefferson County Public Library has extensive demographic information related to Jefferson County and identified the southern portion of the County as the region to locate the future library. The purpose of the community engagement process was to supplement and inform JCPL on the needs and wants of the community related to location and potential sites. The survey asked several questions related to current travel trends and what makes a good library location.

The map to the right indicates where current JCPL libraries are located and the targeted expansion areas for the new library.

# **COUNTY LIBRARY LOCATIONS**



# VIRTUAL SURVEY INPUT

# **QUESTION:**

What would make you go to a library more often?

#### **TAKEAWAYS:**

- Convenient access was the primary factor that would make respondents frequent a library more often.
- "Other" responses predominantly focused on extended or more convenient hours, activities, and programs, and the limitations due to the COVID-19 health orders.

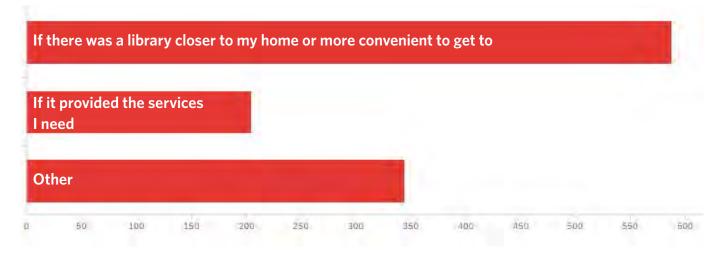
# **QUESTION:**

What would make a good library location?

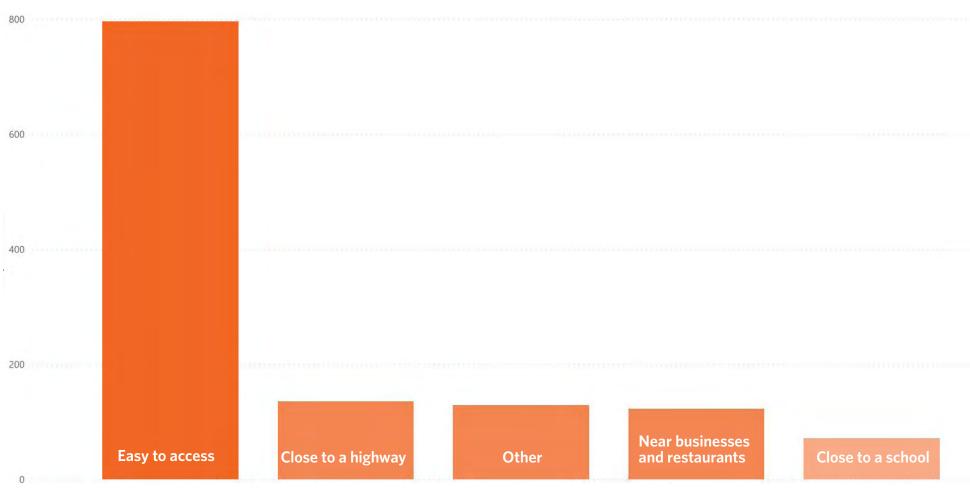
#### **TAKEAWAYS:**

 Convenient access was the primary factor by a wide margin.

#### QUESTION: What would make you go to the library more often?



#### QUESTION: What would make a good library location?



# COMMUNITY RESPONSE TO WHERE THEY CURRENTLY GO

#### **HEAT MAPS:**

To understand where the community is already going for various functions, participants were asked: Where do you currently go shopping?; Where do you generally interact with school(s)?; Where do you attend religious functions?; and Where do you generally attend places of entertainment?

Each person was asked to click on the maps provided to indicate these locations and the heat maps on the following places were generated.

The following maps are layered from 1 -4 to show the overlay of combined functions.

#### Where people go to/for...

MAP 1: School

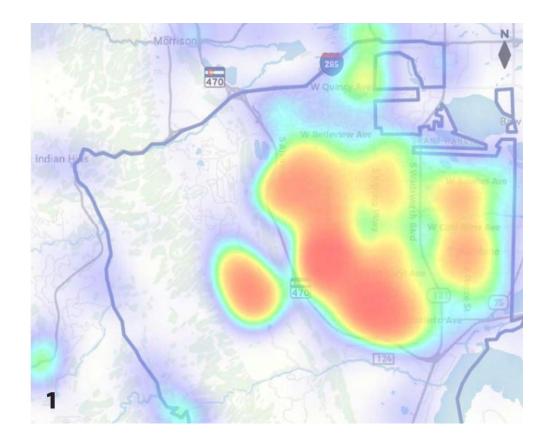
MAP 2: School + Religious Functions

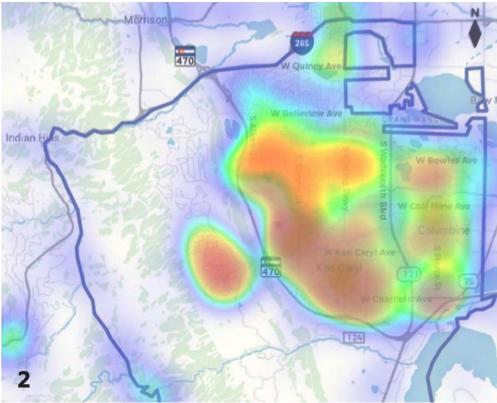
MAP 3: School + Religious Functions + Entertainment

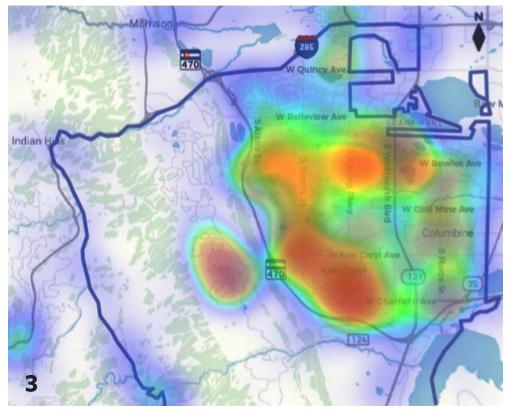
MAP 4: School + Religious Functions + Entertainment + Shopping

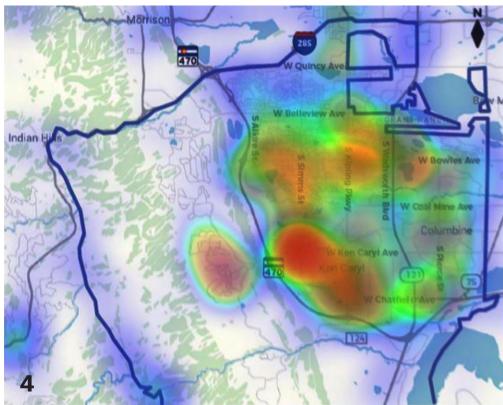
#### **TAKEAWAYS:**

High concentrations of people are attending multiple functions within the boundaries of W Bowles Ave, S Wadsworth Blvd., and C-470.







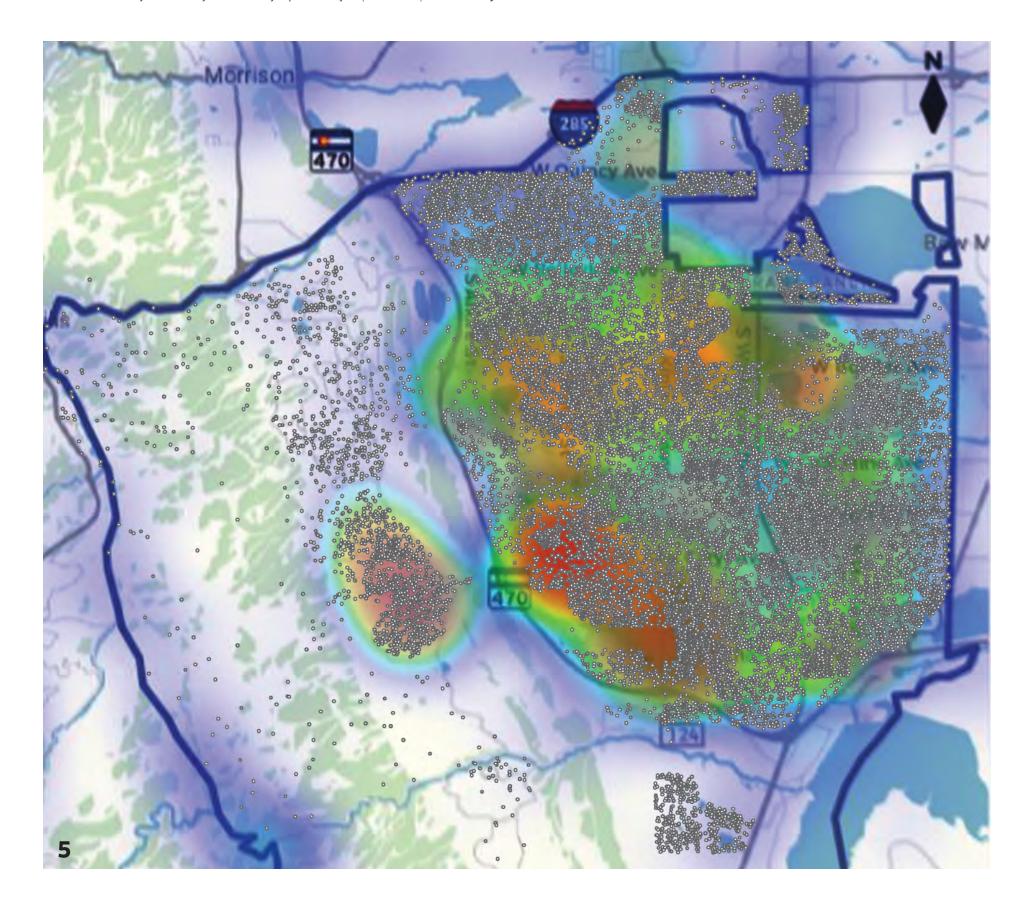


# HEAT MAPS WITH POPULATION DENSITY

To better understand where the population corresponds with the destinations indicated in the survey, HDR overlaid population density.

