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Montgomery County Silver Spring Library



REOI Pre Proposal Meeting

February 21, 2012



Montgomery County Silver Spring Library



Design Team

The Lukmire Partnership Architects

Mendoza Ribas Farinas: MEP

MCLA: Lighting

Wright Engineering: IT

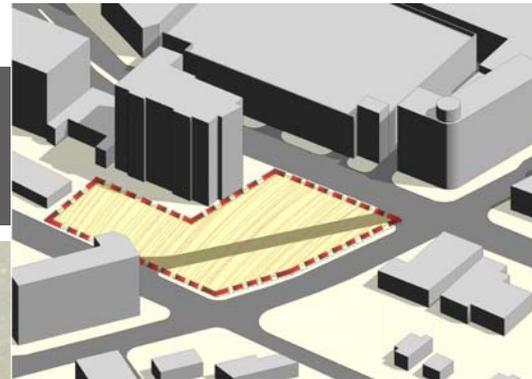
Columbia Engineering: Structure

Adtek: Civil

Parker Rodriguez: Landscape

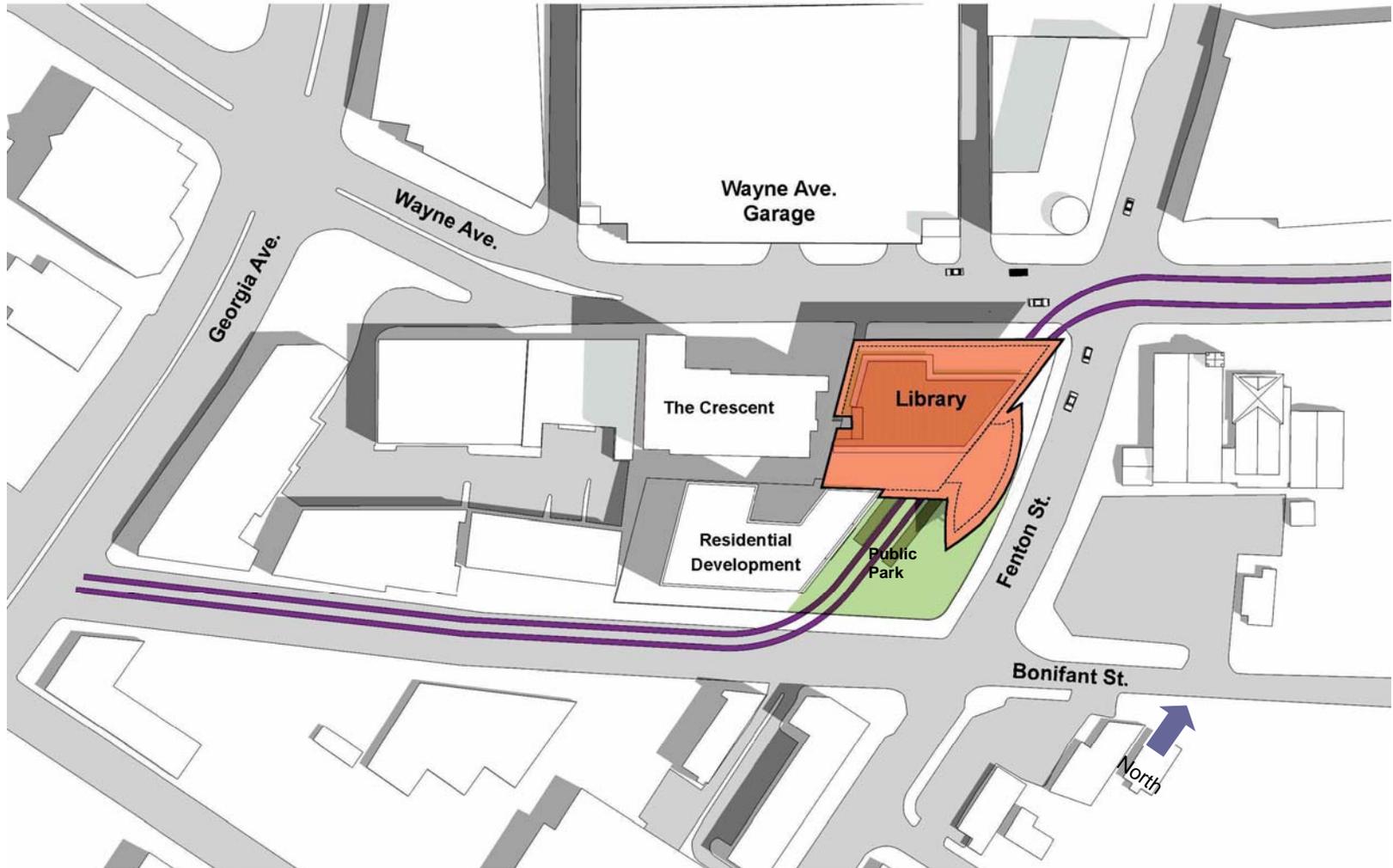


Site





Site Plan

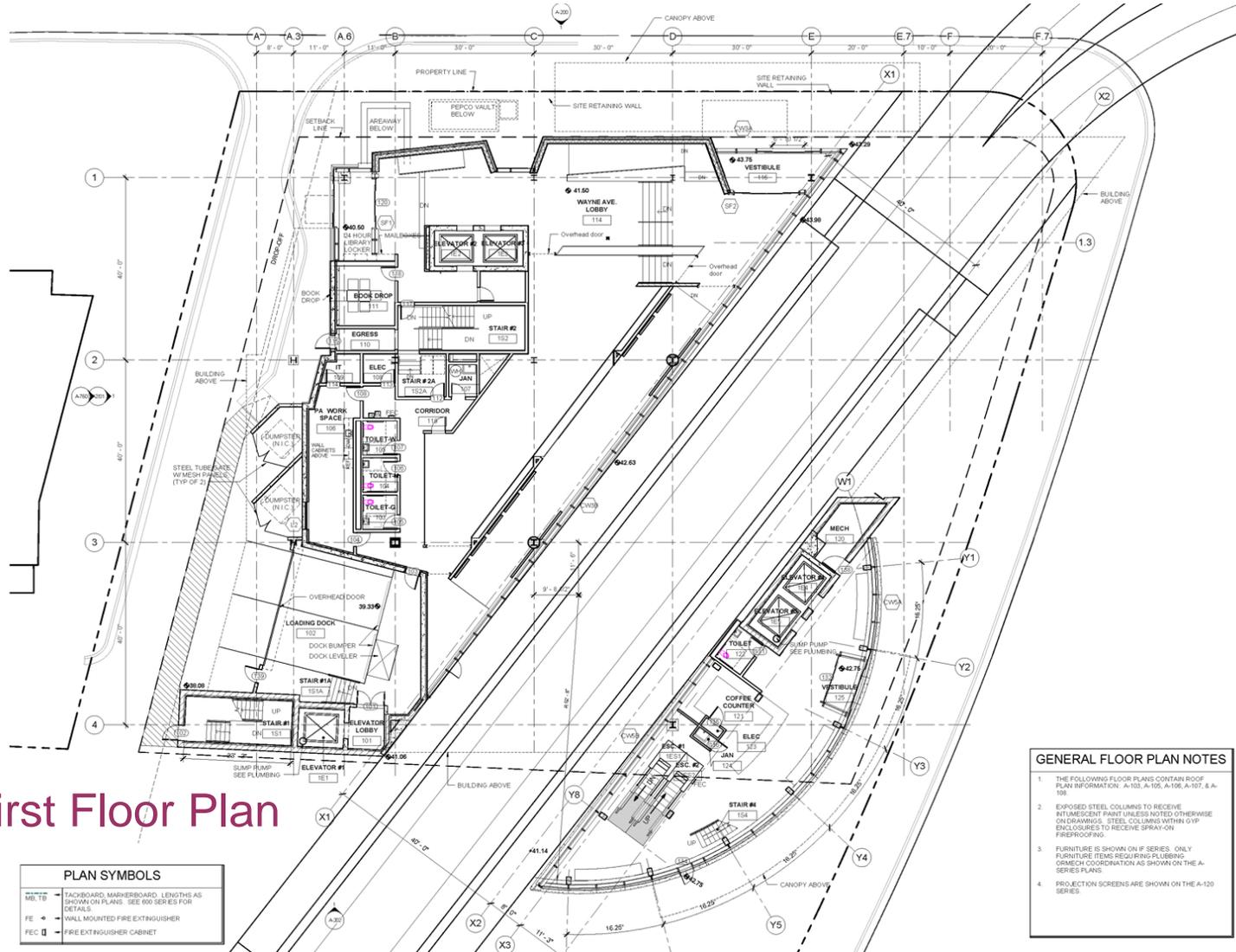


Montgomery County Silver Spring Library





Montgomery County Silver Spring Library



First Floor Plan

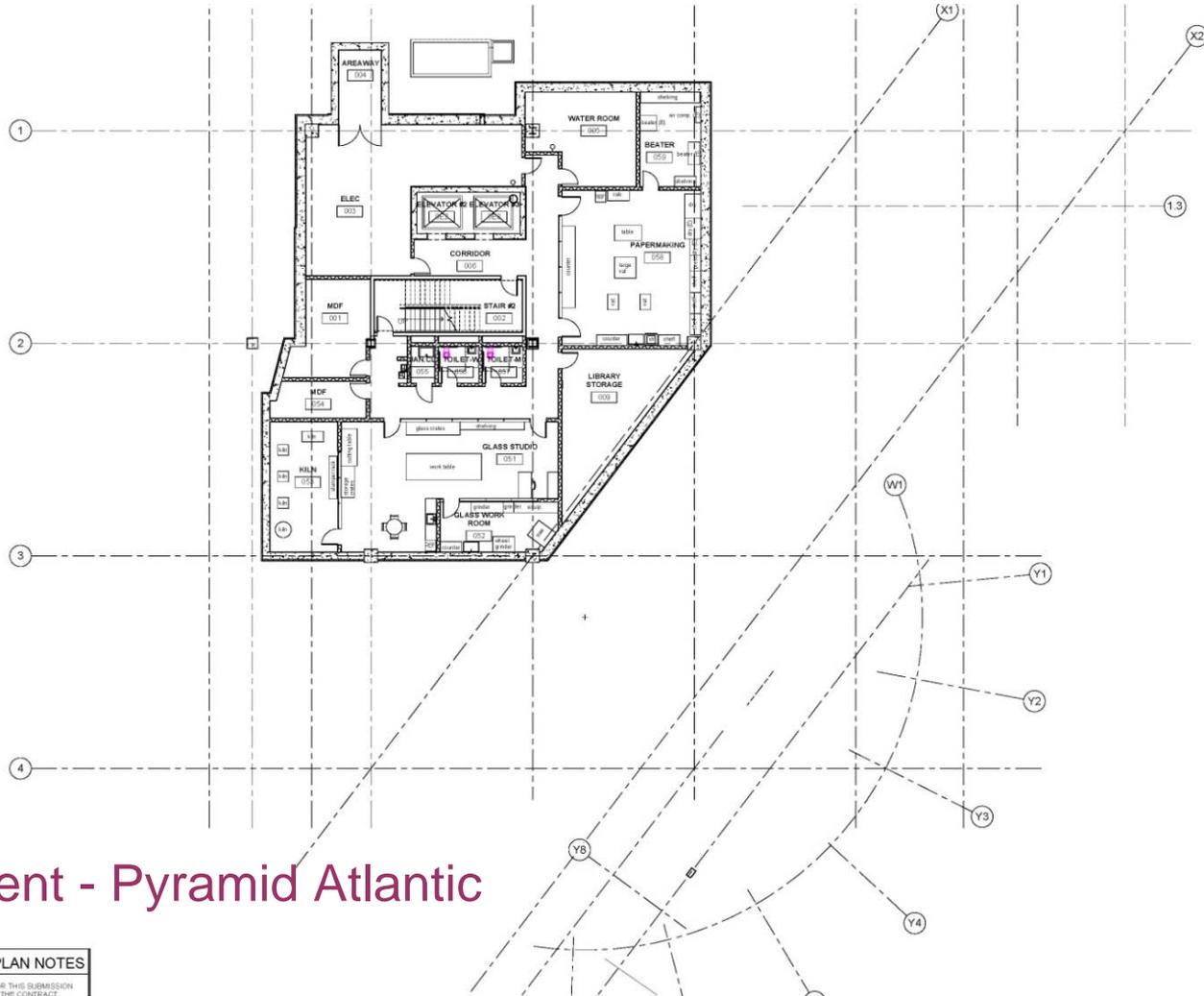
PLAN SYMBOLS	
MB, TB	TACKBOARD, MARKERBOARD, LENGTHS AS SHOWN ON PLANS. SEE 600 SERIES FOR DETAILS.
FE	WALL MOUNTED FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET

- GENERAL FLOOR PLAN NOTES**
1. THE FOLLOWING FLOOR PLANS CONTAIN ROOF PLAN INFORMATION: A-101, A-105, A-106, A-107, & A-108.
 2. EXPOSED STEEL COLUMNS TO RECEIVE INTUMESCENT PAINT UNLESS NOTED OTHERWISE ON DRAWINGS. STEEL COLUMNS WITHIN GYP ENCLLOSURES TO RECEIVE SPRAY-ON FIREPROOFING.
 3. FURNITURE IS SHOWN ON IF SERIES. ONLY FURNITURE ITEMS REQUIRING FLUSSING OR MECH COORDINATION AS SHOWN ON THE A-SERIES PLANS.
 4. PROJECTION SCREENS ARE SHOWN ON THE A-120 SERIES.





