

# MRV ARCHITECTS

## Ketchikan Library Workshop #1

January 25, 2010

- A. INTRODUCTIONS
- B. PURPOSE and GOALS - Martha Schoenthal, Foraker Group
- C. PROGRAMMING - Work through size options for major building components.
- D. WRAP-UP, NEXT STEPS - Closing discussion, set meeting date for Site Workshop.

## PROGRAMMING WORK STEPS

1. Set target population. Identify population trends for Ketchikan. State demographics show slight decline over 2-3 decades. Does this reflect local realities?
2. Set volume and stack needs. Establish stack requirements from this basic population estimate, using national standards in conjunction with local judgment on needs.
3. Establish public space needs:
  - Public seating space, distributed.
  - Computer needs, both grouped and distributed.
  - Meeting space(s).
  - Children's activity area.
  - Other
4. Establish staff needs:
  - Circulation desk area
  - Director's office
  - Staff work room, break, and storage
5. Building support areas:
  - Public Restrooms
  - Storage and Janitorial
  - Mechanical/electrical
  - Circulation allowance

<b>Comparative Program Areas</b>	<b>Existing</b>	<b>Option A</b>	<b>Option B</b>	<b>Comments</b>
<b>Library Component</b>				
Adult Stack Area	2300	4,080	4760	Includes periodicals, media, and standard volumes
Children's Stack Area	625	1500	1750	
Young Adult stack Area	150	420	490	
Seating and Tables, combined	750	1,950	2,730	Includes adult, youth, and children's areas
Children's Story Area	100	225	275	Separate from other stacks and seating
Public Computer Area	50	160	240	Fixed computer counter area near entry. 8 low, 12 high
Circulation Desk Area	60	225	250	
Administrative Support Offices	220	500	500	Includes 4-5 work spaces, support like copier, sink.
Storage	150	200	250	
Circulation, approx 20%	881	1852	2249	
Library Subtotal	<b>5,286</b>	<b>11,112</b>	<b>13,494</b>	
<b>Meeting and Support Space</b>				
Multipurpose Community Room	0	750	850	
Small Meeting Room	0	250	250	
Study Room(s)	0	125	250	Option B includes 2 separate spaces at 125 sq.ft.
Children's Craft Room	0	0	225	
Staff Break Room	0	0	150	Includes small kitchenette
Friend's Store/Storage	0	0	0	
Storage / Equipment	75	150	200	
Circulation, approx 20%	15	255	385	
Meeting Subtotal	<b>90</b>	<b>1,530</b>	<b>2,310</b>	
<b>Shared Areas and Building Support</b>				
Vestibule, Entry	100	125	125	
Central Foyer/Lobby	200	400	500	
Public Restrooms	250	450	450	Sized for four fixtures per sex.
Mechanical, Electrical	100	650	700	
Other support, misc.	151	350	400	
Support Subtotal	<b>801</b>	<b>1,975</b>	<b>2,175</b>	
<b>Total Area</b>	<b>6,177</b>	<b>14,617</b>	<b>17,979</b>	

## Library Book Volume Calculation:

**Low range:** Connecticut planning guide. For communities 10,000 to 15,000, provide core collection of 35,000 volumes, plus ratio of .6 volumes per capita for static communities which are stable, up to 2 for growing communities.

If the value of 1 is used (closer to static community than growing), volumes equal  $35,000 + 13,000 = 48,000$ .

**High range:** The *Ketchikan Facility Development Plan* by FFA/Millard established programming goals in July 2003. The planning guidelines were provided by Dallas Young Shaffer.

Flat assumption of 5 volumes per capita.  $13,000 \times 5 = 65,000$ .

**Current:** Staff reports current book collections at **54,667** volumes.

## Library Media Collection Calculation:

**Low range:** Connecticut planning guide recommends minimum of 10% of collections, or **4,800**.

**High range:** FFA/Millard analysis recommended 20% of book volumes, or **13,000**.

**Current:** Current collections total **11,115** items.

## Periodicals

**Range:** Both Connecticut and FFA/Millard recommendations put periodicals at about 200

## Library Stack Area Calculation: (includes media, periodicals)

Current book volumes and media materials exceed planning guidelines for minimum for Ketchikan population. It is recommended that actual volumes, totalling 66,000, be used as the minimum design book volume.

Connecticut planning guide. Recommends 10 volumes/sq.ft.

FFA/Millard recommends an average of 12 volumes/sq.ft.

Low/low range:	Use current stack count; $66,000 / 12 =$	5,480 sq.ft.	
Low/mid range:	Use current stack count; $66,000 / 10 =$	6,600 sq.ft.	Call low range <b>6,000</b> sq.ft.
High/mid range:	Use high stack count; $78,000 / 12 =$	6,500 sq.ft.	
High/high range:	Use high stack count; $78,000 / 10 =$	7,800 sq.ft.	Call high range <b>7,000</b> sq.ft.

