



# Montgomery County Public Libraries Silver Spring Branch



## First Design Input Meeting

April 16, 2009

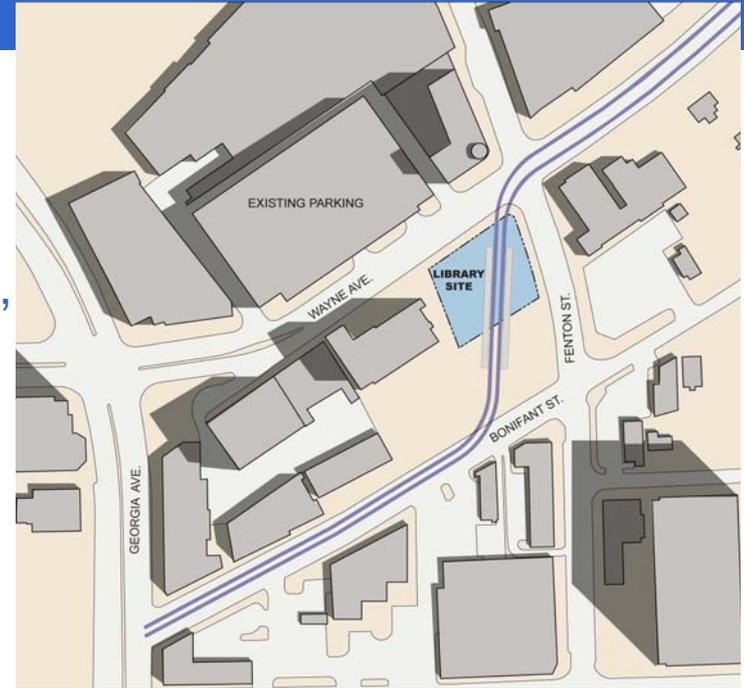


# Agenda

- Charette Process & Project Schedule
- Project Goals
- Review of Master Plan
- Building Program
- Project Issues
  1. Library Access
  2. Library Organization
  3. Public Open Space
  4. Library Exterior Appearance
  5. LEED Design Approach

# Project Schedule

- Master Plan Development- **Nov 2008**
- Charettes – **April 16 - June 18, 2009**
  - No. 1: Background, Program, Master Plan, Overview of Issues
  - No. 2 Initial Design Concepts
  - No. 3: Refined Concepts
  - No. 4: Recommended Concept
- Schematic Design – **August 2009**
  - Public Presentation – September 2009
  - Mandatory Referral- Fall 2009
- Design Development – **January 2010**
  - Public Presentation – February 2010
- Construction Documents – **2<sup>nd</sup> Qtr 2010**
- Construction – **Summer 2010**



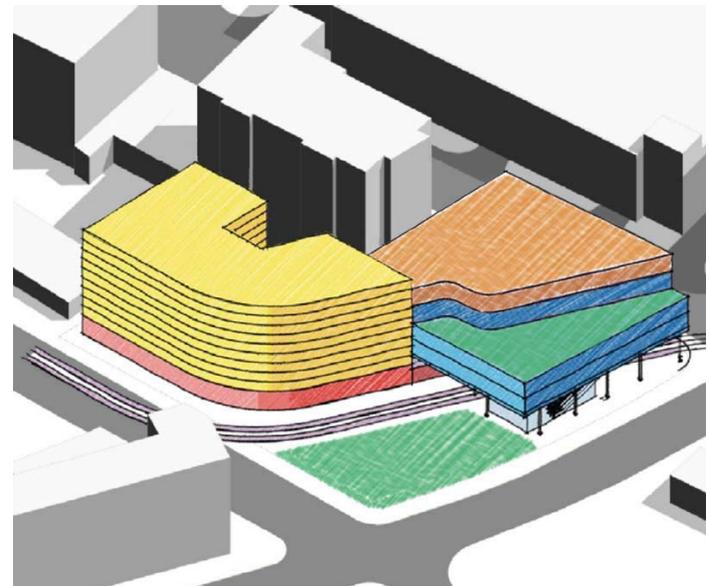
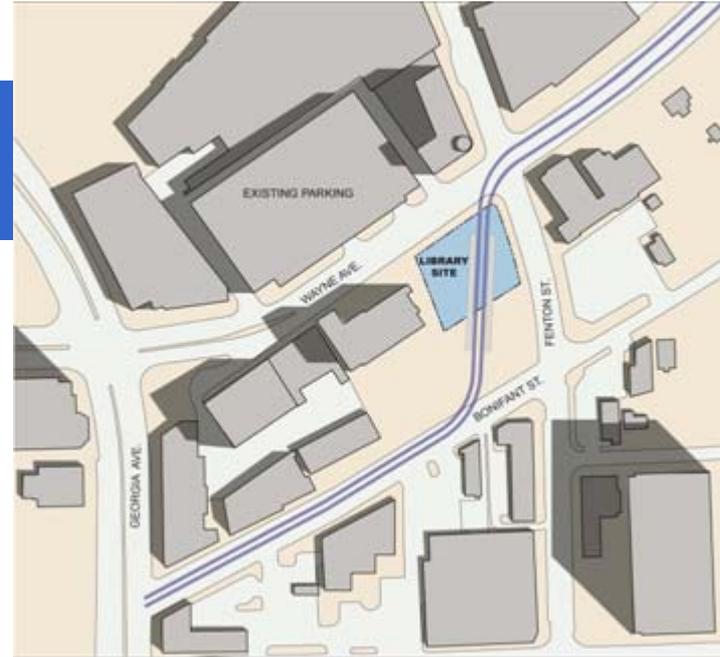
# Project Goals

- Provide a State-of-the-Art Library
- Showcase the Library as a Community Focus as part of a mixed use Public facility and Transit stop
- Provide Convenient Public Access
- Create Memorable Architecture / Cultural Landmark
- Respond to the Fenton Village Plan
- Create an Open, Inviting, Flexible Environment
  - Take advantage of Views from & into the Library ( visually & symbolically transparent)
- Follow Sustainable Design Principles
  - Design a Silver LEED Building