MAP 5: Where People Go to School + Religious Functions + Entertainment + Shopping + Population Density

1 DOT = 5 PERSONS PER ACRE 2010 CENSUS DATA

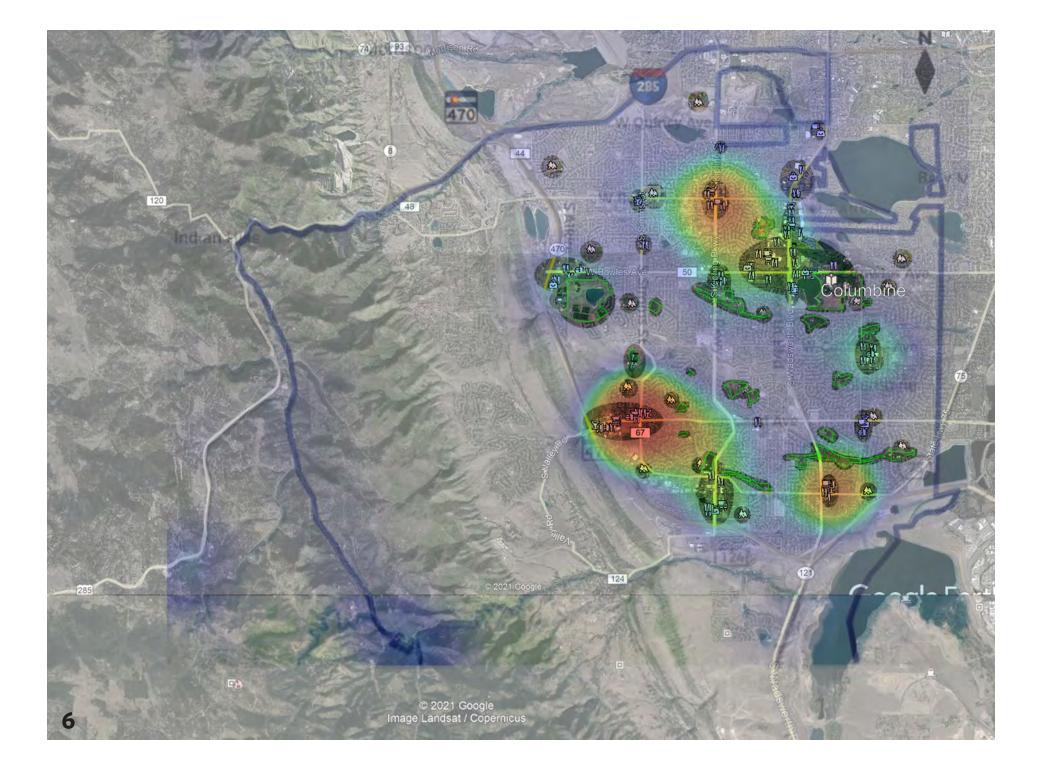


# FJS

# HEAT MAPS WITH ADJACENT AMENITIES

The map to the right shows the context of the amenities that are located within the "hot zones" shown in the heat maps.

MAP 6: JCPL Library Locations + School Locations + Shop / Dining Locations + Parks & Recreation Sites



# **ENVIRONMENTAL** & SOCIAL ANALYSIS

#### **FLOOD ZONE DATA:**

#### **TAKEAWAYS:**

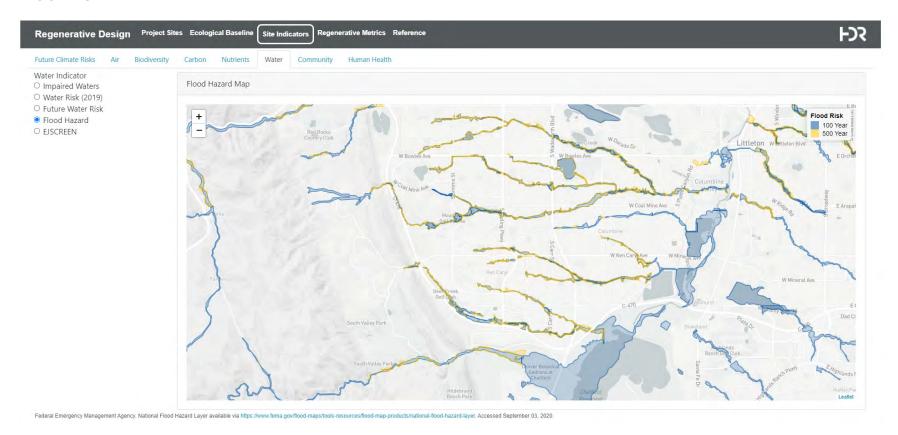
Locations within the 100 year flood zone are limited though it should be considered when reviewing potential sites.

## **AIR QUALITY DATA:**

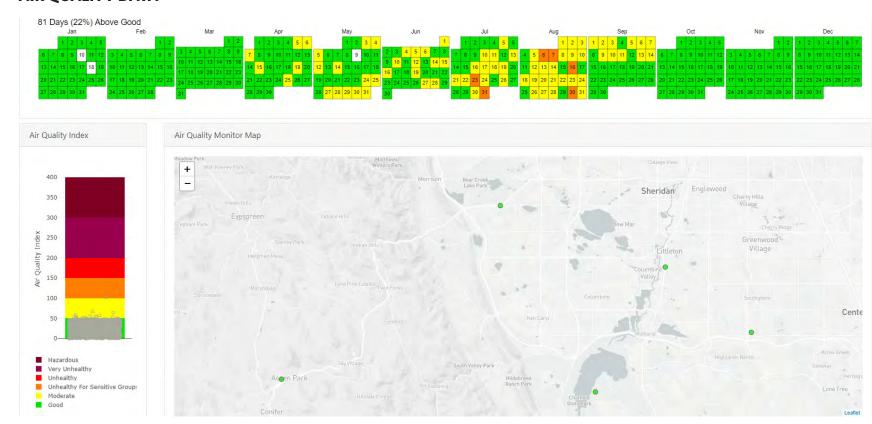
#### **TAKEAWAYS:**

South Jefferson County has relatively good air quality with the days of Moderate to Unhealthy for Sensitive Groups aligning with fire season. This is something to consider when designing spaces that are outdoors or have connections to outdoors.

#### **FLOOD ZONE DATA**



#### **AIR QUALITY DATA**



## **FD3**

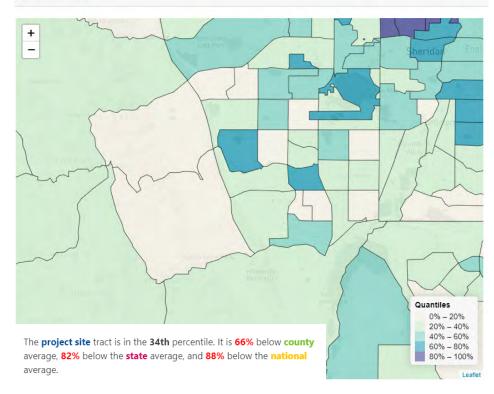
# SOCIAL ANALYSIS OF CENSUS TRACTS IN SOUTH JEFFERSON COUNTY

#### **TAKEAWAYS:**

- Census tract data within South Jefferson County targeted expansion area indicate there are areas with limited resources such as income and internet access.
- Families with children are spread throughout, with the highest percentage population living in the Northeast and Southeast area.
- There are areas with high populations of people over the age of 65.
- Persons that speak English "less well" are also spread throughout the targeted expansion area.

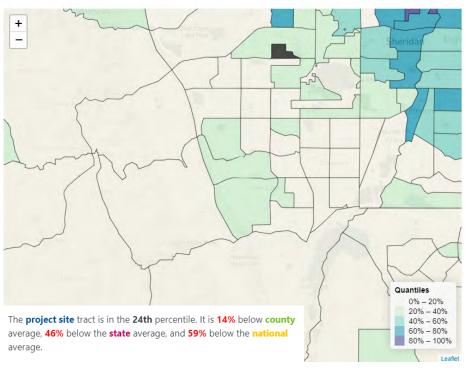
PERSONS OVER THE AGE OF 5 THAT SPEAK ENGLISH "LESS WELL"