## Stack Area Allocation: (includes media, periodicals)

Previous stack allocations between adult/teen/child were 68% / 5% / 27%

Recommend revising teen collection upward, perhaps 68% / 7% / 25%

**6,000** of stack area would equal 4,080 adult, 420 teen, 1,500 children.

**7,000** of stack area would equal 4,760 adult, 490 teen, 1,750 children.

## Seating Count Calculation:

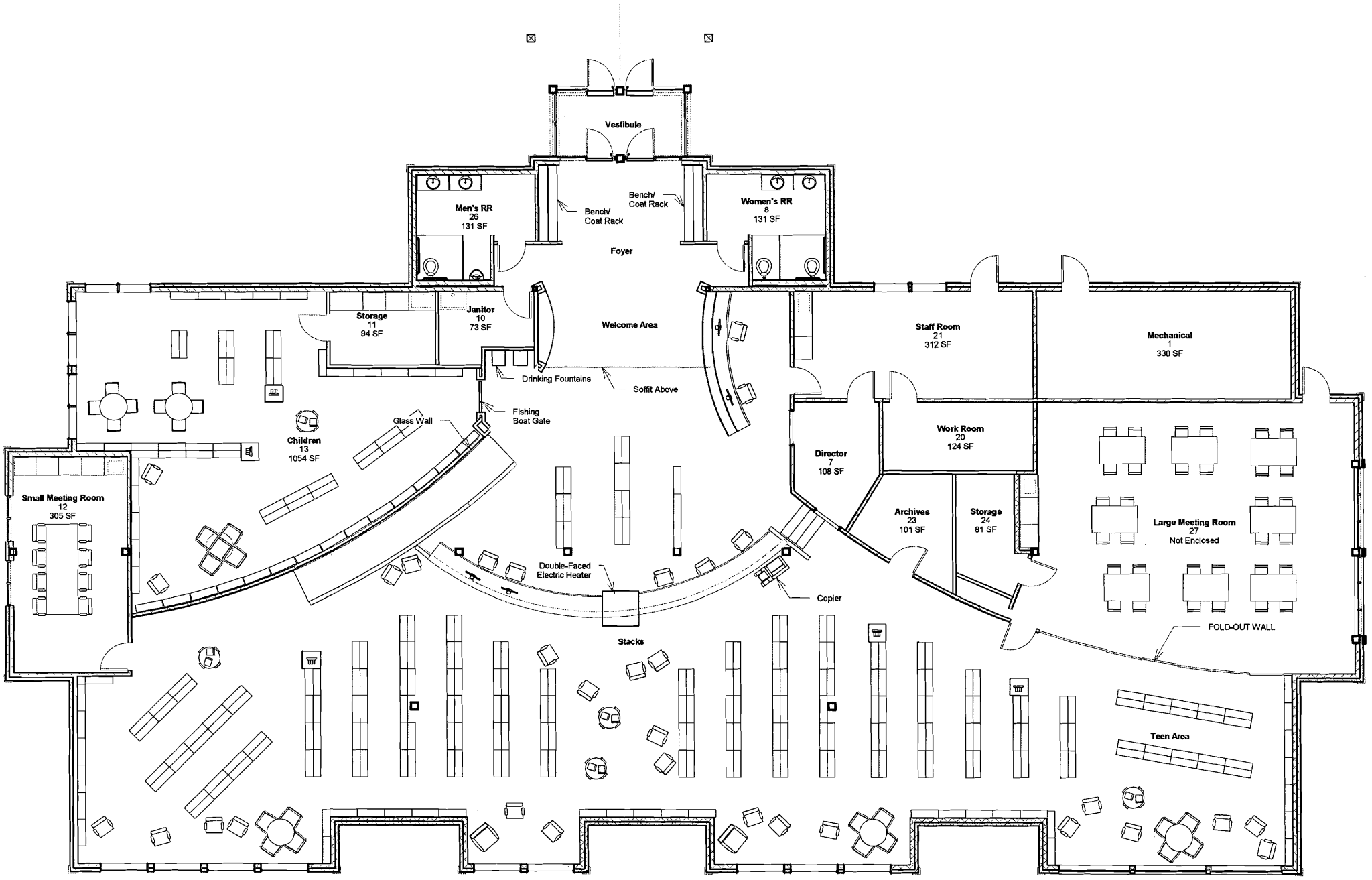
Connecticut planning guide. Recommends 5 seats per 1,000 population

FFA/Millard recommends 7 seats per 1,000 population

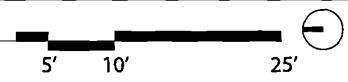
Seating will include individual seats, lounge chairs, and seats at tables.