Montgomery County Silver Spring Library



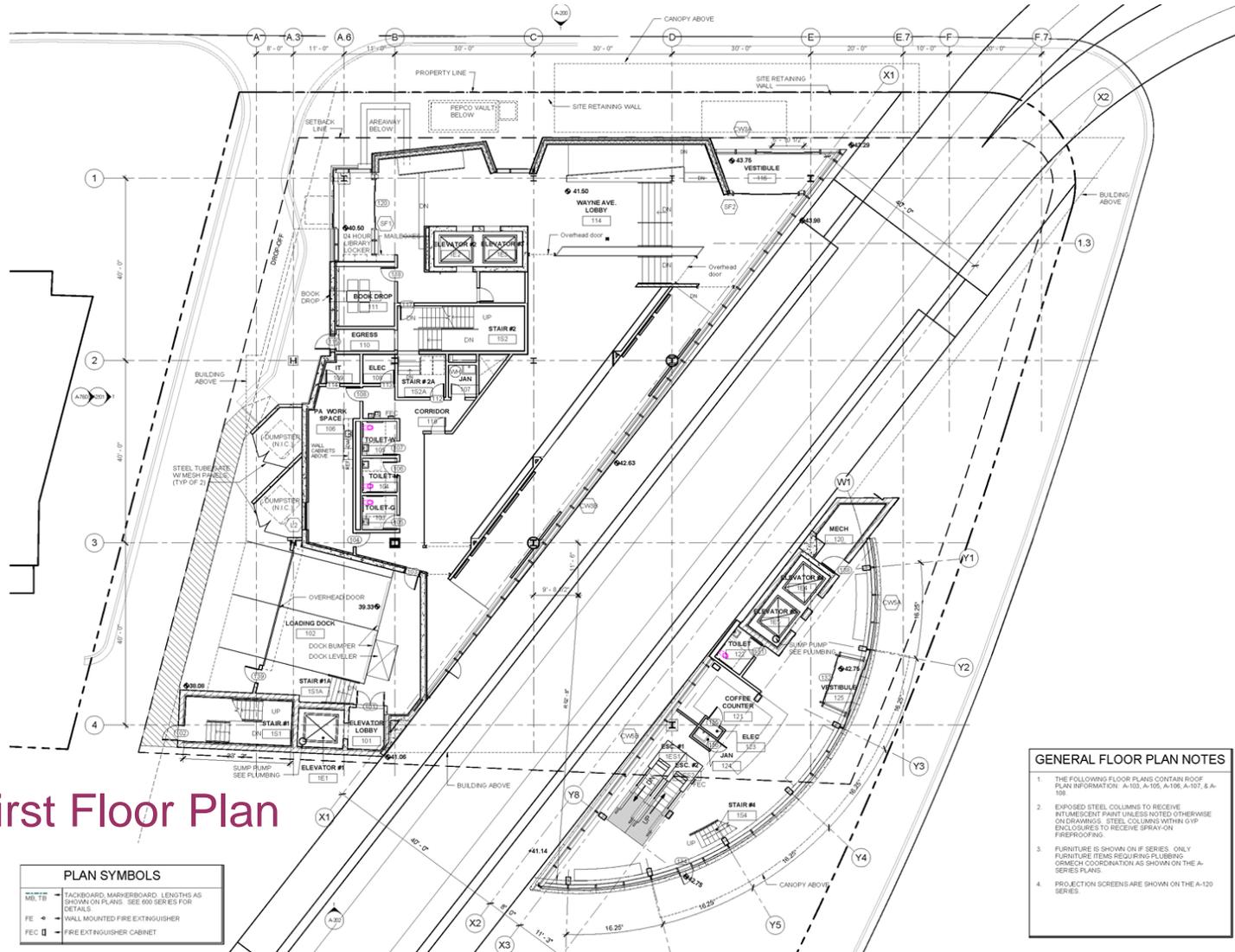
Basement - Pyramid Atlantic

GENERAL FURNITURE PLAN NOTES
1. FURNITURE IS SHOWN ON THESE PLANS FOR THIS SUBMISSION FOR COORDINATION PURPOSES ONLY. THE CONTRACT





Montgomery County Silver Spring Library



First Floor Plan

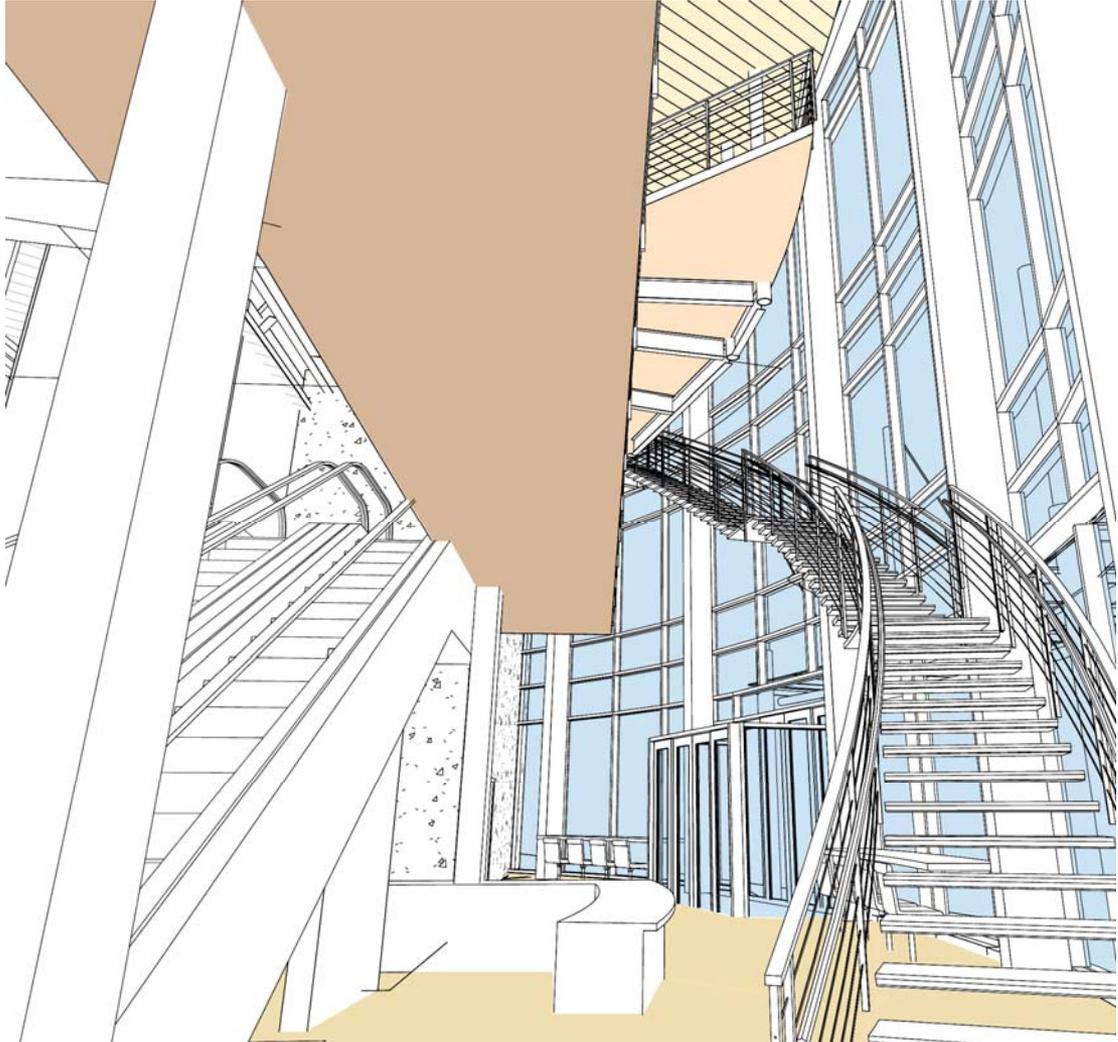
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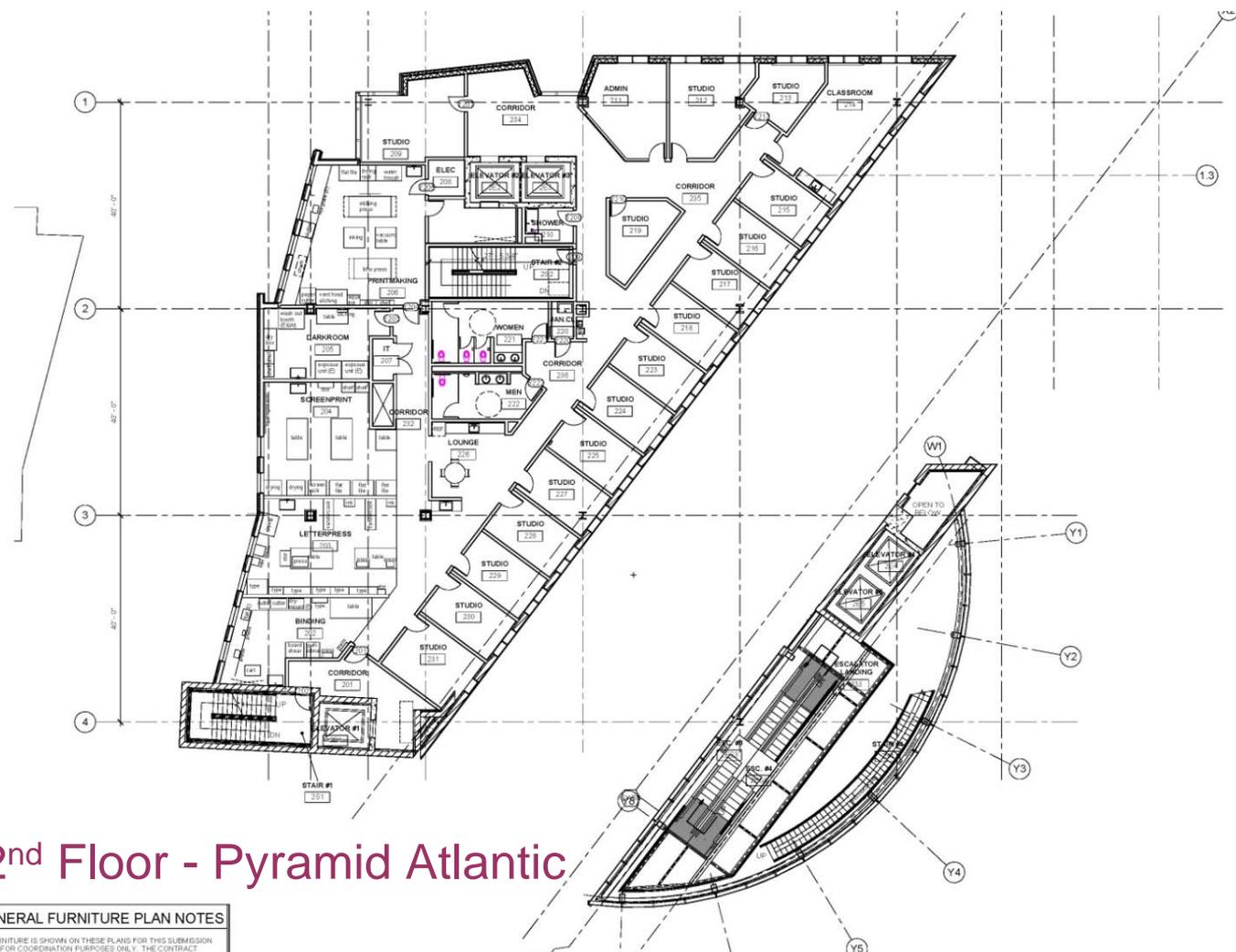
Fenton Street Pavilion