Census Tract Map



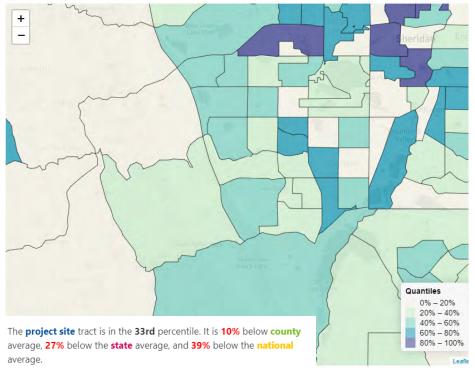
#### PERSONS BELOW THE POVERTY LEVEL

Census Tract Map



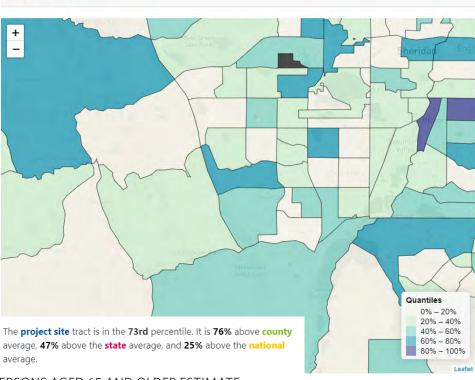
#### SINGLE FAMILY HOUSEHOLDS WITH CHILDREN UNDER AGE OF 18

Census Tract Map



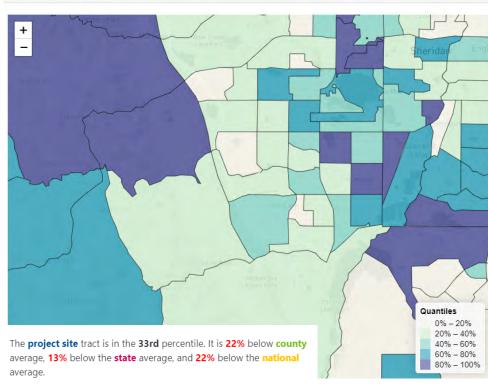
#### HOUSEHOLDS WITHOUT INTERNET ACCESS

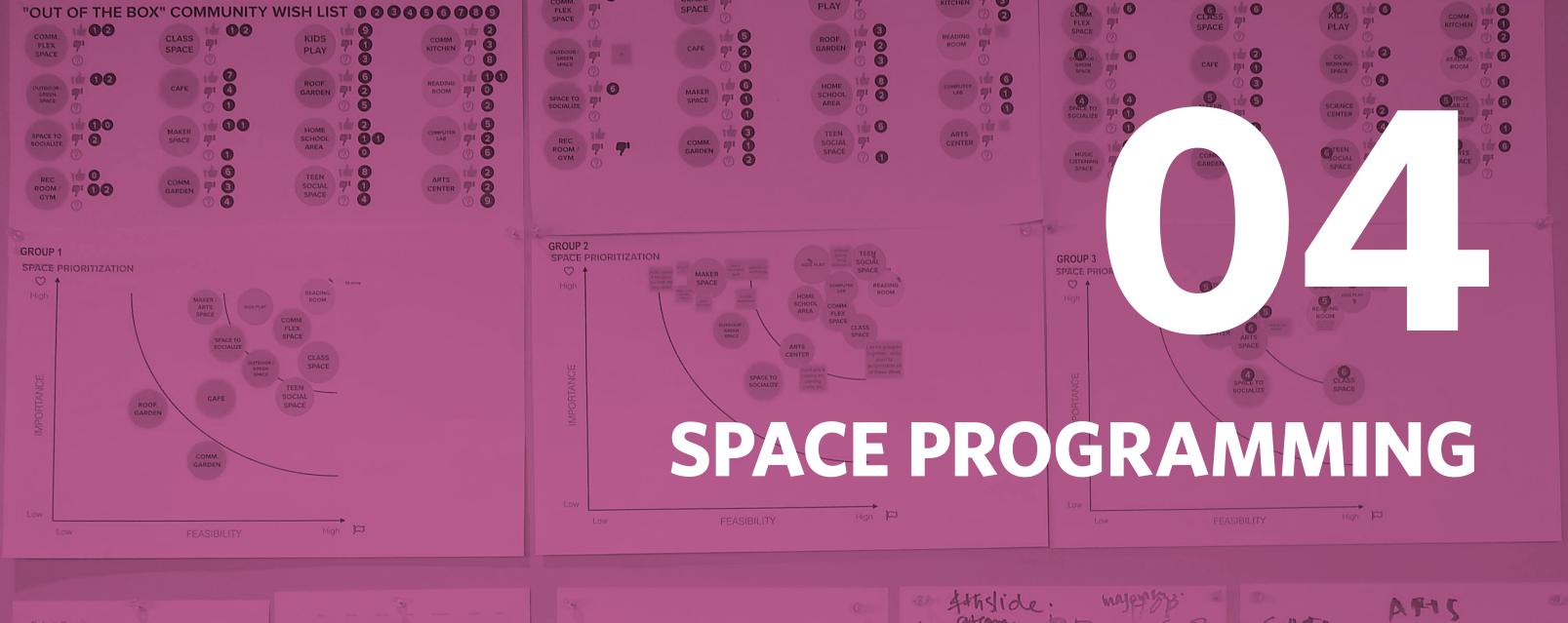
Census Tract Map

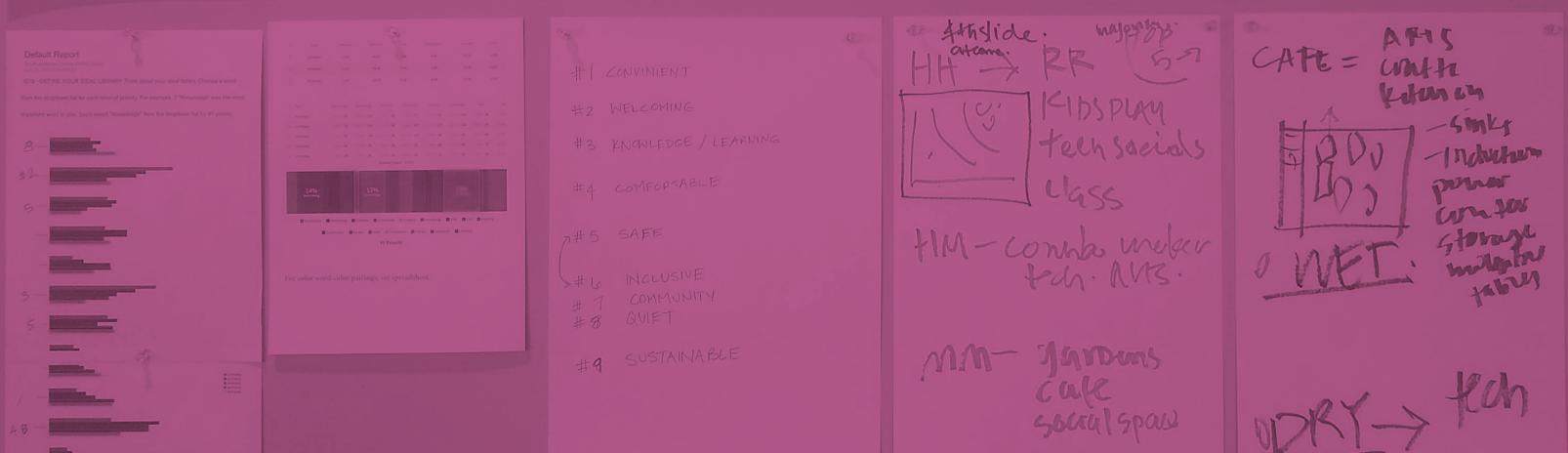


#### PERSONS AGED 65 AND OLDER ESTIMATE

Census Tract Map







"The most dangerous phrase in the language is 'We've always done it this way."

— Grace Hopper

## PROGRAMMING SUMMARY

Developing the building space program is an important piece to the puzzle of finding the right site and providing a building that will meet the needs of the community.

To develop the building program, HDR worked with the JCPL Managers and Directors team to synthesize the feedback from the community and evaluate additional layers of feasibility related to cost and operations.

A quantitative Space Program was developed and included in this section. It considered the types of spaces and square footages required per person that each space will serve as well as an estimated collections count.

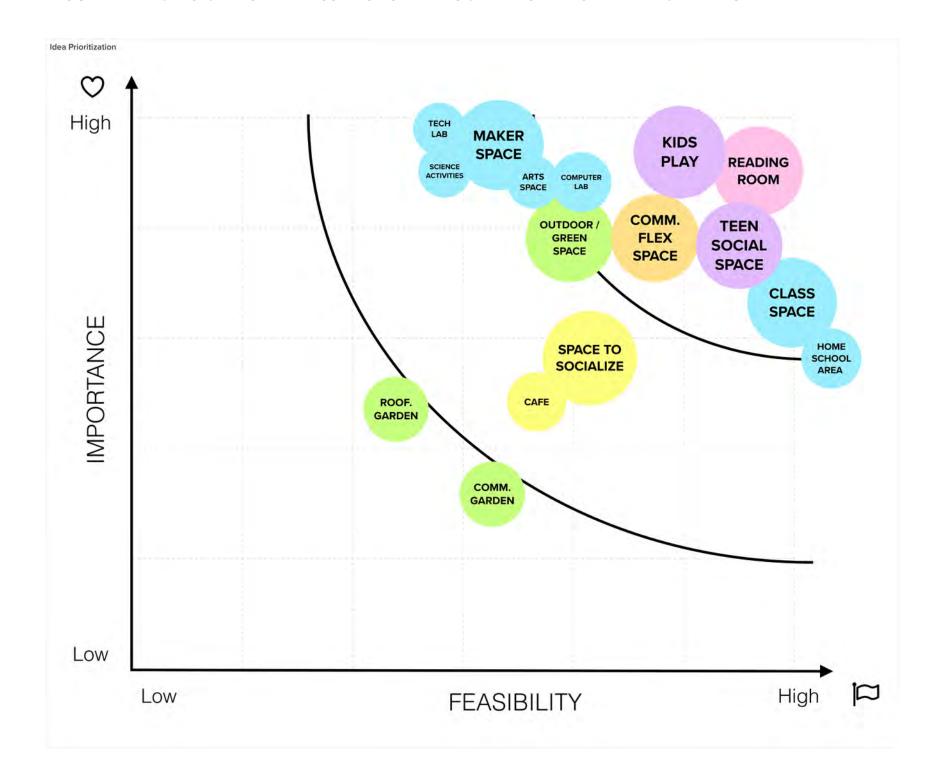
## **Programming Process:**

#### **TAKEAWAYS:**

The graph to the right reflects the types of spaces that were requested in the survey and community meetings and they were evaluated based on:

- Frequency of community requests
- Feasibility that a building or site will provide the ability
- $\circ$  Operational cost and functionality  $\,$

#### PROGRAMMED SPACES BEYOND THE COLLECTION EXERCISE - IMPORTANCE AND FEASIBILITY GRAPH





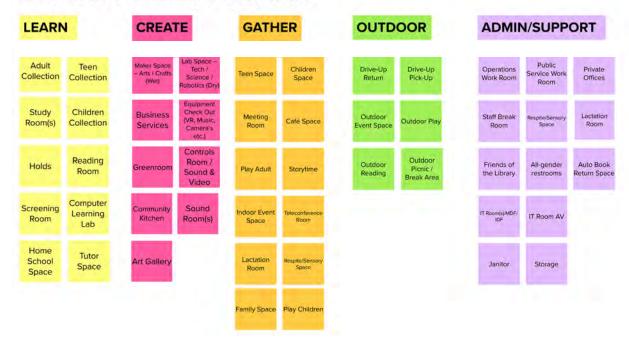
## **PROGRAMMING**

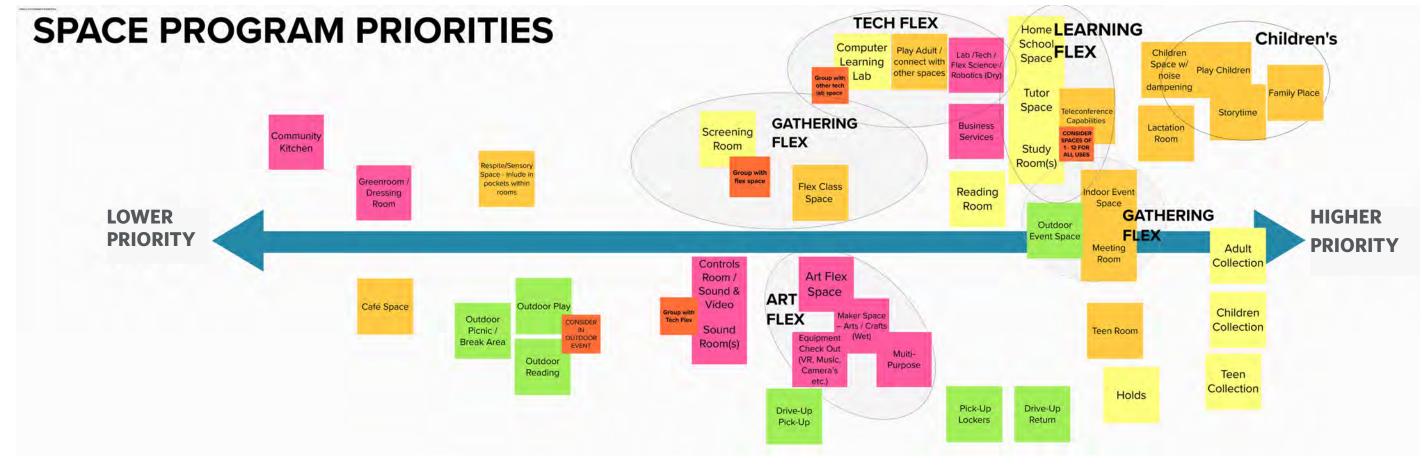
Upon completing the first round of high-level space program prioritization, the project team broke the list down further to include the types of spaces that would create the larger space types. They were evaluated similarly based on community priority, cost, and operational feasibility.

#### **TAKEAWAYS:**

- Some spaces can be clustered or combined to provide support and efficiency
- All of these spaces are being considered in the Program and these rankings will assist in priortizing based on the available building sites and project budget
- It is a higher priority to provide places to consume knowledge and for the community to gather and create.