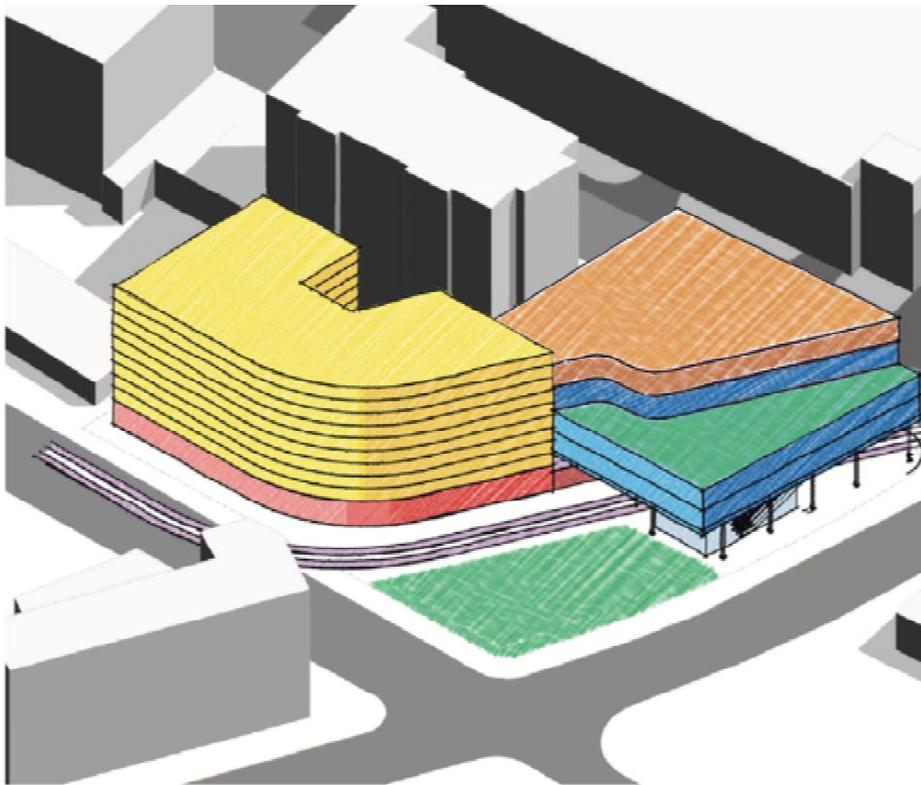
# Project Parameters

- Purple Line will traverse the site
- Site Master Plan Established
- Library Site Defined
- Parking will be provided in the Wayne Ave Garage
- Building Program Established
- Building to be 6 Stories Tall



# Master Plan

- As Endorsed by the County Executive and HHS Subcommittee of the County Council

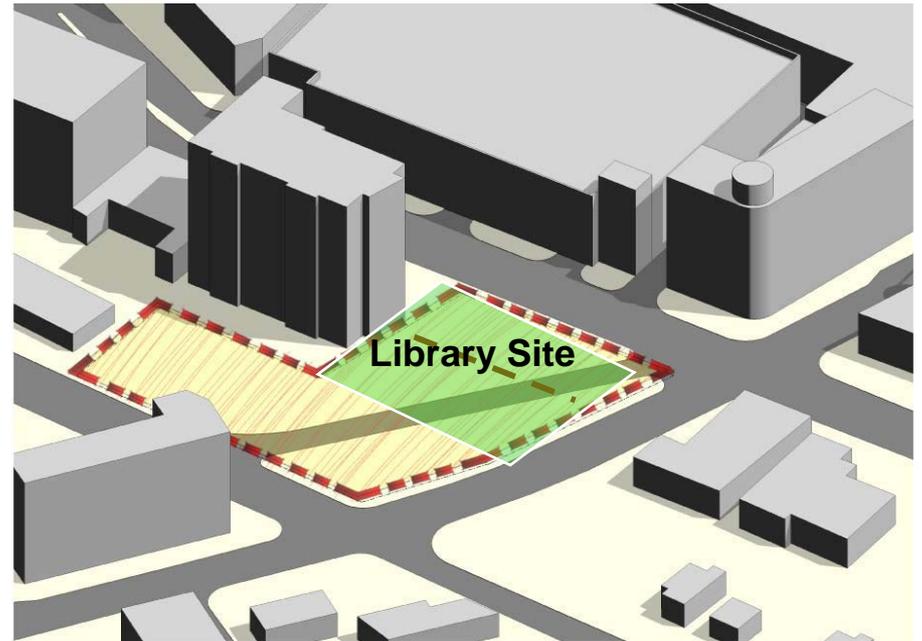
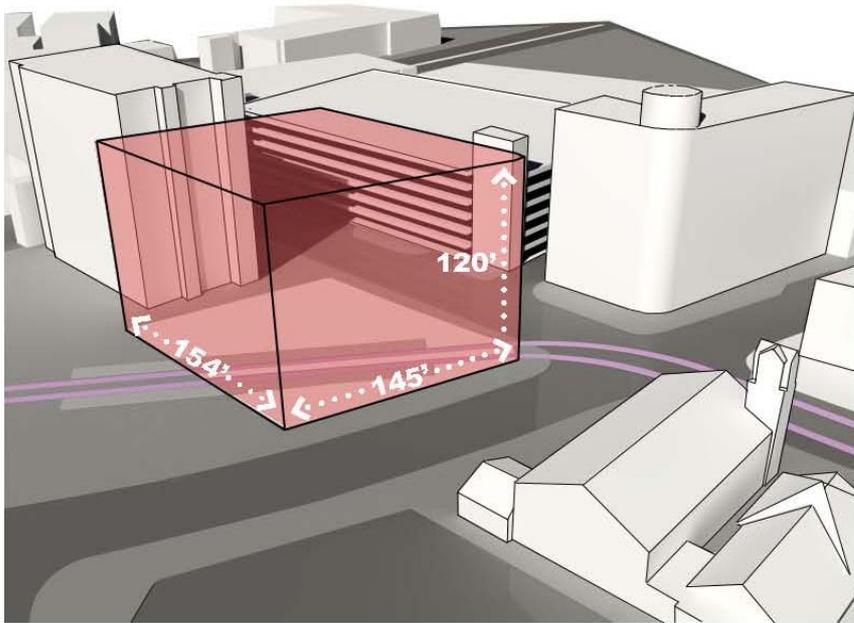