Perspective View from the First Floor





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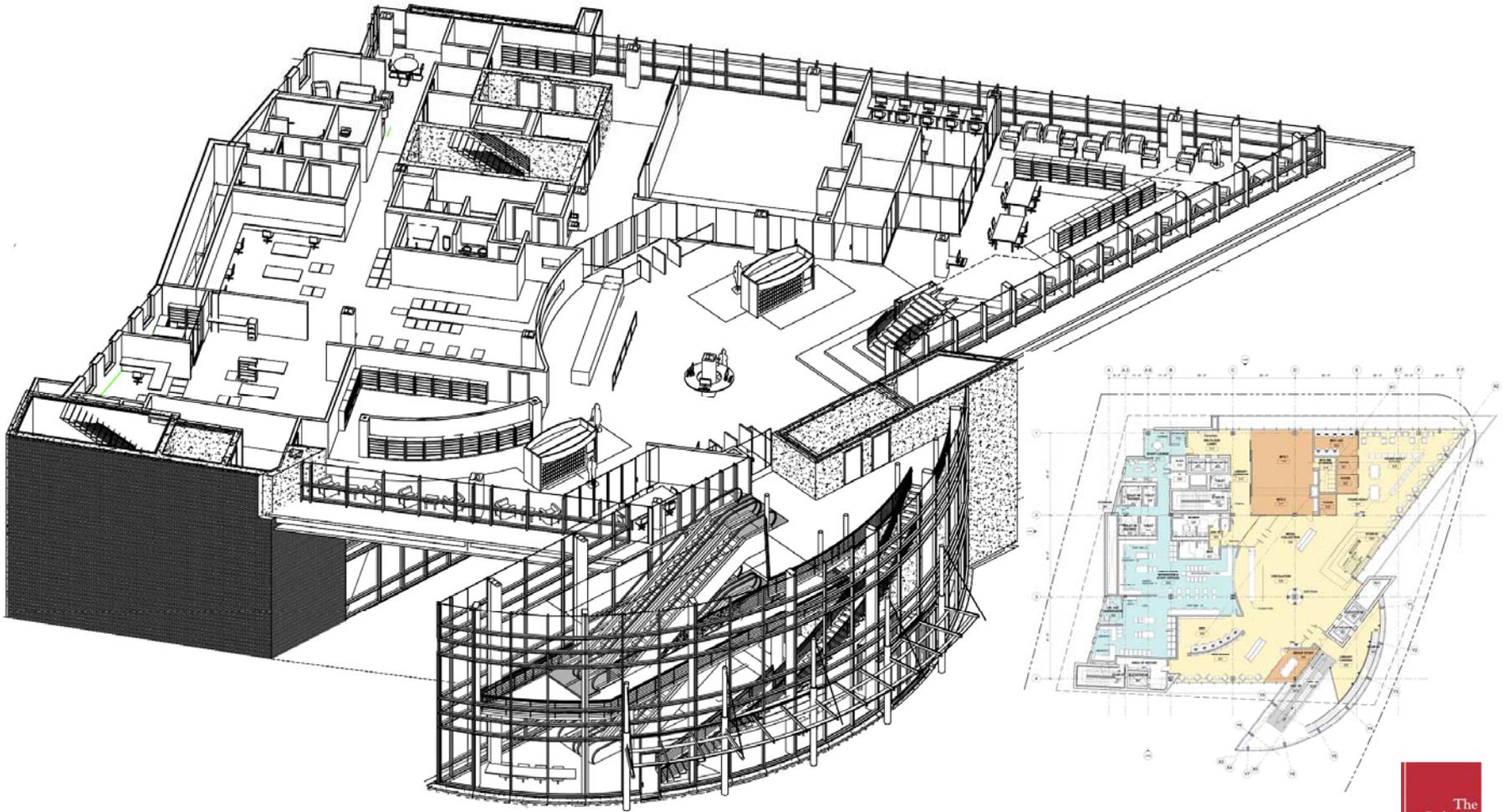
2nd Floor - Pyramid Atlantic

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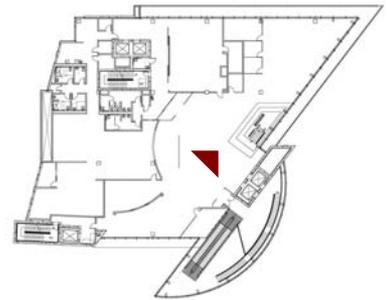
Library Floors

Third Floor Axonometric



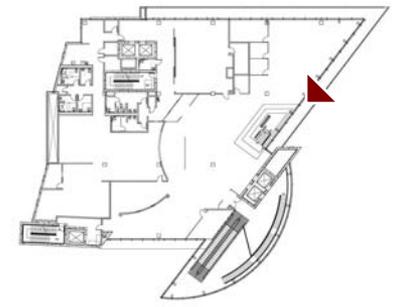
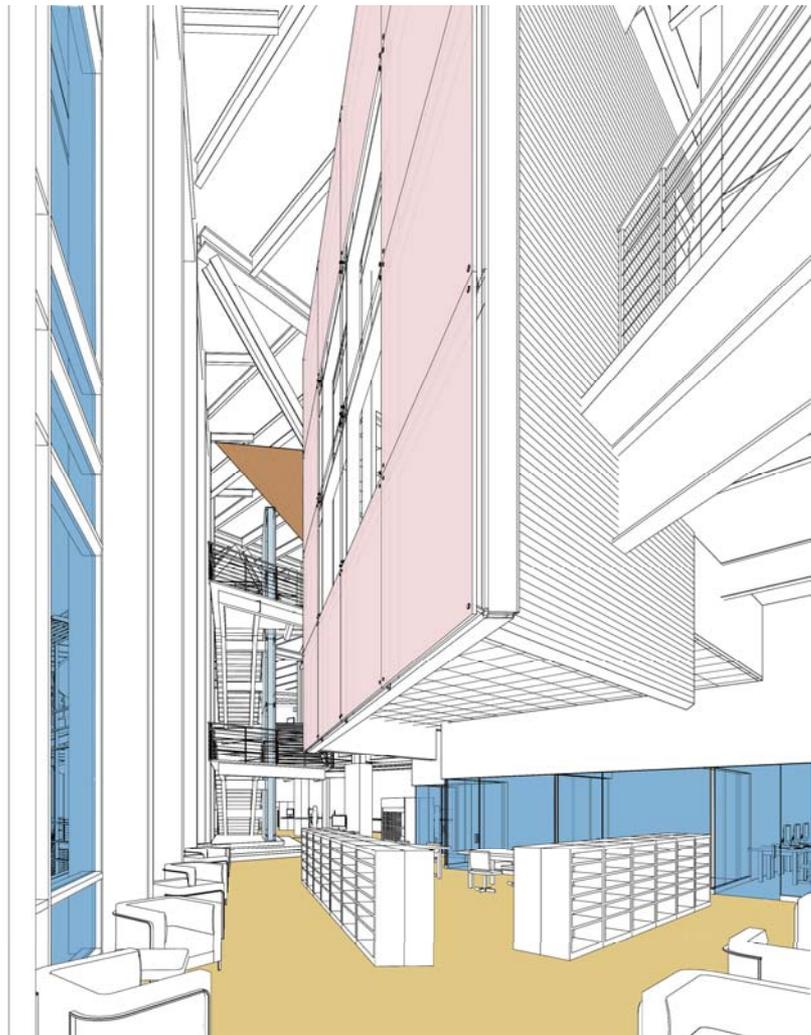
Library Floors