## **SPACE PROGRAM LIST**







JCPL South County Expansion	CON	CEPT PROGRAM	AREA	NAME OF THE OWNER OWNER OF THE OWNER O
Program Summary	VISION	SUITABLE	MINIMUM	NOTES
Lobby	2,110	2,110	2,110	Refer to appendix
Flex Space - Gather	13,700	8,270	5,350	VISION: Event space for 500 with tables and chairs. Flex multi-purpose room for 225 includes larger kitchen for programming, cafe space with self service and support spaces. Indoor/outdoor space. SUITABLE: Event space for 500 with individual seating/standing space. Flex multi-purpose room for 200 and cafe space with self service and support spaces. Indoor/outdoor space. MINIMUM: Event space for 300 with individual seating/standing space. Flex multi-purpose room for 150 and support spaces. Indoor/outdoor space.
Flex Space - Create	2,315	1,595	835	VISION: DefinedTech Lab for multiple uses, Create Lab for multiple Uses, Digital Media Studio (video & sound recording) and support spaces.  SUITABLE: Combined Tech and Create Lab that can be divided into separate spaces. Digital Media Studio (video & sound recording) and support spaces.  MINIMUM: Combined Tech and Create Lab that is not divisible. Digital Media Studio, (sound recording space).
Flex Space - Learning	2,640	2,110	1,720	VISION/SUITABLE: Includes Quiet Reading Room, Study/Small Gathering Rooms, Respite Area with study rooms that can be dispursed amongst various areas. Vary in sizes.  MINIMUM: Quiet Reading room, Study/Small Gathering Rooms with one study area dispersed in Children's. Vary in sizes.
Children Area (incl. collection)	4,735	4,220	3,812	Refer to appendix
Teen Services (incl. collection)	760	740	600	Refer to appendix
Adult Services (incl. collection)	5,100	5,070	5,080	Refer to appendix
Reference Services (incl. collection)	1,090	910	750	Refer to appendix
Periodicals & Media Services (incl. collection)	990	930	870	Refer to appendix
Computer & Business Center	1,150	1,040	880	VISION: 28 computer stations SUITABLE: 24 computer stations MINIMUM: 20 computer stations
Operations Staff / Circ Work room	1,080	1,080	1,080	Refer to appendix
Public Service Staff / Admin	1,480	1,480	1,480	Refer to appendix
Information Technology	425	425	425	Refer to appendix
Staff Support	860	860	860	Refer to appendix
Subtotal: Assigned Area	38,435	30,840	25,852	
Unassigned Area	27%	27%	27%	Depending on selected building or site, assuming between 25%-30%.
Subtotal: Unassigned Area	10,377	8,327	6,980	
Total Gross Area	48,812	39,167	32,832	

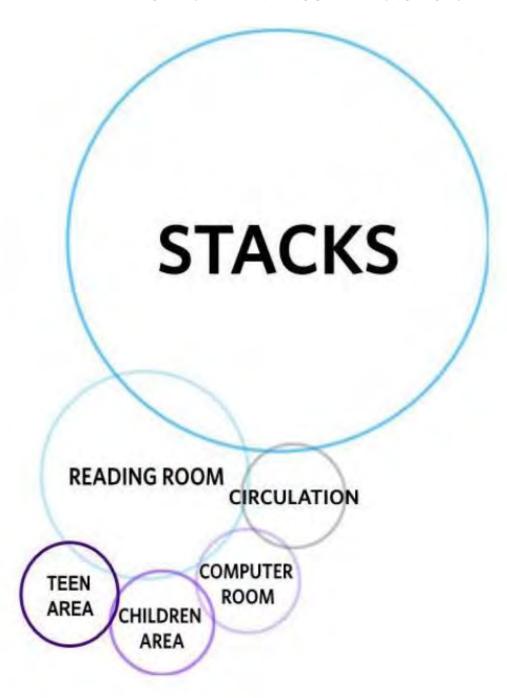
## **ADJACENCY DIAGRAMS**

During the development of this space program, it has been determined throughout the community engagement process that the future library destination in Jefferson County will provide an expanded program of services and offerings beyond what is typically considered. To support the quantitative space program, the following adjacency diagrams were developed. The purpose of the diagrams is to provide direction on relationships between functions. It is intended that as sites are evaluated for the future building, these diagrams can inform test fits and future design efforts.

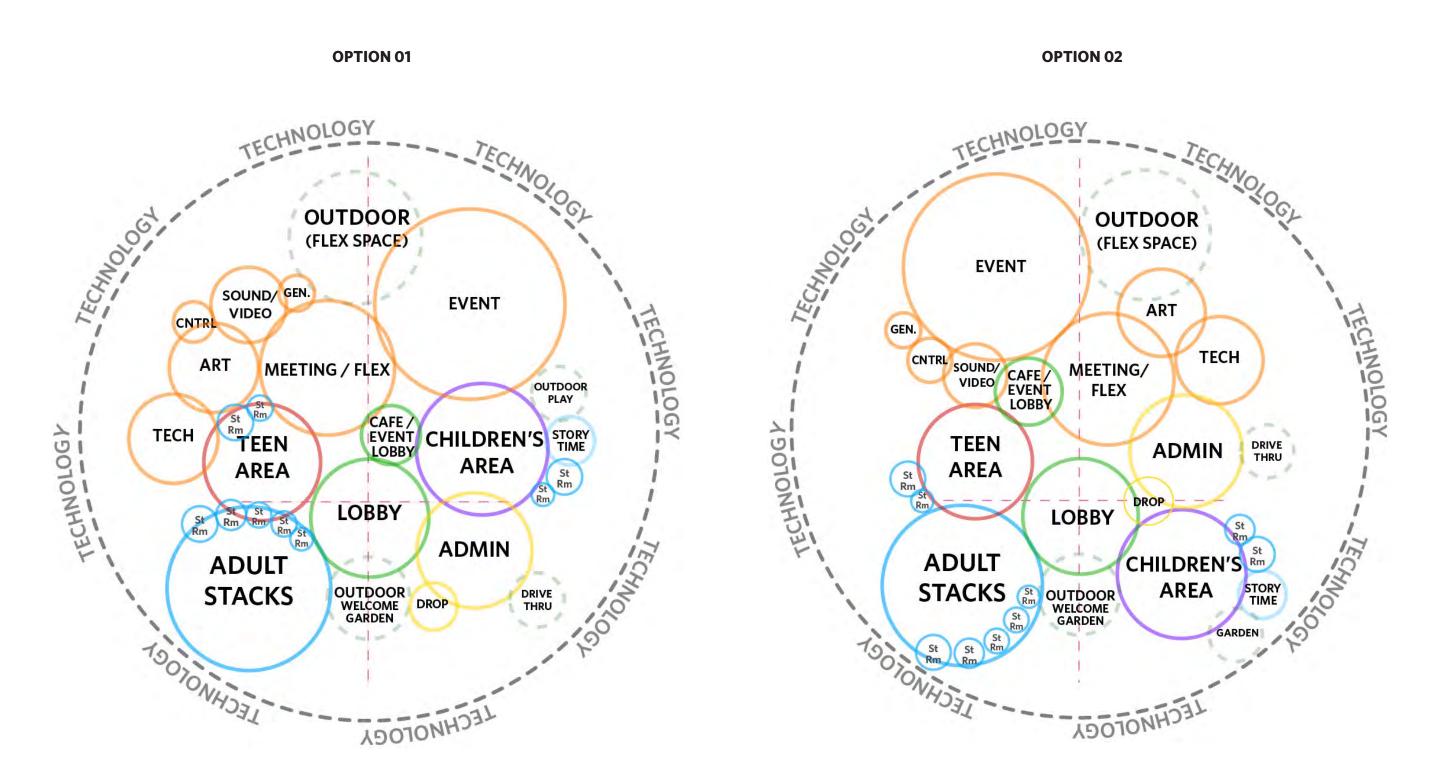
#### **TAKEAWAYS:**

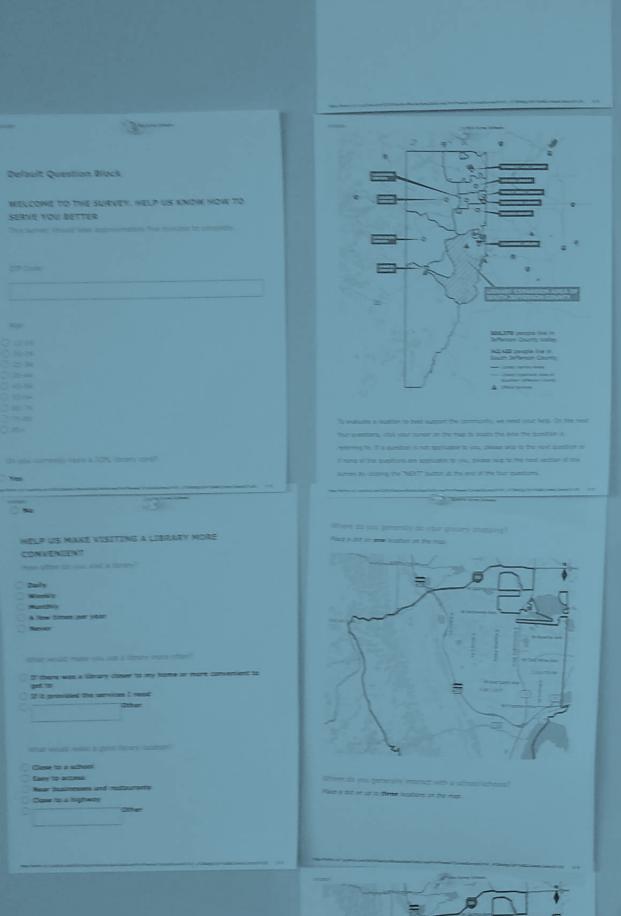
- Some spaces can be clustered or combined to provide support and efficiency Meeting and Flex Space, Event and Outdoor spaces, and Create spaces.
- Provide convenient access to drop off and pick up locations with adjacencies to the main lobby and admin spaces.
- Create adjacencies that provide adequate lines of site for service and safety purposes.
- Disperse study areas amongst adult, teen, and children's areas.
- Consider combining functions such as a cafe-like space with the pre-event lobby near the meeting or event spaces.