Option 1c

PROGRAM	LEVEL	AREA (SF)
LIBRARY	1	2,000
LIBRARY	3	23,000
LIBRARY	4	23,000
LIBRARY	5	15,000
<b>TOTAL LIBRARY</b>		<b>63,000</b>
ARTS CENTER	1	5,000
ARTS CENTER	2	15,000
<b>TOTAL ARTS CENTER</b>		<b>20,000</b>
RESIDENTIAL	1	2,000
RESIDENTIAL	2	16,000
RESIDENTIAL	3	16,000
RESIDENTIAL	4	16,000
RESIDENTIAL	5	16,000
RESIDENTIAL	6	16,000
RESIDENTIAL	7	16,000
RESIDENTIAL	8	16,000
RESIDENTIAL	9	16,000
RESIDENTIAL	10	16,000
<b>TOTAL RESIDENTIAL</b>	146 UNITS	<b>146,000</b>
RETAIL	1	22,000
COUNTY OFFICE	6	15,000
<b>TOTAL GROSS AREA</b>		<b>266,000</b>
<b>OPEN SPACE</b>		<b>AREA (SF)</b>
GROUND LEVEL PLAZA		8,000
PURPLE LINE AREA		15,000
<b>TOTAL 'OPEN SPACE'</b>		<b>22,000</b>
<b>GREEN ROOF</b>		<b>AREA (SF)</b>
RESIDENTIAL	2	3000
LIBRARY	5	6000



# Library Site



Zoning Limitations- Height, Width,

# Building Program

- Library : 63,000 SF
- Pyramid Atlantic : 20,000 SF
- County Office : 16,000 SF
- Total .....99,000 SF



# Project Issues

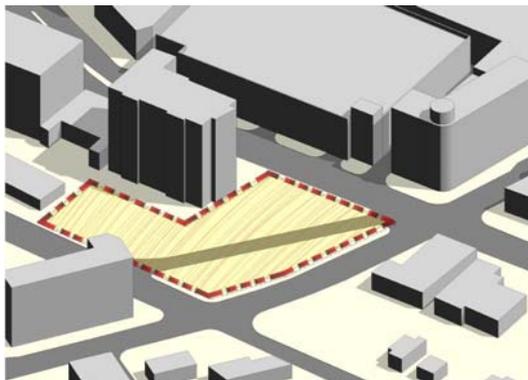
1. Library Access
2. Library Organization
3. Public Open Space
4. Library Exterior Appearance
5. LEED Design Approach



# Issue 1- Library Access

## Users

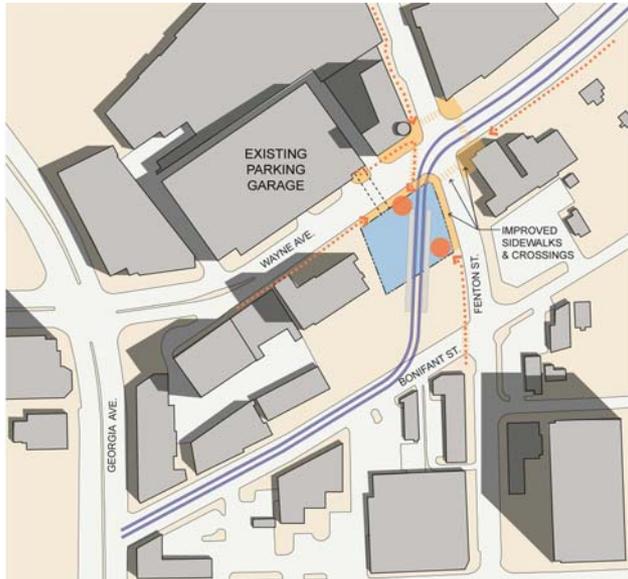
- Pedestrians from Surrounding Streets
  - Including Handicapped Patrons
- Riders of the Purple Line & Buses
- People who park in the Garage & on the Street
- Bicyclists
- Service Vehicles & Patron Drop-Off



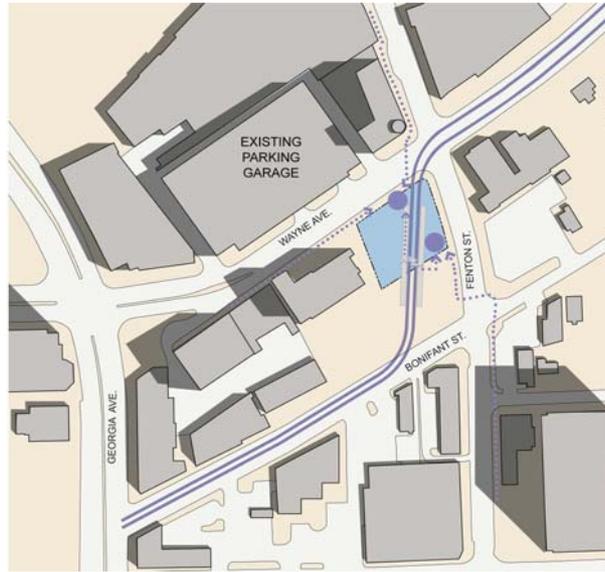
# Issue 1- Library Access

## Opportunities

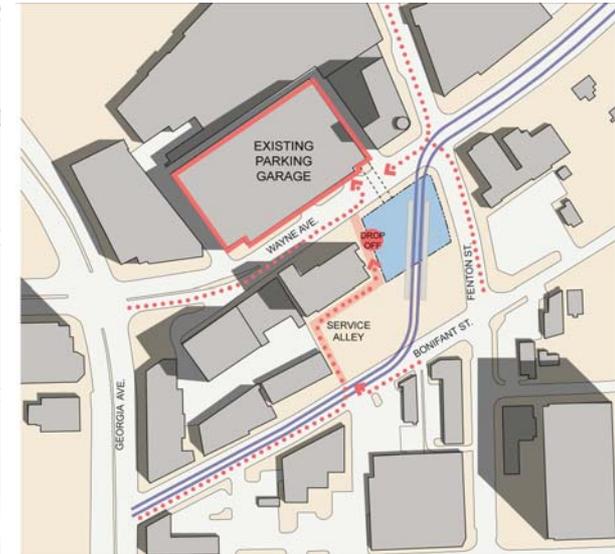
Lobby Entry close to corner of Wayne &  
Entry from Public Open Space  
Bridge from Parking Garage