Third Floor Perspective – Looking south toward YA



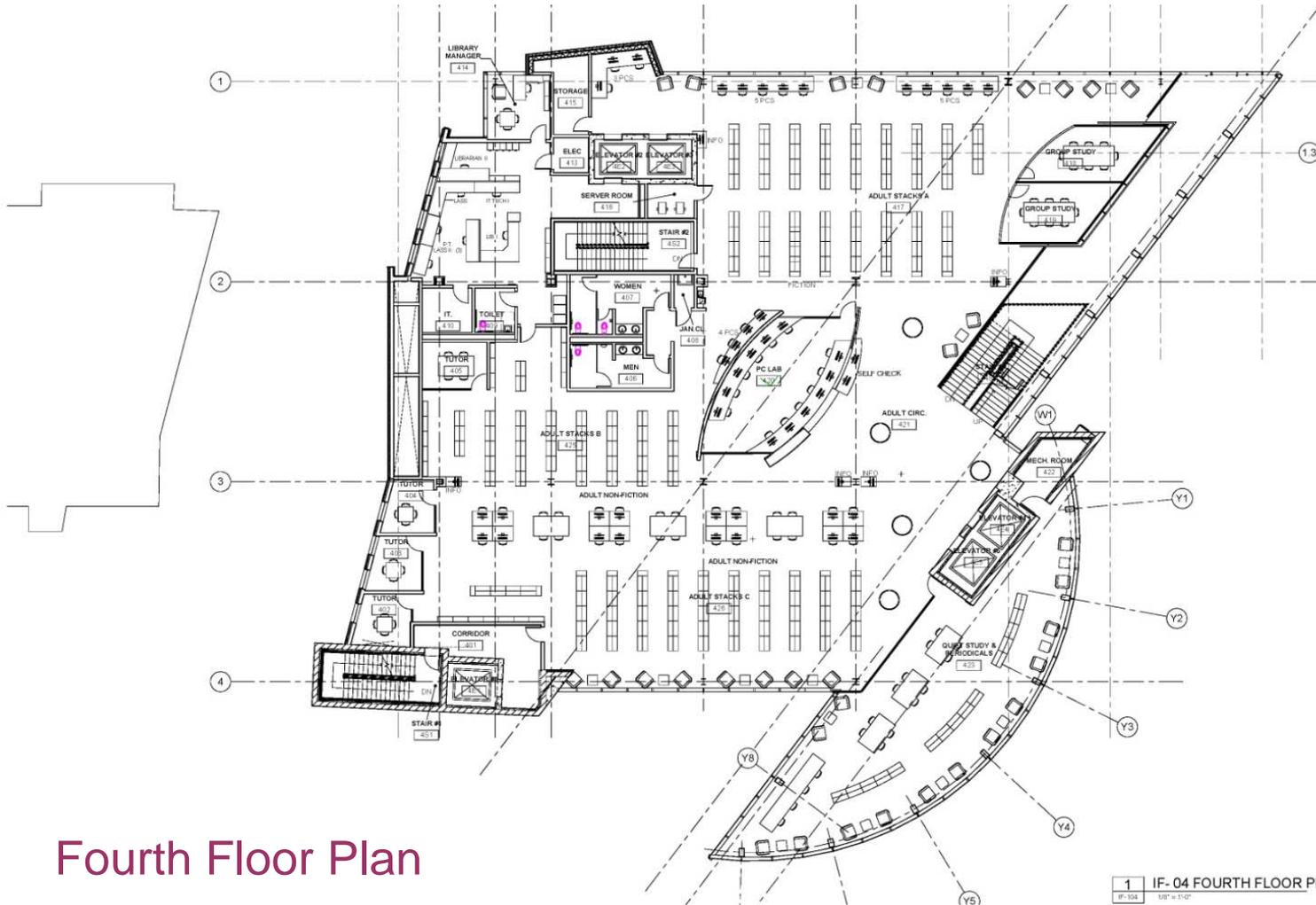
Library Floors

Third Floor – Looking south from YA





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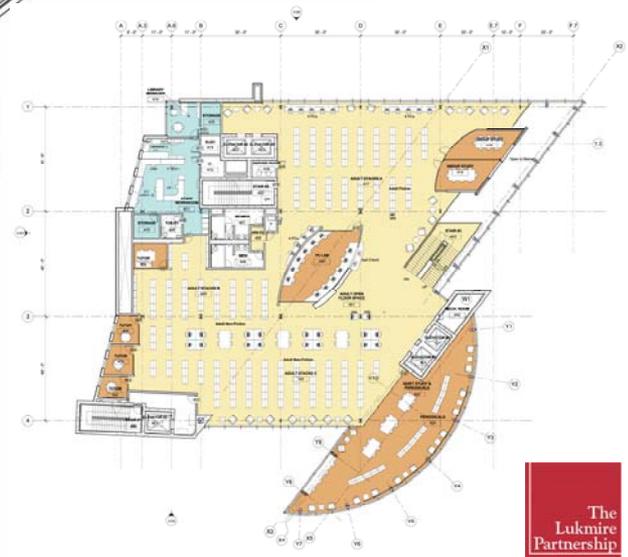
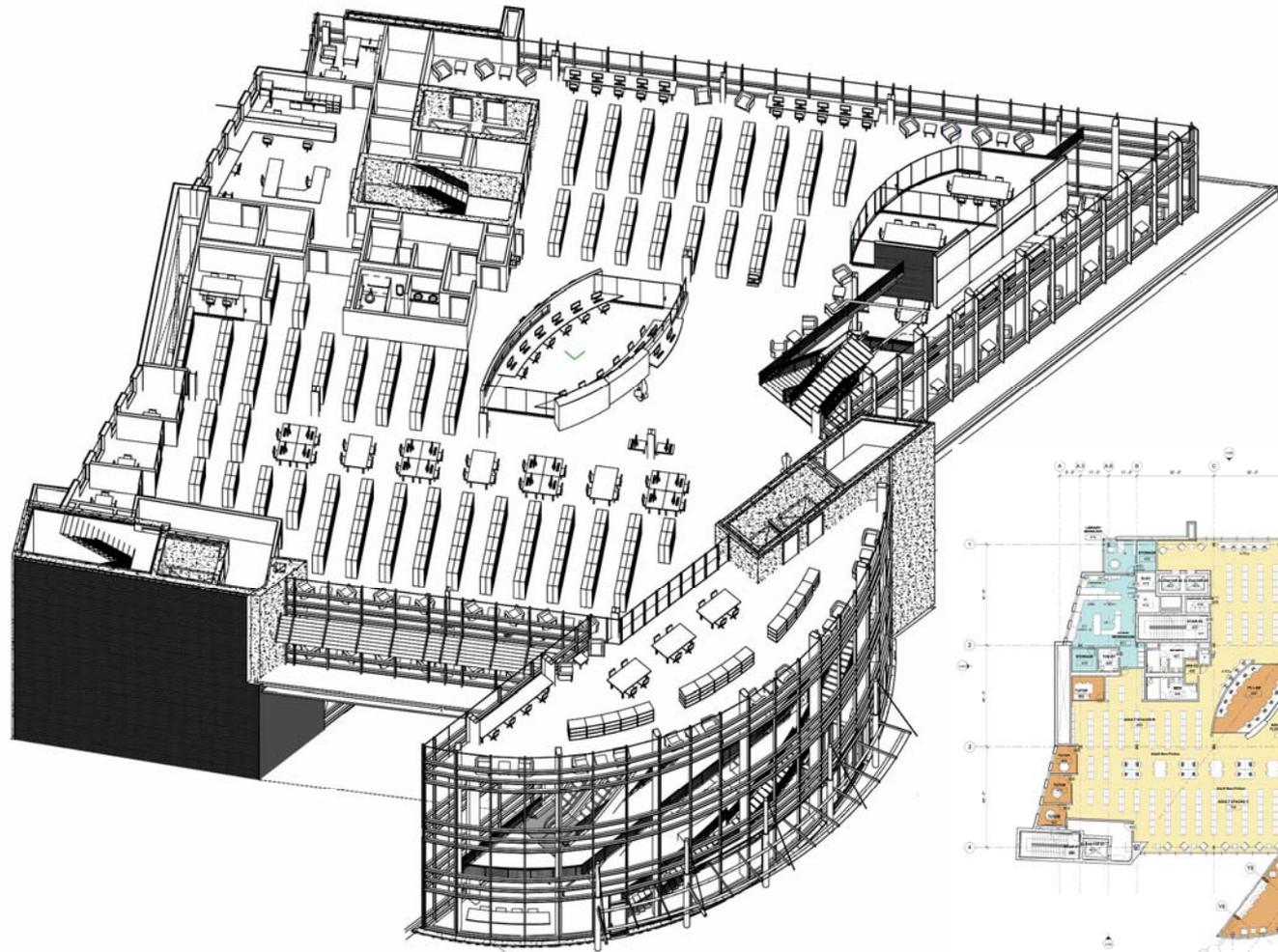