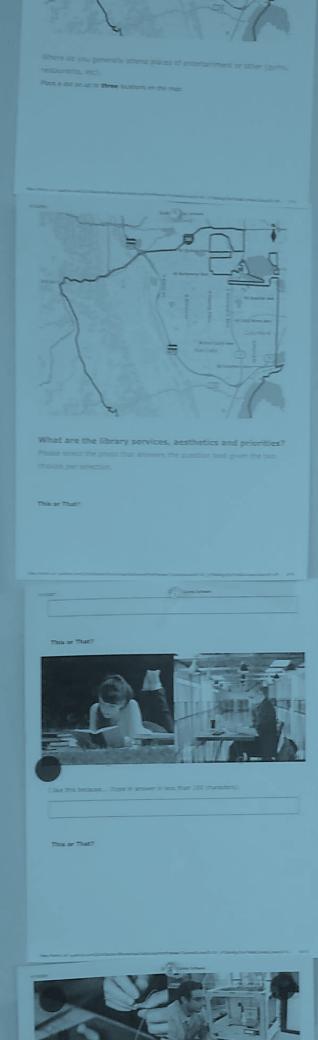
#### **EXAMPLE OF PAST LIBRARY PROGRAM ADJACENCIES**

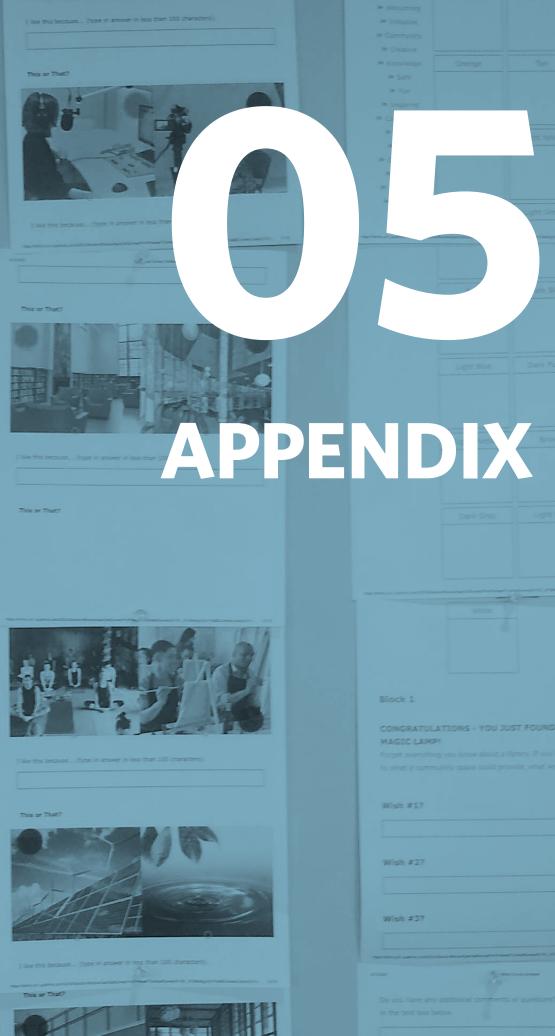


## **EXAMPLES OF FUTURE LIBRARY PROGRAM ADJACENCIES**

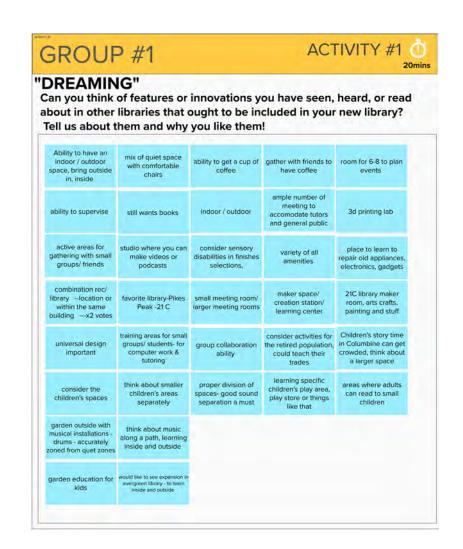








## **COMMUNITY ENGAGEMENT MEETINGS — ACTIVITY BOARDS**

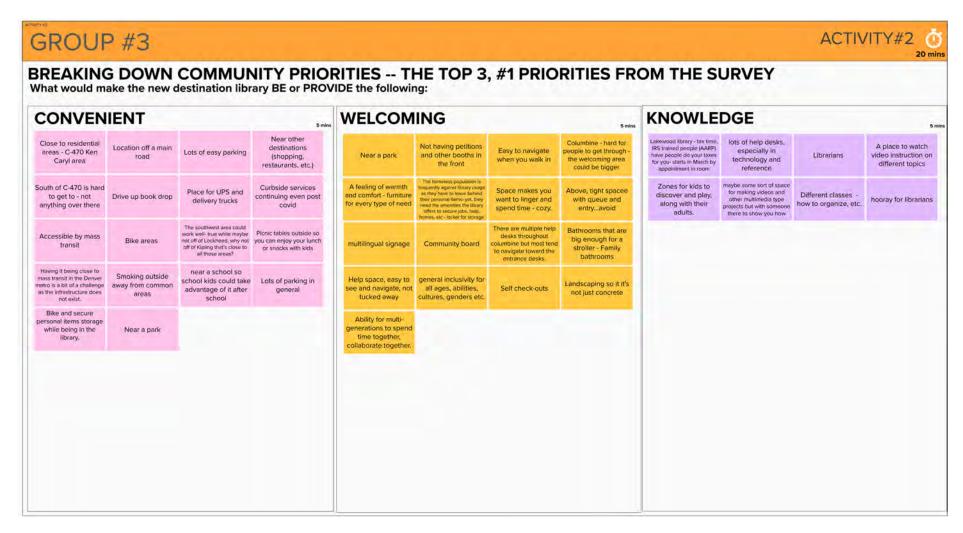




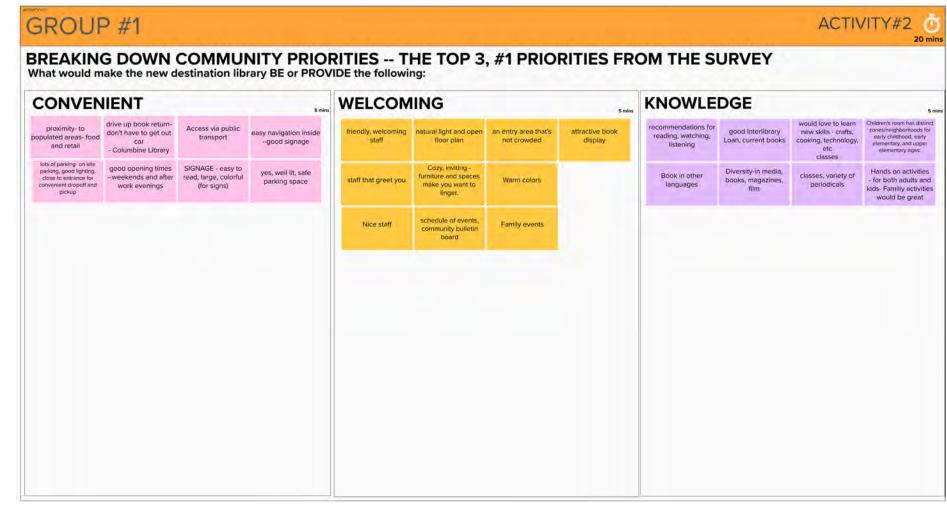


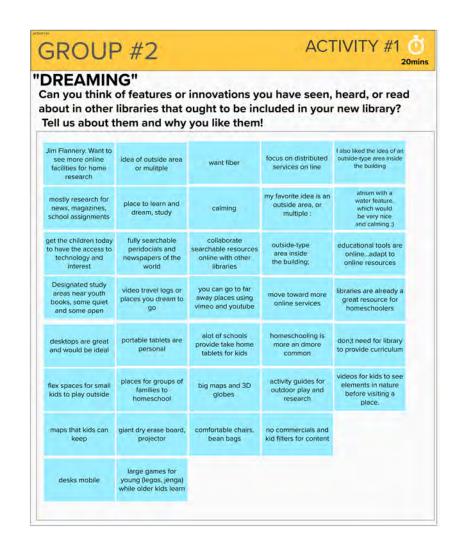










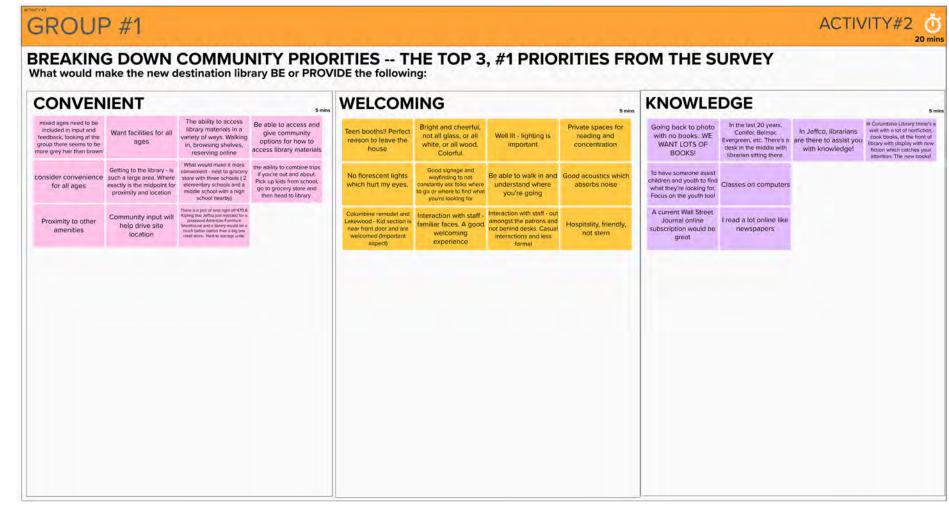




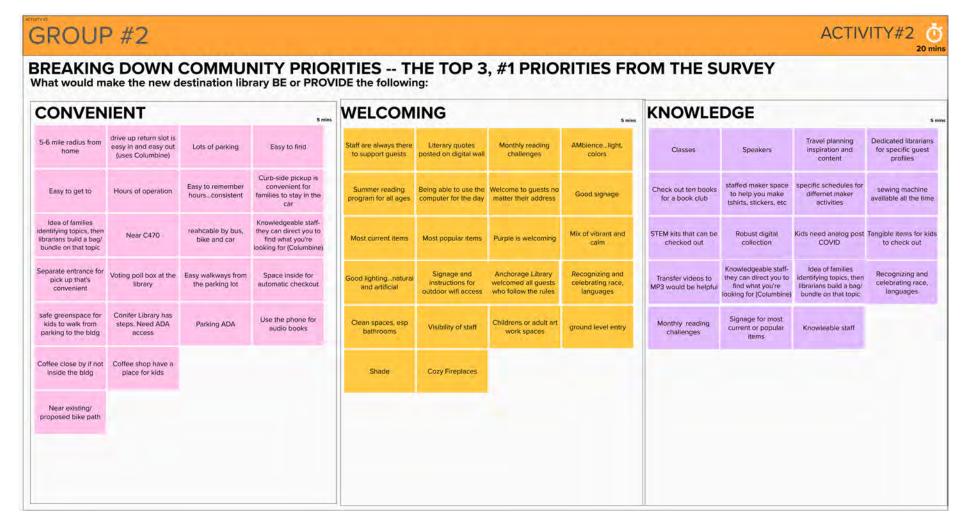






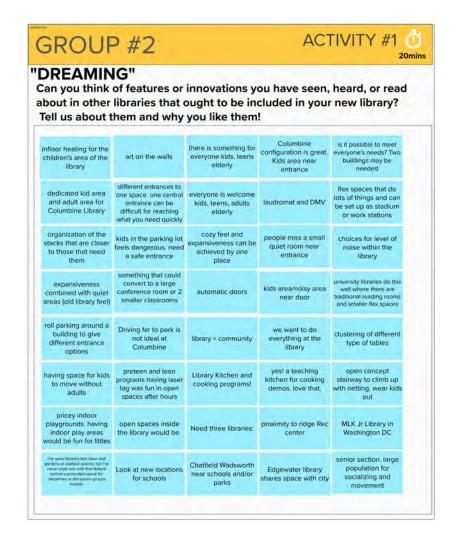














## **BUILDING SPACE PROGRAM — SPACE BREAKDOWN**



LOBBY ASS	IGNED ARE	AS					VISIO	N	3	SUITAB	LE		MINIMU	М
Area (MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area
1,820	1,820	1,820	Traffic Dispersal &	k Display										
			Special use:	Entry Lobby including		24	50	1,200	24	50	1,200	24	50	1,200
				Vestibule		1	200	200	1	200	200	1	200	200
				Stroller Storage		2	20	40	2	20	40	2	20	40
				Power Wall		1	50	50	1	50	50	1	50	50
				Kiosks	Y	4	25	100	4	25	100	4	25	100
				Books on hold		20	12	230	20	12	230	20	12	230
290	290	290	Main Service Point	t										
			Staffing:	Information desk for two	Y	1	190	190	1	190	190	1	190	190
			Special use:	Cash register	Y	1	25	25	1	25	25	1	25	25
				Lost & found		1	25	25	1	25	25	1	25	25
				Laptop Check out	Y	1	50	50	1	50	50	1	50	50
2,110	2,110	2,110	Total Lobby / Pu	ıblic Assigned Area										