Pedestrians



Transit



Vehicles

## Issue 2- Library Organization

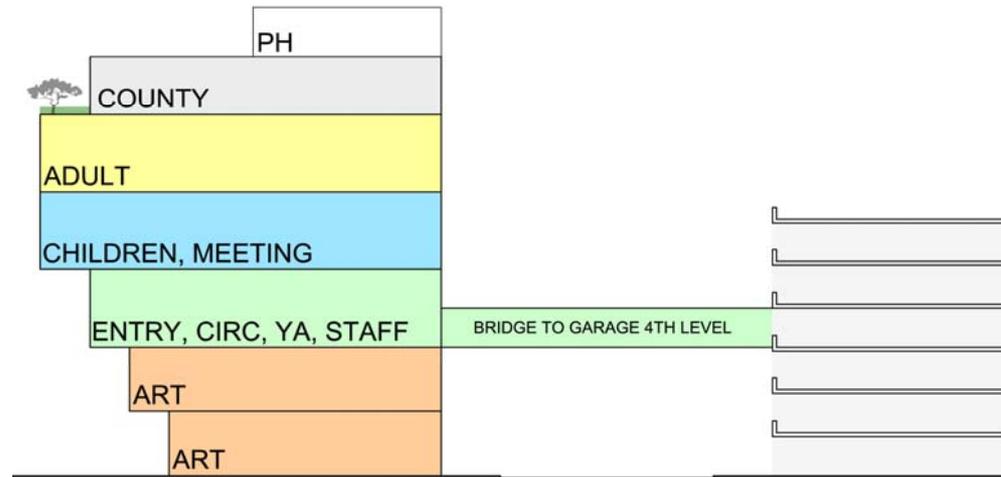
### CRITERIA

- Provide Activity on the Ground floor
- Library must have one Point of Control
- Handicap parking Access to the library is from the Garage
- 1<sup>st</sup> floor max size is 8,000 SF to allow for Transit Platform
- 2<sup>nd</sup> floor max size is 14,000 SF ( overhang platform)
- 3<sup>rd</sup> floor is 1<sup>st</sup> floor that can clear the Purple Line ( 16,000- 20,000 SF)
  - Library needs 22,000 SF on at least 2 floors to fit collection
- 4<sup>th</sup> & 5<sup>th</sup> floors should be about 22,000 SF
- 6<sup>th</sup> floor should be 16,000 SF
  - County Office

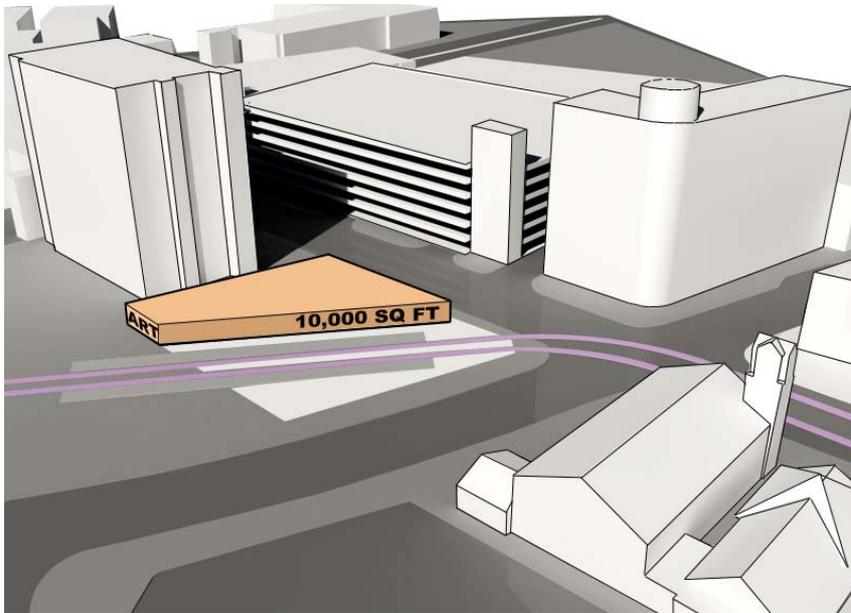
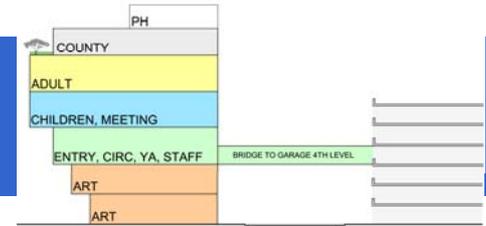


## Issue 2- Library Organization

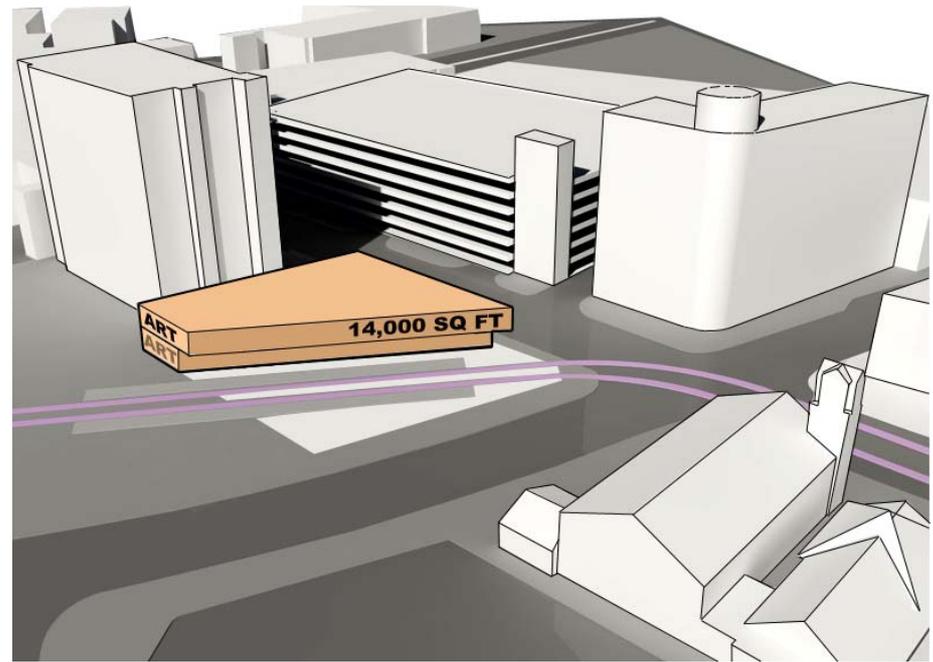
- Art space is contiguous
- All Library patrons enter on 3<sup>rd</sup> level- Elevators connect all Library Floors
- Parking on 4<sup>th</sup> level of garage
- Children and adult one floor apart (*easy to use connecting stair*)
- Terrace shared by all “tenants”