Fourth Floor Plan



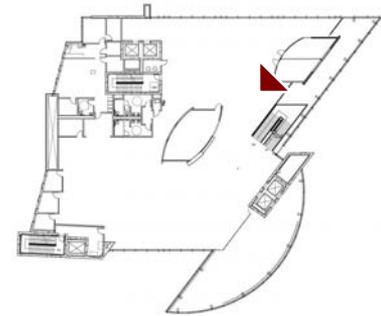
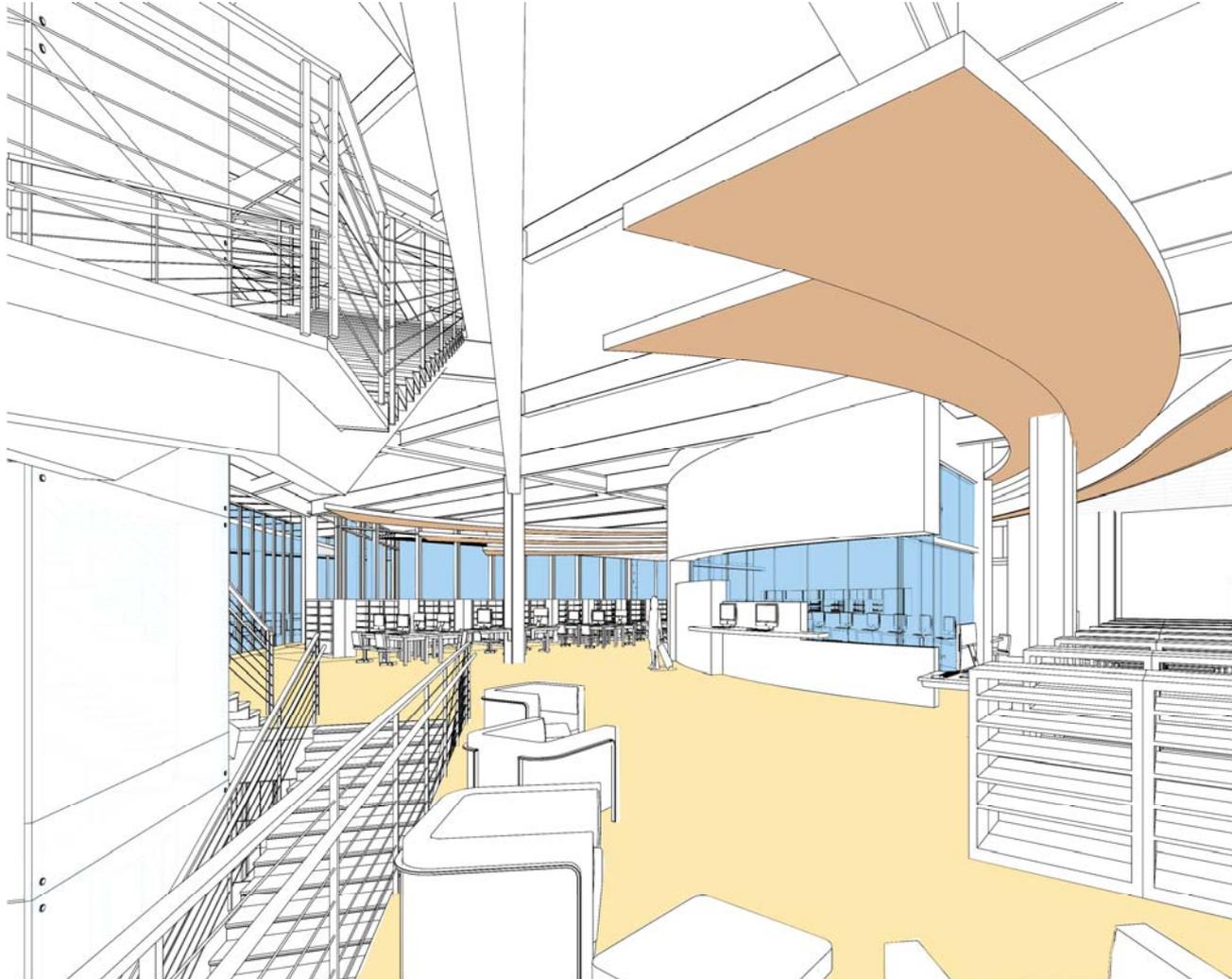
Library Floors