LEX - GA	THER						VISION	9 23		SUITABLE			MINIMU	M
Area MINIMUM)	Area	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Are
2,250	3,650	7,700	<b>Event Space</b>		Y	500	15	7,500	500	7	3,500	300	7	2,100
			Storage / AV Sup	port		1	200	200	1	150	150	1	150	150
2,450	3,200	3,680	Meeting/Program Room											
			Class, meeting, film watching	Main room with dividers	Υ	225	15	3,380	200	15	3,000	150	15	2,250
			Special use:	Video booth / control room	Y	1	150	150	1	100	100	1	100	100
			Stage / speaker are	a Mobile	Y	1	150	150	1	100	100	1	100	100
200	400	600	Table, chair & media sto	rage room  Qty. is # of separate storage rooms or areas		3	200	600	2	200	400	1	200	200
70	70	120	Kitchenette	VISION kitchen larger to allow for programming such as classes		1	120	120	1	70	70	1	70	70
80	100	150	Meeting room lobby (inc	:. in pathways)										
			Special use:	Meeting room lobby		1	150	150	1	100	100	1	80	80
0	400	700	Café Space											
			Seating:	Seats @ 2-place table	Y	8	50	400	4	50	200	0	50	0
				Booth Seating	Y	4	50	200	2	50	100	0	50	0
				Self Serive Area / Vending machines	Y	1	100	100	1	100	100	0	100	0
300	450	750	Flex Space Indoor/Outd	oor										
				Assuming space will be occupied and enclosed - potentially can be combined with Even or meeting rooms	Υ	50	15	750	30	15	450	20	15	300
5,350	8,270	13,700	Total Meeting Rooms	Assigned Area										

\*Some Extended Areas include rounding factor



eate Flex						9	VISIO	N		SUITABLE			MINIMUM	i
Area MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extend A
0	0	750	Tech Lab (tinker	/robotics)	•						-			
				Lab Space	Y	25	20	500						
				3D Printer	Υ	3	25	75						
				Laser Cutter	Y	1	48	50						
				Tool storage / Tool lending		1	100	100						
			Staffing:	Trainer / monitor	Y	1	25	25						
0	0	685	Create Lab (art/r	maker)										
				Arts/maker Flex Space	Υ	25	20	500						
				Sink area		2	50	100						
				Equipment / supply storage		1	60	60						
			Staffing:	Trainer / monitor	Y	1	25	25						
755	1,055	0	Combined Lab (C	Create / Tech)					Spa	ace can be divid	ded.	Comb	ined space, no	divider.
				Arts/maker Flex Space /					40	20	800	25	20	
				Sink area					1	50	50	1	1 50	
				Equipment / supply storage					3	60	180	3	8 60	
			Staffing:	Trainer / monitor					1	25	25	1	25	
80	540	880	Digital Media S	tudio										
				Sound Recording Room / Booth	Υ	3	40	120	2	40	80	2	40	
				Video Room w. Green Screen	Υ	8	75	600	4	75	300			
				Controls Room	Υ	2	30	60	2	30	60			
				Storage		1	100	100	1	100	100			
835	1,595	2,315	Total Create/	Flex Assigned Area										

<sup>\*</sup>Some Extended Areas include rounding factor



LEARNING FL	EX					3	VISIO	N		SUITAB	LE		MINIMU	M
Area (MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area
700	900	1,100	Quiet Reading Roo	m / Area										
			Seating:	Seats @ 2-place table (# tables = seats / 2)	Y	12	50	600	10	50	500	8	50	400
				Lounge Seating	Y	10	50	500	8	50	400	6	50	300
1,020	1,160	1,440	Small group study	rooms			) 4 seat study ) 4 seat in Tee	in Children's, en's		4 seat study in tudy in Teen's	Children's and	Include (1)	4 seat study ir	Children's
			Special use:	Room to seat 2 (2 seats @ 40 s.f.)	Y	2	80	160	2	80	160	2	80	160
				Room to seat 4 (4 seats @ 35 s.f.)	Y	5	140	700	3	140	420	2	140	280
				Room to seat 6 (6 seats @ 30 s.f.) 1, teleconference	Y	1	120	120	1	120	120	1	120	120
				Room to seat 8 (8 seats @ 25 s.f.)	Υ	1	160	160	1	160	160	1	160	160
				Room to seat 12 (12 seats @ 20 s.f.)	Y	1	300	300	1	300	300	1	300	300
0	50	100	Respite / wellness ro	oom/area										
				Lounge Seating	Y	2	50	100	1	50	50	0	50	0
1,720	2,110	2,640	Total Study Roor	ns Assigned Area										



HILDREN'	S SERVICES						VISIO	N		SUITABLE			MINIMUM	
Area MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extende Area
1,900	1,900	1,900	CS fiction & non-f	iction collections		(see	Collections	Worksheet)	(see	Collections Wo	rksheet)	(see	Collections Wor	ksheet)
142	280	390	CS public service	desk & reference										
			Staffing:	Children's service desk	Y	1	50	50	1	50	50	7	50	
			Seating:	Seats @ 4-place table (# tables = seats / 4)		6	30	180	4	30	120	4	30	0
				Seats @ 2-place table (# tables = seats / 2)		4	15	60	2	15	30	4	15	
				Seats @ individual table		6	10	60	4	10	40	4	10	
			Special use:	Public network station w/printer - "stand"		1	7	10	1	7	10	1	7	
				Public network station w/printer - "sit"		1	10	10	1	10	10	1	10	
				Program and Literature Display		1	20	20	1	20	20	1	20	
140	140	210	CS preschool colle	ection										
			Seating:	Seats @ lounge		4	20	80	2	20	40	2	20	
				Seats @ 4-place table (# tables = seats / 4)		2	30	60	1	30	30	1	30	
			Special use:	Public network station w/printer - "stand"		0	30	0	0	30	0	0	30	
				Crawling area		1	50	50	1	50	50	7	50	
				Program and Literature Display		1	20	20	1	20	20	1	20	
140	140	140	CS early readers of	collection										
			Seating:	Seats @ lounge		1	40	40	1	40	40	1	40	
				Seats @ 4-place table (# tables = seats / 4)		7	30	30	1	30	30	1	30	
			Special use:	Program and Literature Display		1	20	20	1	20	20	1	20	
				Play Area		1	50	50	1	50	50	1	50	
170	170	180	CS grade school c	ollection			0-0-0-0				12.000		1,5-4	
			Seating:	Seats @ lounge		2	40	80	2	40	80	2	40	
				Seats @ 4-place table (# tables = seats / 4)		1	30	30	1	30	30	7	30	
				Seats @ 2-place table (# tables = seats / 2)		2	15	30	1	15	20	1	15	
				Seats @ individual table		2	10	20	2	10	20	2	10	
			Special use:	Public network station w/printer - "stand"		0	30	0	0	30	0	0	30	
				Program and Literature Display		1	15	20	1	15	20	1	15	
50	50	50	CS audiovisual co	llection										
				Viewing stations		2	15	30	1	15	20	1	15	
				Listening stations		1	15	20	1	15	20	7	15	
120	120	220	CS technology cer	nter										
			Special use:	Public network station w/printer - "study"		8	15	120	8	15	120	8	15	
				Computer seats (inc. in above)		0	0	0	0	0	0	0	0	
510	650	720	CS family place	W1 955 1111										
			Seating:	Parent seating		8	7	60	6	7	40	4	7	
			Special use:	Gathering		5	50	250	4	50	200	3	50	
				Storage '		2	25	50	2	25	50	2	25	
390	470	470	CS storytime room	n										
			Meeting:	To seat 40 (w/coat hooks)		35	7	250	35	7	250	30	7	3
				Parent seating		15	7	110	15	7	110	10	7	
			Special use:	Storage / prop cabinets		2	25	.50	2	25	50	2	25	
				Counter & sink		1	25	30	1	25	30	7	25	
				Media Projection / Sound		J	30	30	1	30	30	1	30	
200	200	155	Children's restro	ooms										
			Special use:	All Gender		1	56	60	1	56	60	1	56	
				All Gender		1	56	60	1	56	60	1	56	
				Infant feeding room		1	75	80	1	75	80	1	75	
50	100	300	Unassigned Youth	Services										
3,812	4,220	4,735	Total Youth Sen											

\*Some Extended Areas include rounding factor



TEEN SERVIC	ES				9		VISIO	N		SUITABLE			MINIMUM	Λ
Area (MINIMUM) (	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area e	nded Area	Qty.	Unit Area	ended Area
300	300	300	Teen collection			(se	e Collections	Worksheet)	(see	Collections Works	sheet)	(see	Collections Wo	orksheet)
300	440	460	Young Adult servi	ce desk & reference										
			Staffing	YA Service Desk		1	50	50	1	50	50	1	50	5
			Seating:	Seats @ lounge		8	7	60	6	7	40	4	7	30
				Hangout Zone		12	15	180	10	15	150	8	15	12
				Seats @ 4-place table (# tables = seats / 4)		4	30	120	4	30	120	2	30	6
				Seats @ 2-place table (# tables = seats / 2)		2	15	30	4	15	60	1	15	20
			Special use:	Public network station w/printer - "stand"		1	7	10	1	7	10	1	7	1
				Public network station w/printer - "sit"		1	10	10	1	10	10	1	10	1
				60" display for recommended / topical titles		0	15	0	0	15	0	0	15	
50	90	220	Teen technology	center										
			Special use:	Public network station w/printer - "study"		8	15	120	6	15	90	3	15	5
				Computer seats (inc. in above)		0	0	0	0	0	0	0	0	

<sup>\*</sup>Some Extended Areas include rounding factor



ADULT SER	RVICES						VISION			SUITABLE	883		MINIMUM	<u> </u>
Area (MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area
4,900	4,900	4,900	Popular Collection	s		(see (	Collections Wor	rksheet)	(see	Collections Worl	(sheet)	(see	Collections Wor	ksheet)
40	14	40	Browsing - new bo	oks										
			Seating:	Seats @ lounge		4	7	30	4	7	30	4	7	30
			Special use:	Public network station w/printer - "stand"	Υ	1	7	10	1	7	10	1	7	10
60	50	50	Readers advisory	lesk										
			Staffing:	Service Point	Y	1	50	50	1	50	50	1	50	50
				Ready reference shelving 42" tall		0	13	0	0	13	0	0	13	0
				Public network station w/printer - "sit"	Y	0	10	0	0	10	0	1	10	10
50	50	50	Fiction Collection											
			Seating:	Seats @ lounge		6	7	40	6	7	40	6	7	40
			Special use:	Public network station w/printer - "sit"	Y	1	10	10	1	10	10	1	10	10
30	30	60	Large Print Collect	ion										
			Seating:	Seats @ lounge (Reading area)		8	7	60	4	7	30	4	7	30
			Special use:	Public network station w/printer - "stand"	Υ	0	7	0	0	7	0	0	7	0
600	600	600	Non-Traditional Bo	ook Display (see Collections Worksheet)										
5,080	5,044	5,100	Total Adult Servi	ices Assigned Area										