# Library Organization

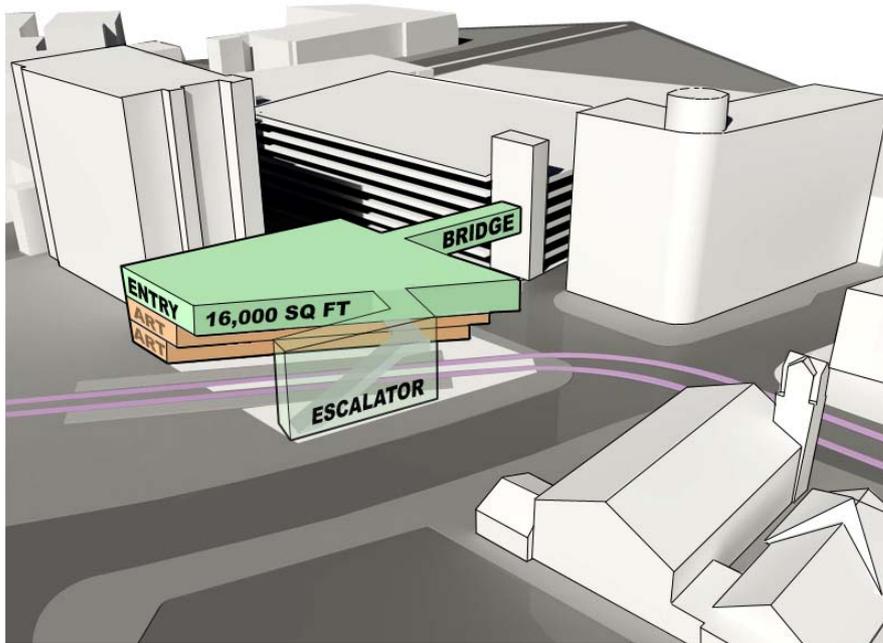
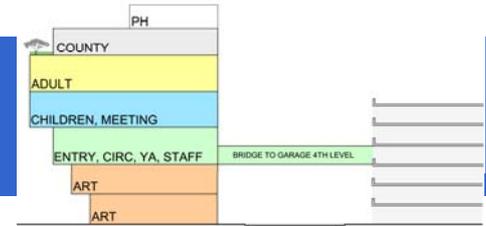


First Level

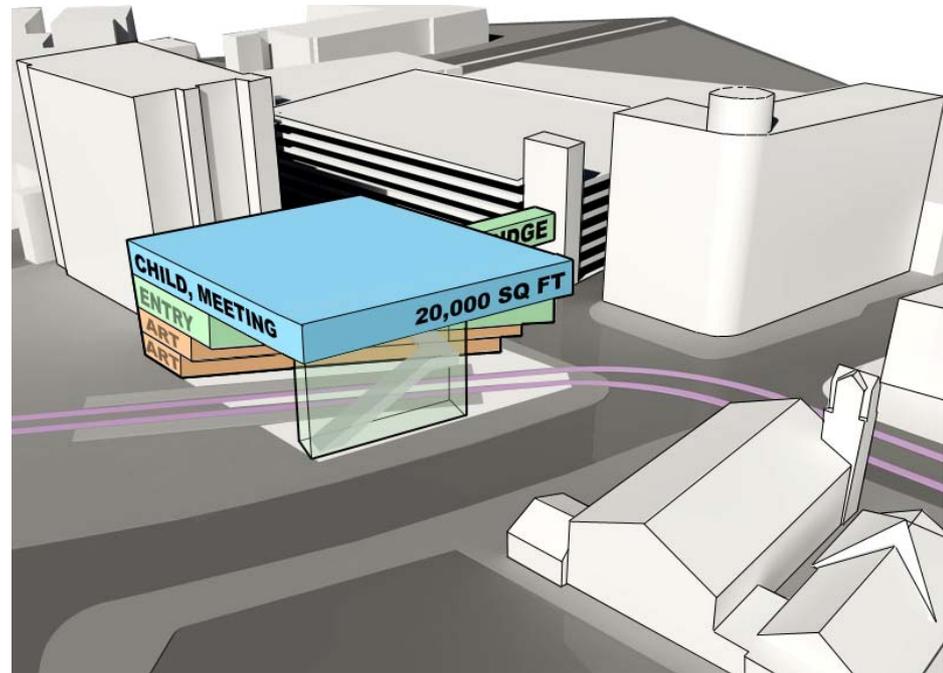


Second Level

# Library Organization

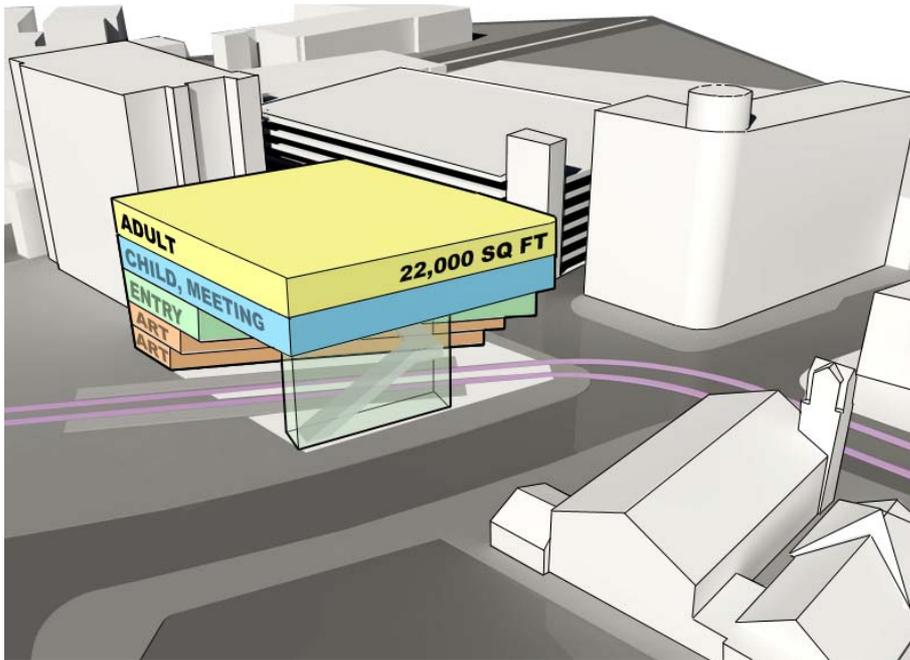
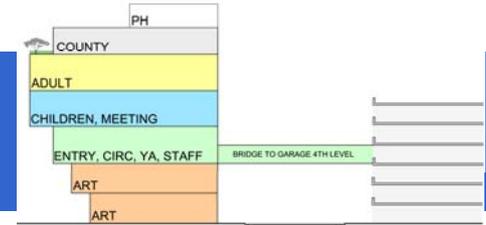