The average planning recommendation is 30 sq.ft. per seat

Low range:	$13 \times 5 = 65$	$65 \times 30 =$	<b>1,950</b> sq.ft.
High range:	$13 \times 7 = 91$	$91 \times 30 =$	<b>2,730</b> sq.ft.

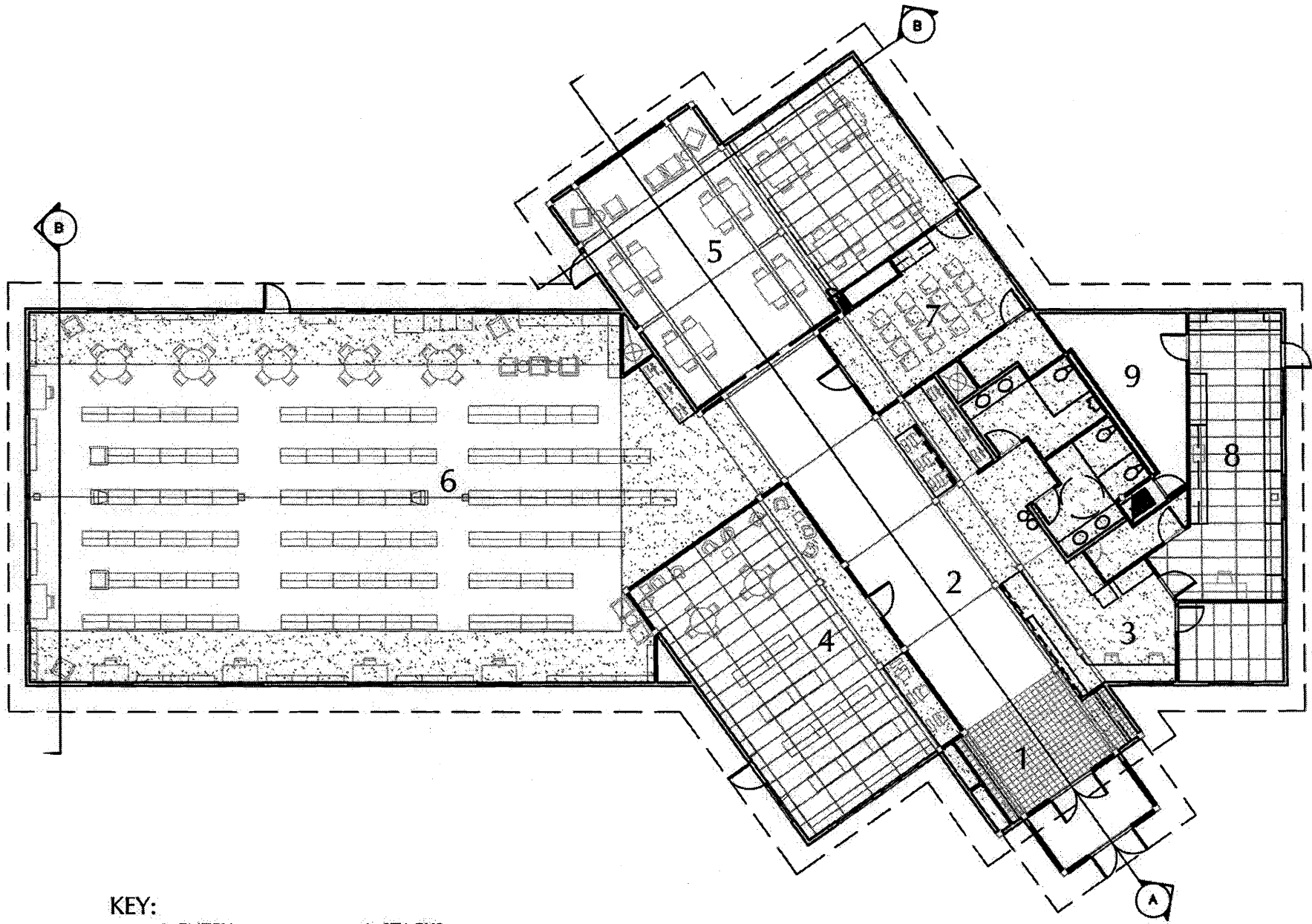


### 3. Fourth Floor



- A. Entry.
- B. Atrium/foyer.
- C. Balcony.
- D. Discovery room.
- E. Children's area.
- F. Youth area.
- G. Staff.
- H. Seating.
- I. Stacks.
- J. Archives.
- K. Gift store.
- L. Temporary gallery.
- M. Permanent exhibits
- N. Covered drop-off.





**KEY:**

- |                 |               |
|-----------------|---------------|
| 1. ENTRY        | 6. STACKS     |
| 2. CENTRAL HALL | 7. CONFERENCE |
| 3. CIRC. DESK   | 8. STAFF      |
| 4. CHILDREN     | 9. MECHANICAL |
| 5. READING      |               |

**FLOOR PLAN**