<sup>\*</sup>Some Extended Areas include rounding factor



FERENCE	SERVICES						Optima	ıl		SUITABLE			MINIMUM	
Area NIMUM)	Area (SUITABLE)	Area (Optimal)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area
130	130	130	Reference desk											
			Staffing:	Service Point	Υ	1	50	50	1	50	50	1	50	50
			Special use:	Public network station w/printer - "stand"		1	30	30	1	30	30	1	30	30
				Public network station w/printer - "sit"		1	45	50	1	45	50	1	45	50
150	310	460	Reference collection	on										
			Collections:	Reference & Non-fiction collections	(see Co	ollections V	orksheet)	80			80			80
			Seating:	Seats @ 2-place table (# tables = seats / 2)		4	25	100	2	25	50	1	25	30
				Seats @ individual table		2	15	30	2	15	30	1	15	20
				Seats @ individual carrel		2	35	70	0	35	0	0	35	0
			Special use:	Index table / miscellaneous indexes		1	120	120	1	120	120	0	120	0
				Dictionary stand		0	30	0	0	30	0	0	30	0
				Atlas stand		0	35	0	0	35	0	0	35	0
				Map case (2 units)		0	35	0	0	35	0	0	35	0
				Vertical file (4-drawer cabinets)		4	15	60	2	15	30	1	15	20
350	350	330	Nonfiction collecti	on										
			Collections:	Included with Reference Collections										
			Seating:	Seats @ 4-place table (# tables = seats / 4)		4	25	100	4	25	100	4	25	100
				Seats @ 2-place table (# tables = seats / 2)		4	25	100	4	25	100	4	25	100
				Seats @ individual table		4	25	100	4	30	120	4	30	120
			Special use:	Public network station w/printer - "stand"		1	30	30	1	30	30	1	30	30
				Public network station w/printer - "sit"		0	43	0	0	43	0	0	43	0
120	120	120	Reference services	s dept office										
			Special use:	Shared staff computer station for staff use	Y	1	50	50	1	50	50	1	50	50
				Network printer		1	20	20	1	20	20	1	20	20
				Fax machine		0	15	0	0	15	0	0	15	0
				Supplies cabinets		2	15	30	2	15	30	2	15	30
				Coat closet		1	20	20	1	20	20	1	20	20
0	0	50	Reference dept sto	orage room										
			Special use:	Utility shelves		2	15	30	0	15	0	0	15	(
				Storage cabinets		1	15	20	0	15	0	0	15	
750	910	1,090	Total Informatio	n Services Assigned Area										



ERIODIC/	ALS & MED	IA					VISIO	N		SUITABLE			MINIMU	М
Area MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area
100	100	100	Collections:	Current periodicals	,	(se	e Collections V	Vorksheet)	(see	Collections Wo	rksheet)	(see	Collections W	orksheet)
170	170	170	Current Periodicals											
			Seating:	Seats @ lounge area		6	7	40	6	7	40	6	7	5
				Seats @ 2-place table (# tables = seats / 2)		6	15	90	6	15	90	6	15	
				Seats @ individual table		4	10	40	4	10	40	4	10	
				Seats @ individual carrel		0	35	0	0	35	0	0	35	
			Periodical Reference D	esk										
			Staffing:	Periodicals service point	Y	0	50	0	0	50	0	0	50	
				Ready reference shelving 42" tall		0	13	0	0	13	0	0	13	
500	500	500	Audiovisual collection	Collections:		(se	Collections V	Vorksheet)	(see	Collections Wo	rksheet)	(see	Collections W	/orksheet)
100	160	220	Seating:	Seats @ lounge area		4	7	30	3	7	20	2	7	
				Seats @ 4-place table (# tables = seats / 4)		3	30	90	2	30	60	1	30	
				Seats @ 2-place table (# tables = seats / 2)		4	15	60	3	15	50	2	15	
			Special use:	Public network station w/printer - "stand"		1	7	10	0	7	0	0	7	
				Public network station w/printer - "sit"		1	10	10	1	10	10	1	10	
				Display		1	15	20	1	15	20	1	15	
0	0	0	Audiovisual reference	desk										
			Staffing:	Audiovisual services desk	Y	0	50	0	0	50	0	0	50	
				Ready reference shelving 42" tall		0	13	0	0	13	0	0	13	
				V 1997-20										
870	930	990	Total Periodicals Ass	igned Area										

<sup>\*</sup>Some Extended Areas include rounding factor

COMPUTE	RS						VISION			SUITABLE			MINIMUM	i
Area (MINIMUM)	Area (SUITABLE)	Area (VISION)	Name		Network	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area	Qty.	Unit Area	Extended Area
880	1,040	1,150	Computer/Tech	Lab										
			Special use:	Desktop Computer Station (desk / sit)	Y	28	26	730	24	26	620	20	26	520
				Laptop checkout storage	Y	2	50	100	2	50	100	2	50	100
				Public network station for printer/copiers - workstation	Υ	2	60	120	2	60	120	2	60	120
				Station for scanners, fax machine	Υ	1	60	60	1	60	60	1	60	60
				Coin/Bill Machine	Υ	1	20	20	1	20	20	1	20	20
				Space for instruction	Υ	1	30	30	1	30	30	0	30	(
				VHS/DVD Transfer station	Υ	1	30	30	1	30	30	0	30	(
			Staffing:	Service Point	Υ	1	60	60	1	60	60	1	60	60
880	1,040	1,150	Total Compute	ers Assigned Area										

<sup>\*</sup>Some Extended Areas include rounding factor



Area	Name		Network	Qty.	Unit Area	Extended Area
560	Operations					
	Staffing:	Work stations	Y	4	36	140
		Repair stations	Y	0	36	C
	Special use:	Spare materials return bins		8	9	70
		Book trucks		20	9	180
		Shared staff computer station for staff use	Y	2	36	70
		Network printer		1	20	20
		Workstation layout allowance		1	75	80
100	Operations superv	isor office #1				
	Staffing:	PX Indv. Offices	Y	1	100	100
	Special use:	Conference table to seat two		0	30	0
		Filing cabinets		0	10	0
300	Conveyor Area					
	Staffing:	Sorting stations / conveyor		2	70	140
		Shelving station		2	80	160
120	Circulation dept st	orage				
	Special use:	Utility shelves		6	15	90
		Storage cabinets		6 2	15	30

\*Some Extended Areas include rounding factor



Area	Name		Network	Qty.	Unit Area	Extended Area
100	Manager Office					
	Staffing:	Manager	Y	1	100	10
	Special use:	Filing cabinets, legal size		0	13	
		Supplies cabinets		0	10	
300	PX supervisor office #1					
	Staffing:	PX Indv. Offices	Υ	3	100	30
	Special use:	Conference table to seat two		0	30	
		Filing cabinets		0	10	
500	PX staff stations					
	Special use:	PX Staff WorkStations		12	30	36
		Filing cabinets, legal size		6	13	8
		Supplies cabinets		6	10	6
100	Outreach specialist					
	Staffing:	Personnel Specialist Station (hoteling)	Y	2	50	10
	Special use:	Side chairs / reception area		0	20	
		Filing cabinets, legal size		0	13	
		Supplies cabinets		0	10	
120	Programming workroom					
	Special use:	Printer (ledger format)		1	20	2
		Assembly table w/paper cutter		1	100	10
		Map case / poster storage		0	35	
		Laminator		0	35	
		Sink & counter		0	25	
120	Records storage	Five drawer files (legal size)		6	13	8
	Special use:	Sorting table / counter		1	40	4
130	Staff copy area	Fax machine		0	15	
	Special use:	High-volume copier w/ collator		1	75	8
		Copying supplies cabinet		1	25	3
		Copier paper shelving / storage		2	10	2
110	Office Supply Storage	Utility shelves		6	15	9
	Special use:	Storage cabinets		1	15	2

\*Some Extended Areas include rounding factor



Area	Name		Network	Qty.	Unit Area	Extended Area				
100	O Computer services workroom									
	Staffing:	Workbench / diagnostics & repair	Y	1	50	50				
	Special use:	Network printer		1	20	2				
		Utility shelves		1	15	1.				
		Storage cabinets		1	15	1.				
325	Server room / MD	F/IDF								
	Staffing:	Computer console	Y	1	25	2.				
	Special use:	Equipment rack / MDF		3	50	150				
		UPS		1	30	3				
		Utility Shelving		2	20	40				
		Work area		1	50	50				
		Mini Tower Server Area		2	15	30				
		IDF Closet (Secondary)		1	50	5				
		AV Equipment area		1	50	5				



Area	Name		Network	Qty.	Unit Area	Extended Area				
30	Staff mail (room)									
	Special use:	Staff mailboxes / sorting		50	0.5	30				
90	Staff lockers (roon	n/area)								
	Special use:	Coat racks		2	20	40				
		3 Tier Lockers		50	1	50				
310	Staff lounge (room	D)								
	Special use:	4-place round tables		2	75	150				
		Lounge seating		1	30	30				
		Kitchenette		1	80	80				
		Vending machines		1	20	20				
		Recycling bins		3	10	30				
		Lactation room		1	80	80				
250	Shipping & receiving (room)									
	Special use:	Utility shelves - outgoing shipments		2	15	30				
		Receiving area / sorting		1	80	80				
130	Staff restrooms									
	Special use:	Men's		1	60	60				
		Women's		1	65	70				
50	Staff entry			1	50	50				