Third Level

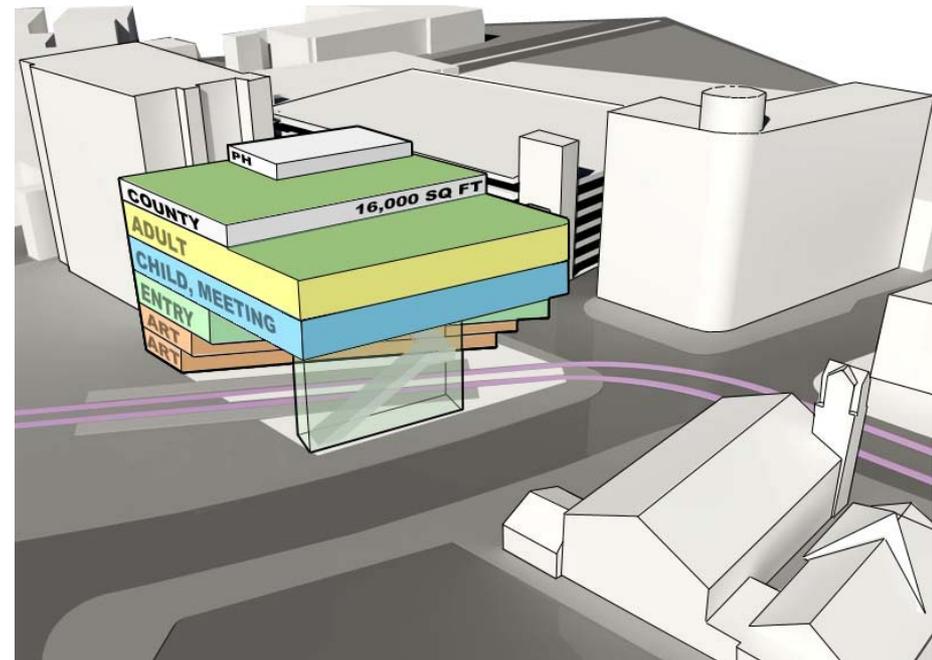


Fourth Level

# Library Organization

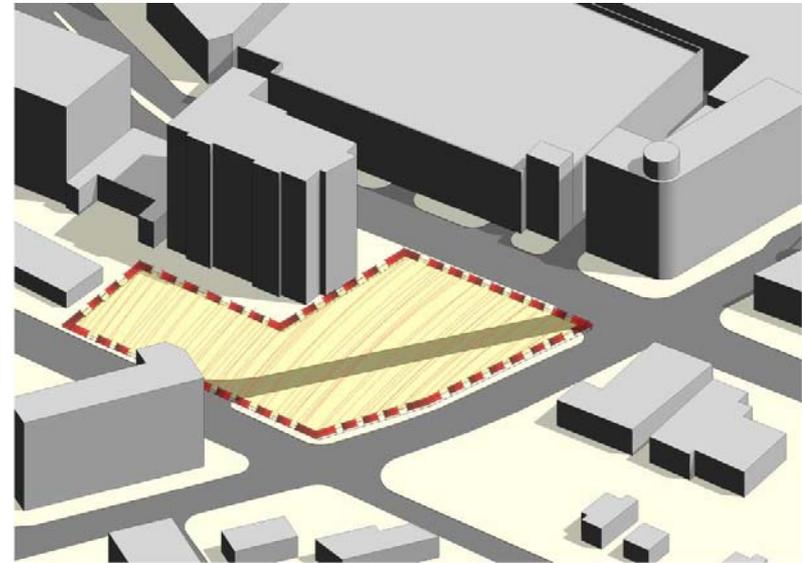


Fifth Level

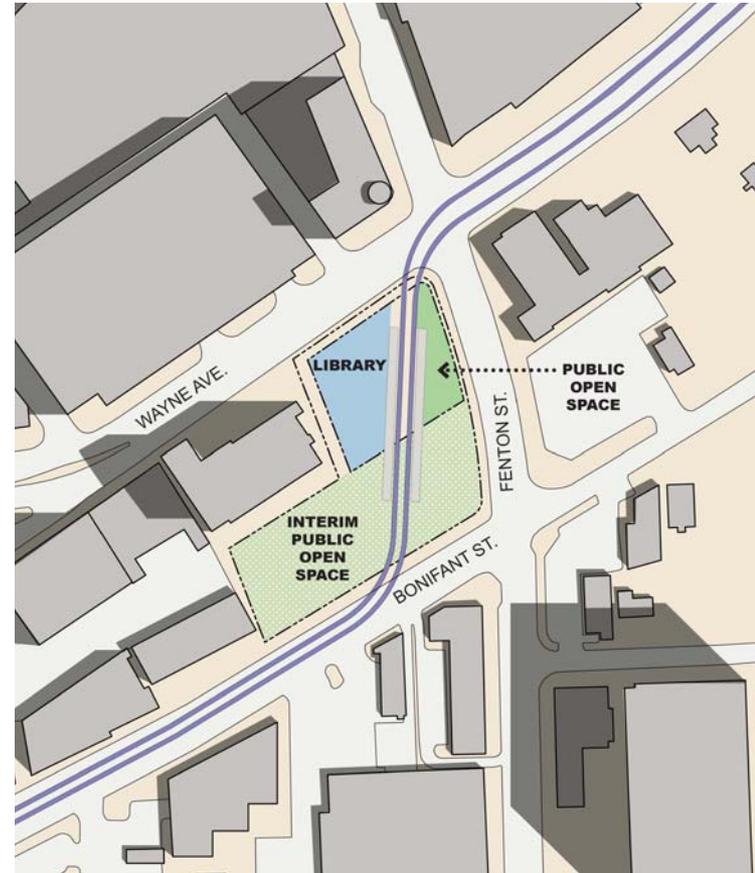
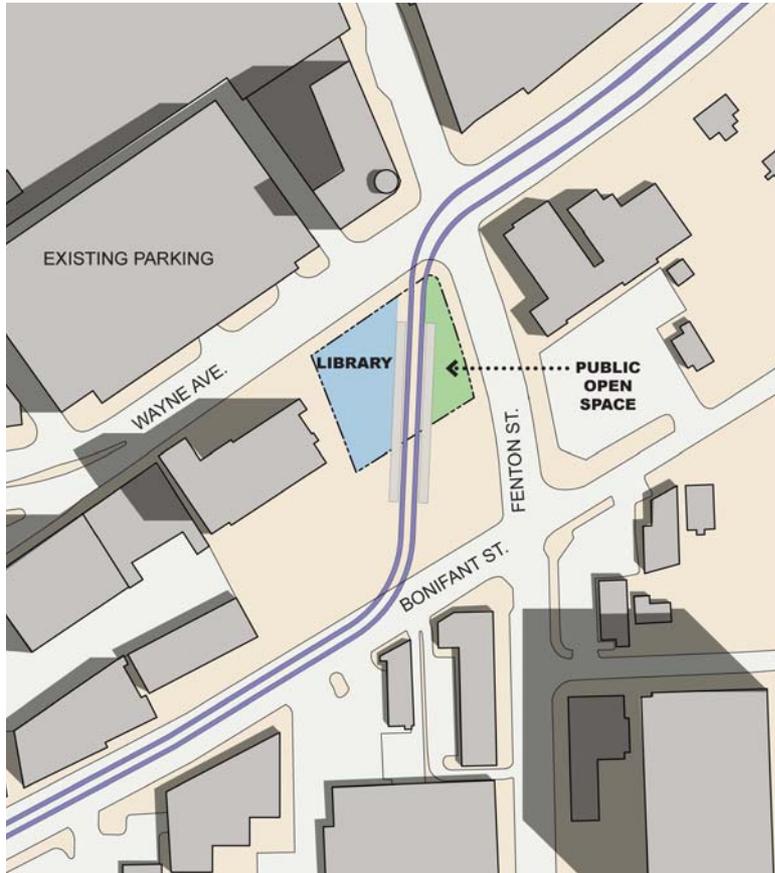
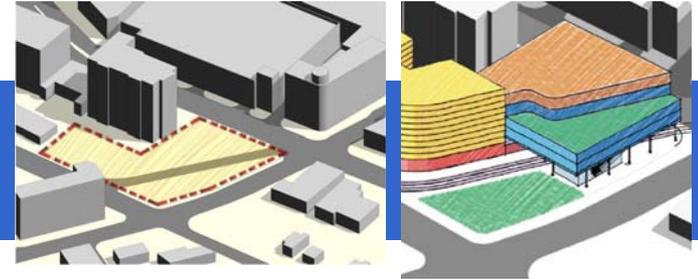