Fourth Floor Axonometric



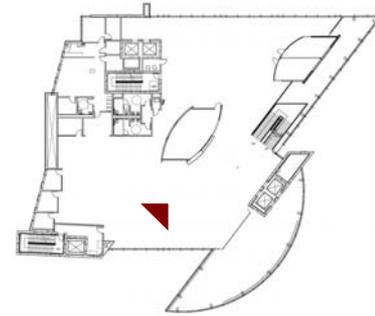
Library Floors

Fourth Floor Perspective – Looking south to PC Lab



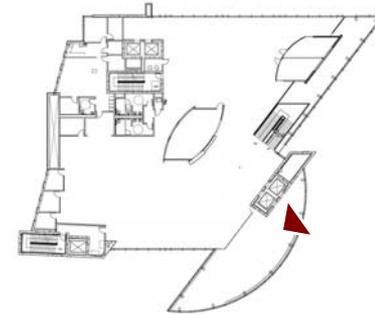
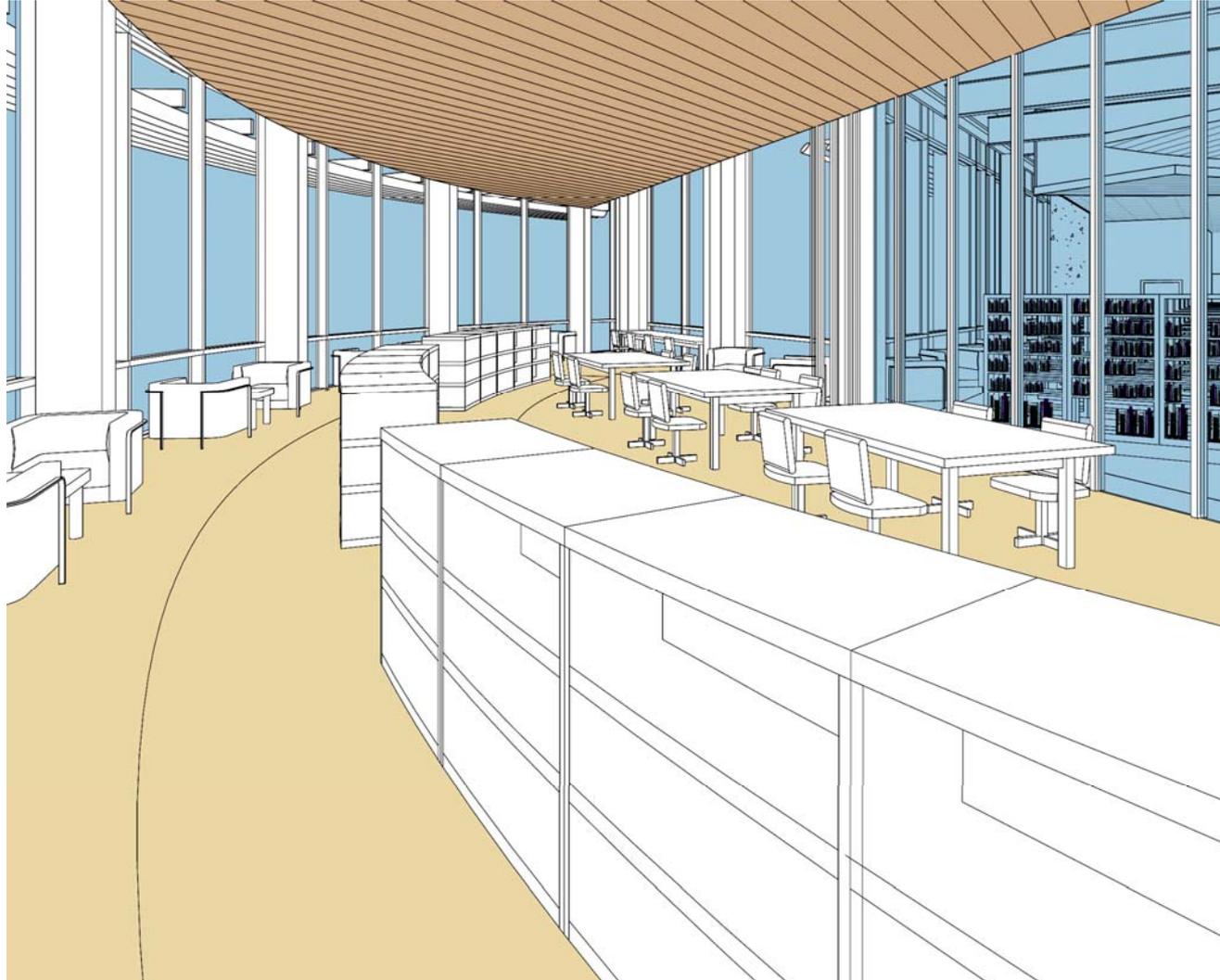
Library Floors