<sup>\*</sup>Some Extended Areas include rounding factor



COLLECTIONS			HOUSE	D			SHELVI	NG EN	VIRON	RONMENT (ESTIMATE)							
WORKSHEET	Total Viable Collection	% in Circ.	To House	Est to House	No. of Shelves per unit (proposed)	Capacity Factor	Usable Lineal Ft.	Vols./ Lineal Ft.	Vols. per Unit 70%	No. of Units (ESTIMATED)	Aisle (feet)	Area per Unit	Optimal Total Floo Area (incl. 3x12 shelving unit)				
Children Services																	
BD Children - BD = Book on Disc	777	23%	596	507	3.0	70%	6.30	8	50	10	3.5	11.53	116				
BOOK Children Fiction E	13897	32%	9,431	8016	3.0	70%	6.30	28	176	45	3.5	11.53	524				
BOOK Children Fiction J	7847	33%	5,277	4486	5.0	70%	10.50	14	147	31	3.5	11.53	352				
BOOK Children Nonfiction	13177	20%	9,361	7957	5.0	70%	10.50	21	221	36	3.5	11.53	416				
BOOK Children E/J Bios** - subtracted from Nonfiction	1313	13%	1,142	971	5.0	70%	10.50	21	221	4	3.5	11.53	51				
BOOK Children Reader	2749	63%	1,019	866	3.0	70%	6.30	16	101	9	3.5	11.53	99				
CD Children	384	29%	274	233	5.0	70%	10.50	20	210	1	3.5	11.53	13				
DVD Children	5150	39%	3,125	2656	5.0	70%	10.50	18	189	14	3.5	11.53	162				
MAGAZINE Children	292	9%	265	225	5.0	70%	10.50	18	189	1	3.5	11.53	14				
Reference Children*	47	0%	47	40	5.0	70%	10.50	18	189	0	3.5	11.53	2				
SPANISH Children	2140	23%	1,651	1403	5.0	70%	10.50	16	168	8	3.5	11.53	96				
BOOK Holiday**	703	39%	427	363	5.0	70%	10.50	28	294	1	3.5	11.53	14				
BOOK J Graphic**	819	57%	350	298	5.0	70%	10.50	16	168	2	3.5	11.53	20				
	70.100		195080450	7	61236.266		Subtota	I number of	units:	163		31,771,00,000	8008/050				
								TOTA	L YOUTH SE	RVICES COLLECT	TIONS FLO	OOR AREA	1,900				
Teen Services																	
BD Teen (can reduce / paired w/ adult)	340	10%	306	260	5.0	70%	10.50	8	84	3	3.5	11.53	36				
BOOK Teen Fiction	2556	35%	1,667	1417	5.0	70%	10.50	10	105	13	3.5	11.53	156				
Teen Graphic Novel	1335	16%	1,119	951	5.0	70%	10.50	13	131	7	3.5	11.53	84				
	· · · · · · · · · · · · · · · · · · ·		5.5				Subtota	I number of	units:	24							
								то	TAL YOUNG	ADULT COLLECT	TIONS FLO	OOR AREA	300				
Adult Services						-											
LG PRINT Adult (incl Teen)	2132	27%	1,559	1325	5.0	70%	10.50	8	84	16	3.5	11.53	182				
BD Adult	6092	33%	4,072	3461	5.0	70%	10.50	8	84	41	3.5	11.53	475				
BOOK Adult Fiction- some 6 shelf units pot.	19235	27%	14,042	11935	5.0	70%	10.50	10	105	114	3.5	11.53	1,310				
BOOK Adult Nonfiction - some relocated to power wall - some 6 shelf units pot.	32422	20%	26,067	22157	5.0	70%	10.50	10	105	211	3.5	11.53	2,432				
BOOK BIO Adult & Teen	2895	14%	2,498	2124	5.0	70%	10.50	10	105	20	3.5	11.53	233				
BOOK Adult Graphic**	1112	21%	874	743	5.0	70%	10.50	14	147	5	3.5	11.53	58				
SPANISH Adult & Teen	2790	9%	2,536	2156	5.0	70%	10.50	16	168	13	3.5	11.53	148				
Reference Adult*	175	0%	175	149	5.0	70%	10.50	10	105	1	3.5	11.53	16				
								I number of		421							
										RVICES COLLECT	TIONS FLO	OOR AREA	4,900				
Information Services													•				
Map collection (remove cabinets)																	
							Т	OTAL INFO	RMATION SE	RVICES COLLECT	TIONS FLO	OOR AREA	80				



Periodicals  MAGAZINE Adult (title count - 3 titles per shelf)  MAGAZINE Spanish (title count - 3 titles per shelf)  MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Juvenile  Newspapers - refer to new box shelf - hold one week - itle list  Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 15)	Viable ection 46 7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	% in Circ.  15% 36%	246 17 12 27 4,205	209 14 10 23	No. of Shelves per unit (proposed)  5.0  5.0  5.0  5.0  7.0	Capacity Factor  100% 100% 100% 100%	15.00 15.00 15.00 15.00 Subtota	Vols./ Lineal Ft.  3 3 3 I number of	45 45 45 45 45 units:	No. of Units (ESTIMATED)  5 1 1 1 DICALS COLLECT	3.5 3.5 3.5 3.5 3.5	Area per Unit  11.53  11.53  11.53  11.53  OOR AREA	63 12 12 7
MAGAZINE Adult (title count - 3 titles per shelf)  MAGAZINE Spanish (title count - 3 titles per shelf)  MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Juvenile  Newspapers - refer to new box shelf - hold one week - itle list  Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 12)	7 2 2 7	1007000	17 12 27 4,205	14 10 23	5.0 5.0 5.0	100% 100% 100%	15.00 15.00 15.00 Subtota	3 3 3	45 45 45 units:	1 1 1	3.5 3.5 3.5	11.53 11.53 11.53	12 12 7
MAGAZINE Spanish (title count - 3 titles per shelf)  MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Juvenile  Newspapers - refer to new box shelf - hold one week - itle list  Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 12)	7 2 2 7	1007000	17 12 27 4,205	14 10 23	5.0 5.0 5.0	100% 100% 100%	15.00 15.00 15.00 Subtota	3 3 3	45 45 45 units:	1 1 1	3.5 3.5 3.5	11.53 11.53 11.53	12 12 7
shelf)  MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Juvenile  Newspapers - refer to new box shelf - hold one week - itle list  Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 12)	2 ?7	1007000	12 27 4,205	10 23	5.0 5.0	100%	15.00 15.00 Subtota	3 3	45 45 <b>units:</b>	1 1	3.5 3.5	11.53 11.53	12 7
MAGAZINE Teen (title count - 3 titles per shelf)  MAGAZINE Juvenile  Newspapers - refer to new box shelf - hold one week - itle list  Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  Today and the shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 12)	2 ?7	1007000	4,205	23	5.0	100%	15.00 Subtota	3 I number of	45 units:		3.5	11.53	7
MAGAZINE Juvenile  Newspapers - refer to new box shelf - hold one week - itle list  Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /	955	1007000	4,205			100%	15.00 Subtota	I number of	units:			11.53	7
Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /		1007000		3574	7.0				units:		IONS FLO		100
Audiovisual  CD Adult - music CDs may reduce / CD books may reduce  DVD Adult  156  Non-Traditional Shelving  BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /		1007000		3574	7.0	70%			V25.52 (C. 2.2.0) (C. 2.2.0)		IONS FLO	OR AREA	100
CD Adult - music CDs may reduce / CD books may reduce 49  DVD Adult 156  Non-Traditional Shelving BOOK Children Board Books (browser bins) 13  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin) 15  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 12)		1007000		3574	7.0	70%		Т	OTAL PERIO	DICALS COLLECT	IONS FLC	OR AREA	100
CD Adult - music CDs may reduce / CD books may reduce 49  DVD Adult 156  Non-Traditional Shelving BOOK Children Board Books (browser bins) 13  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin) 15  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display / 12)		1007000		3574	7.0	70%							
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BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /	2000		10,064	8555	7.0	70%	14.70	18	265	32	3.5	11.53	373
BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /					10.743500		Subtota	I number of	units:	46			
BOOK Children Board Books (browser bins)  BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /								TC	TAL AUDIO	VISUAL COLLECT	IONS FLC	OR AREA	500
BOOK Read Alongs (NORMAL SHELF/pseudo browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /				6					3		2		
browser bin)  BOOK Stories to Go (in bags) - look for new solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /	24	68%	424	360	3.0	30%	2.70	5	14	27	3.5	11.53	308
solution / look for good hooks  Lucky Day ("Power wall (shelf + merch display /	52	92%	12	10	3.0	10%	0.90	5	5	2	3.5	11.53	26
Lucky Day ("Power wall (shelf + merch display /	05	74%	53	45	3.0	25%	2.25	5	11	4	3.5	11.53	46
	66	94%	82	70	5.0	10%	1.50	5	8	9	3.5	11.53	107
TOP PICKS Adult (Power wall or special shelf)-	0	0%	0	0	3.0		0.00	5	0	0	3.5	11.53	0
TOP PICKS Children (Power wall or special shelf)- new to Belmar (7-10)	67	7%	1,542	1311	3.0	90%	8.10	5	41	10	3.5	11.53	115
new to benner (7-10)	0/			·			Subtota	I number of	units:	52		$\vdash$	
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145,								TO:	TAL NON TR	ADITIONAL SHEL			

GRAND TOTAL OF STACKS: 714

### Administration Questionnaire

#### Admin/Support Space

Please provide answers within the boxes provided to following questions. If a question is not applicable, please respond with NA.

#### 1. Full-time Staff workspace

a. How many full-time staff on the Operations side do you anticipate?

2

i. Will JCPL maintain the open workroom structure with similar bench-style workstations to other libraries in the system?

ves

ii. Do any Operations staff require an individual office, if so, how many?

1

Will the offices be similar in size to previous office sizes?

iii. Will personal storage be a combination of lockable drawers and lockers?

Please indicate the number of each we should accommodate.

Lockable File Drawers, 3 Lockers, 2

b. How many full-time staff on the Public Service side do you anticipate?

15

i. Will JCPL maintain the open workroom structure with similar bench-style workstations to other libraries in the system?

ves

ii. Do any Public Service staff require an individual office, and how many?

Will the offices be similar in size to Belmar? 100 sf

Ves

iii. Will personal storage be a combination of lockable drawers and lockers?

yes

Please indicate the number of each we should assume.

Lockable File Drawers, 15 Lockers, 15

c. How many part-time staff do you anticipate?

25

i. Do part-time staff need individual workstations?

No- they use shared work stations

ii. Do part-time staff need individual storage options?

yes

1. If yes, how many lockers do you need?

25, some lockable file drawers

d. How many volunteers do you anticipate daily?

3-7

i. Do volunteers need any dedicated workspace?

Some space for sorting donations

1. If yes, please describe the workspace needed.

Shelving and a flat surface- most likely more like what Columbine has than Belmar

Would this workspace be within the dedicated staff work area?

ii. Do volunteers need individual storage options?

Yes- lockers

iii. If Yes, how many lockers do you need?

6

#### 2. Staff Support Space

a. Please confirm (yes or no) that the following spaces will be required:

i. break room with a full kitchen like other facilities

Yes (no oven)

ii. respite and/or lactation room

ves

would separate rooms be preferred rather than a shared room?
 no

iii. staff lounge area other than break room

no

iv. donation storage within the staff back of house

Yes- see volunteer needs

v. seasonal supply storage room

Yes

vi. book and technology repair station

no

#### 3. Library Foundation

a. Will the Foundation/Friends of the Library (Little Whale) have a dedicated store location?

This has not emerged as a priority in the community feedback

b. If yes, how large should it be (similar to Belmar)? Approx. 270 sf with storage

#### 4. Automatic Materials Return

 Please confirm that we should assume capacity/square footage similar to Belmar, or please provide the capacity we should assume if not.

Planning similar capacity/sq footage to Belmar is appropriate at this point



#### 5. IT Space Needs

We will need an MDF room with the ability to hold 3 full racks, this room will need to be powered by UPS equipment with backup provided by a generator as it is planned as a back up data center or server room with enough equipment to be the JCPL failover connection to the internet. Depending on low voltage run lengths, we may need an additional IDF closet. Similar sizing on both to Belmar.

We will also need lockable storage space for Creative Tech 100 sq ft.

#### 6. FAC Space Needs

We will need a janitorial closet with a mop sink and room for product storage. This should not be a shared mechanical/electrical room. Typically this would be approximately .005% of total square footage of building. We will also need storage outside of the mechanical room for parts, lamps, owner stock etc. This too should be in the .006% range.