Sixth Level

# Issue 3-Public Open Space

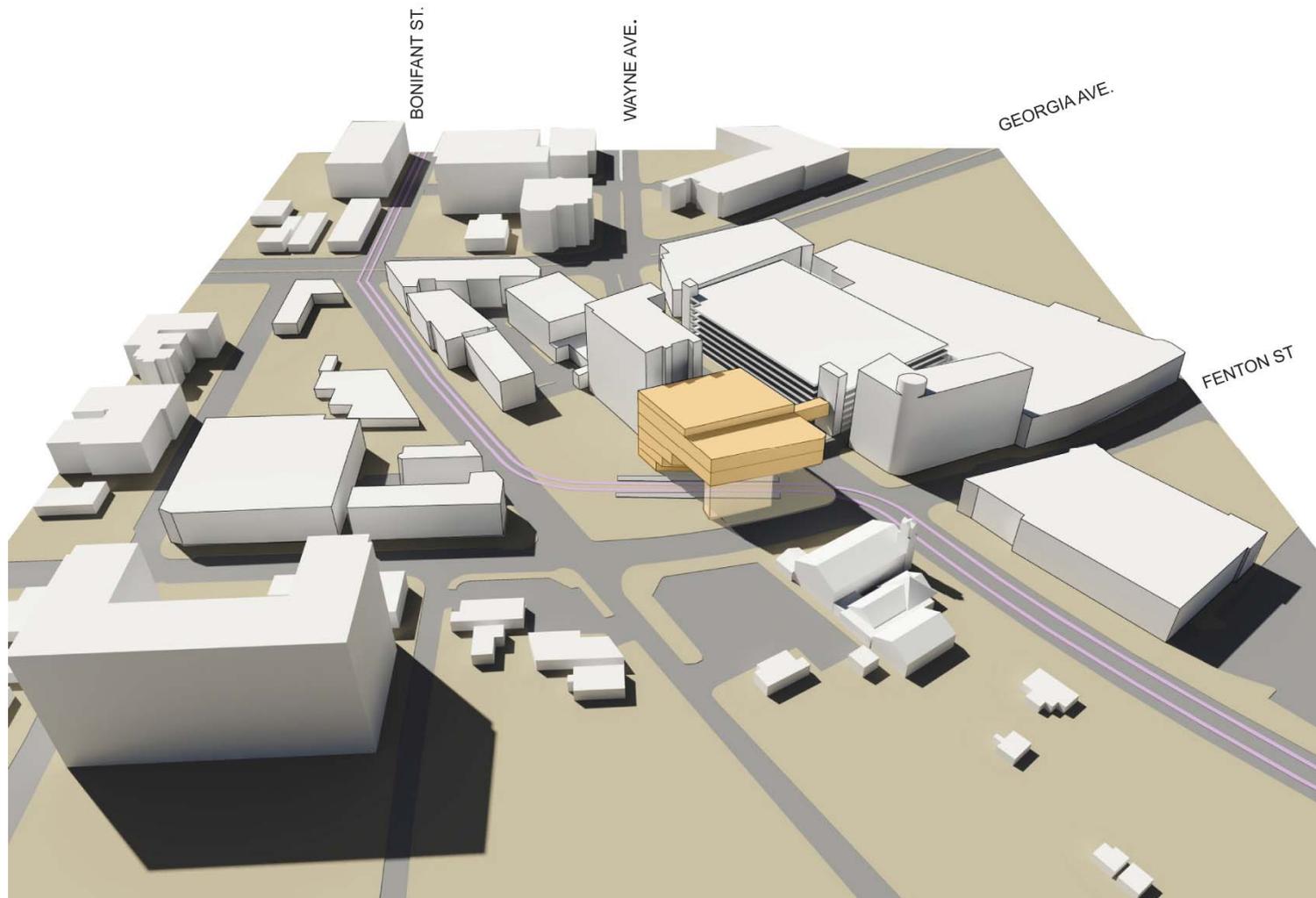


# Issue 3- Public Open Space



**There will be Permanent Open Space as part of the Residential Development**

# Issue 4- Library Exterior



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# Issue 4- Library Exterior



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# Library Massing



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# Issue 4- Library Exterior



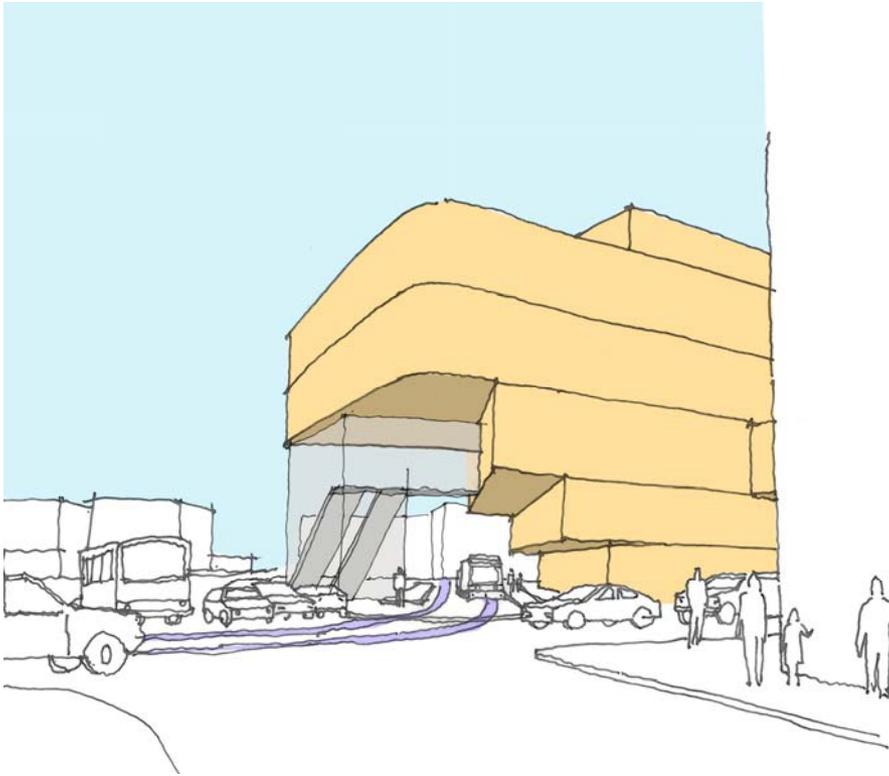
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# Issue 4- Library Exterior



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# Issue 4- Library Exterior



View looking South on Fenton



View looking West down

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# Issue 4- Library Exterior



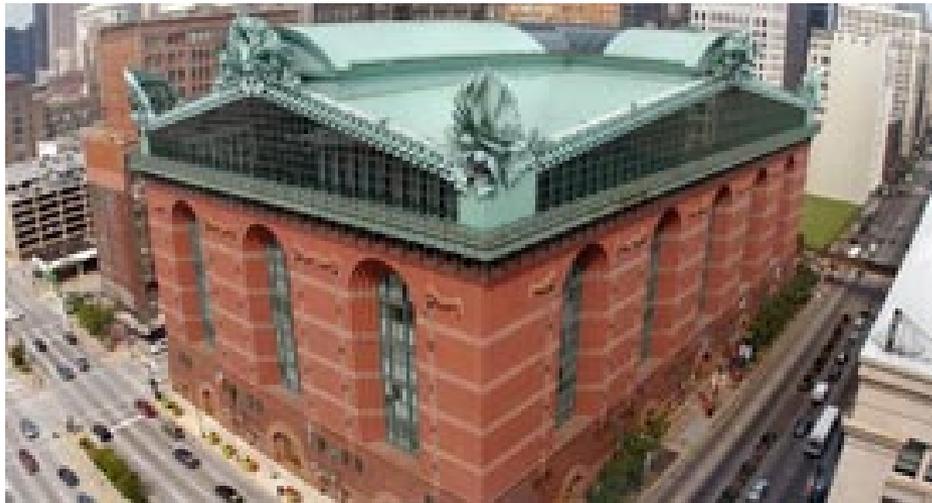
– Visually Open



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# Issue 4-Library Exterior

– Visually solid



# Issue 5-Sustainable Design



- Sustainable Sites - 9
- Water Efficiency - 2
- Energy & Atmosphere - 7
- Materials & Resources - 4
- Environmental Quality - 9
  - Innovation – 2

• **TOTAL POTENTIAL = 33 + Points**

# Issue 5-Sustainable Design



## • What does this mean for Design?

- **Urban Density, SWM, BMP :** **Multistory Library/Green Roofs**
- **Optimize Energy Performance:** **Sunshades, Insulation, Type of Glass**
- **Daylighting of Public Areas :** **Large areas of glass, Minimizes use of electricity**
- **Green roofs:** **Captures storm water, No heat sink, Enhances views**
- **Recycled Materials:** **Finish materials, steel**
- **Low Emitting Materials:** **Type of carpet and paints**
- **Water Use Reduction:** **Low flow toilets, no Irrigation**
- **Regional Materials:** **Minimizes use of fuel**
- **Construction Waste Management:** **Divert waste from Landfills**
- **Green Education Program:** **Teaches/Informs public about the Environment**

# Project Issues

1. Library Access
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# Next Steps

- Develop Initial Floor Plans
- Develop Initial Exterior Massing Concepts
- Develop Initial Exterior Design Concepts