Fourth Floor Perspective – Looking north to PC Lab

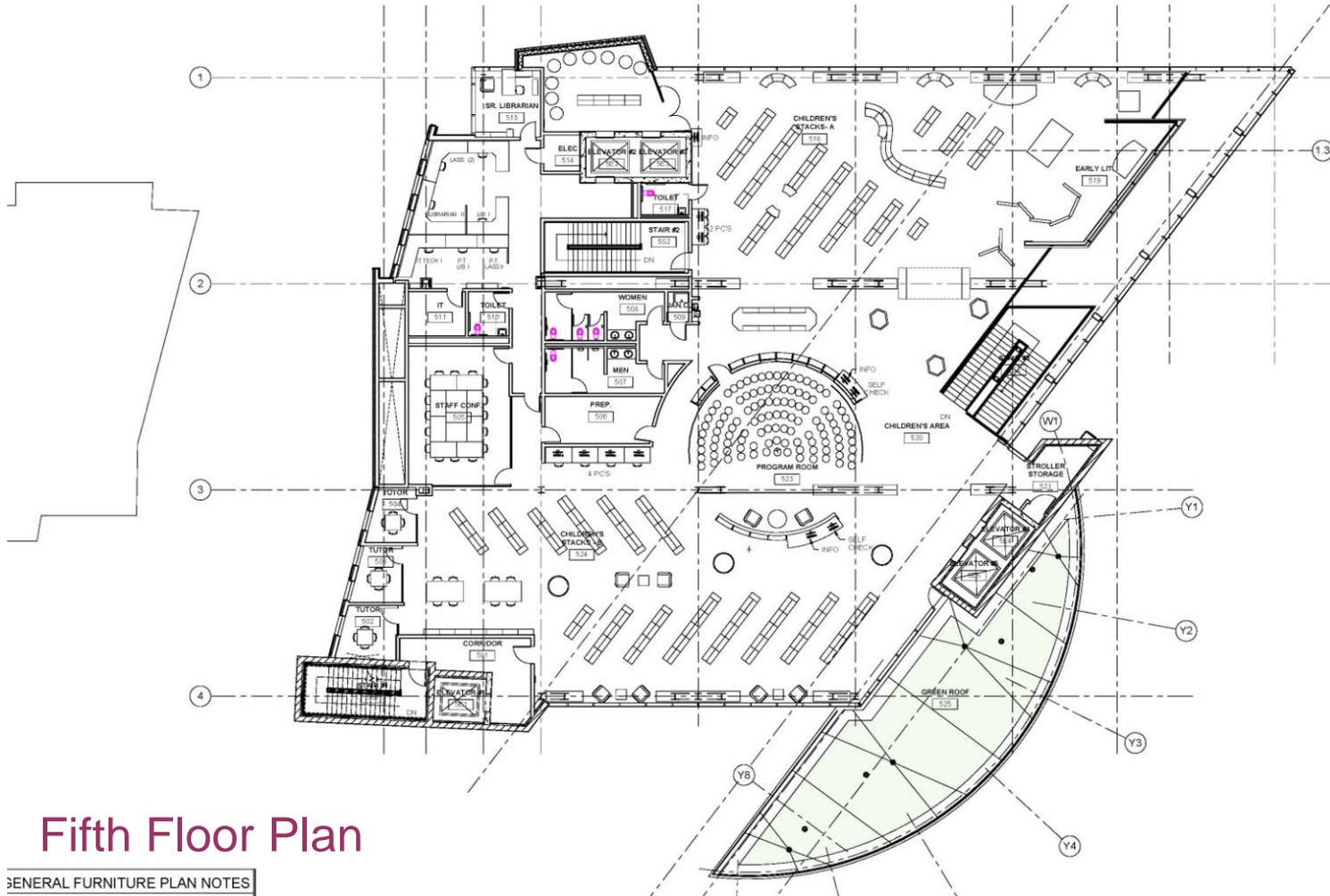


Library Floors

Fourth Floor Perspective – Quiet Study Room



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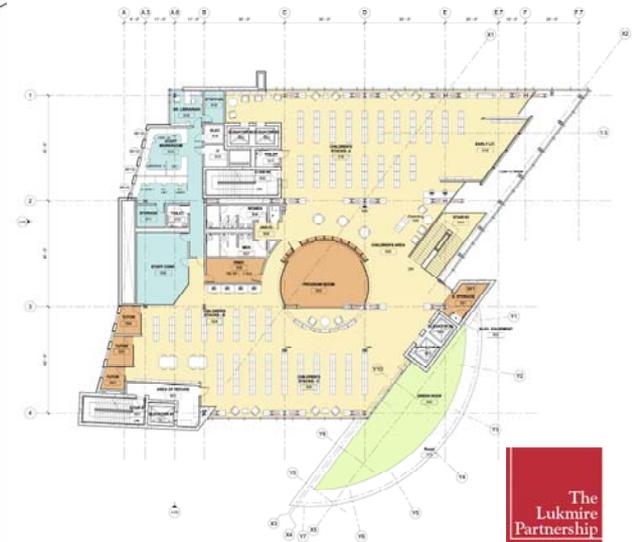
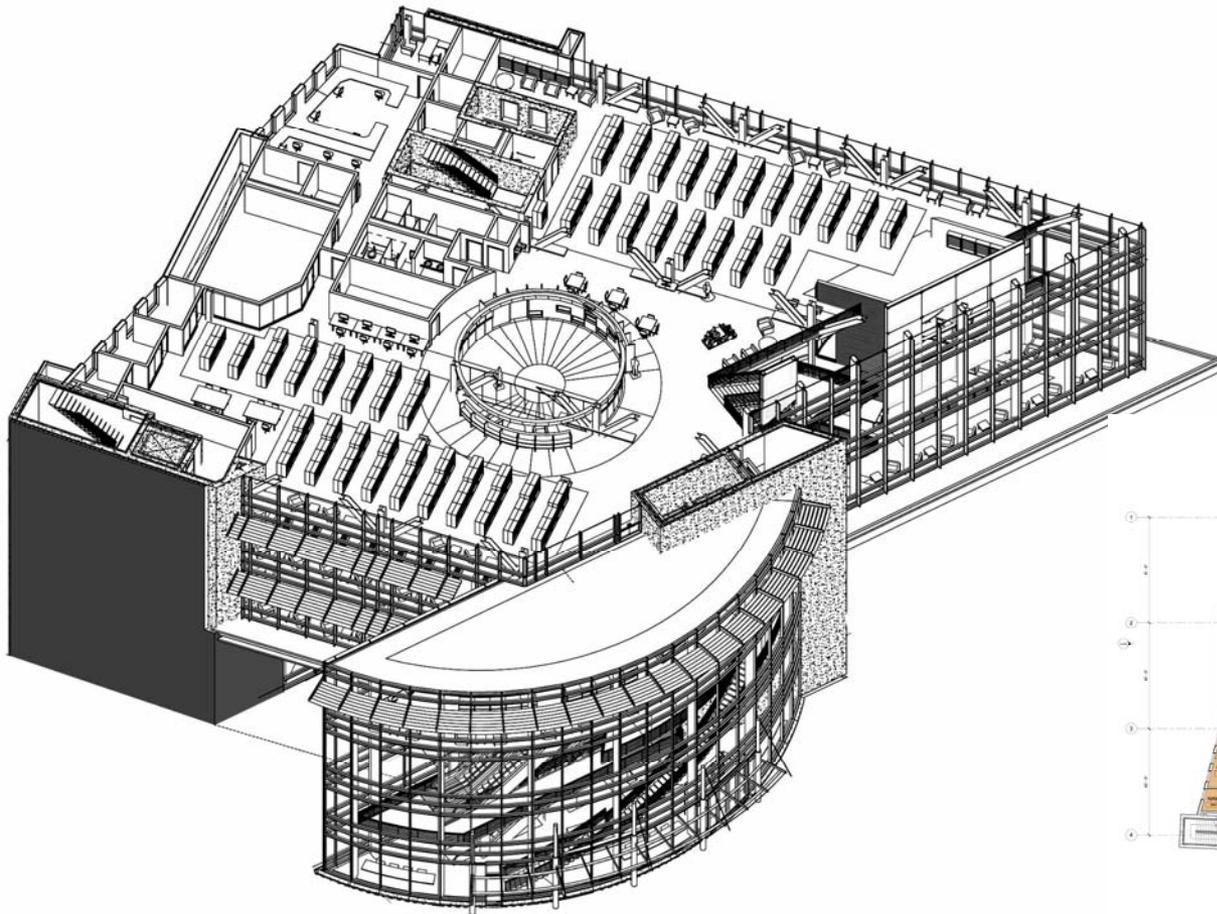


Fifth Floor Plan

GENERAL FURNITURE PLAN NOTES

Library Floors

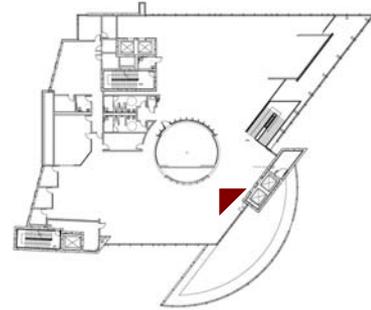
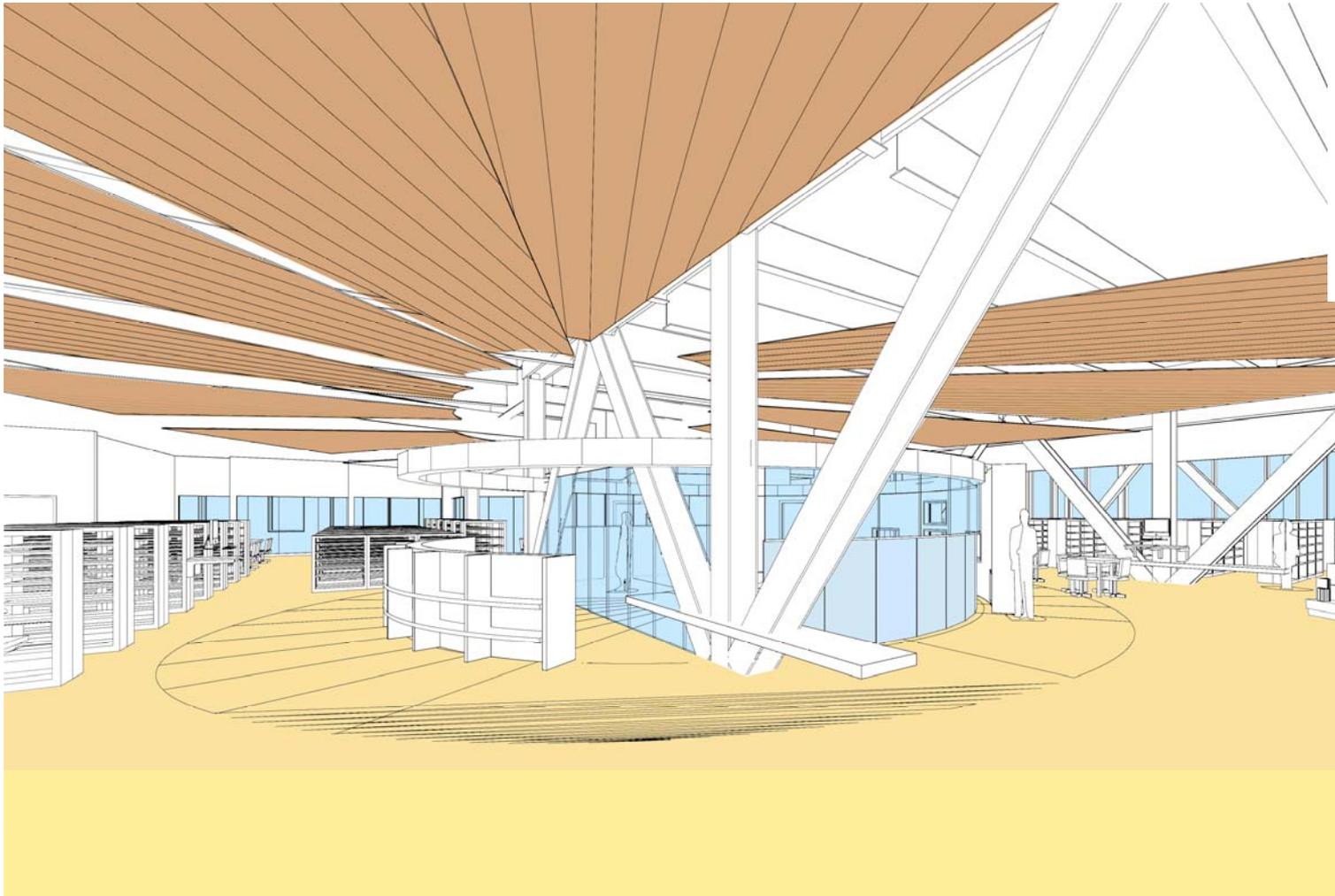
Fifth Floor Axonometric





Library Floors

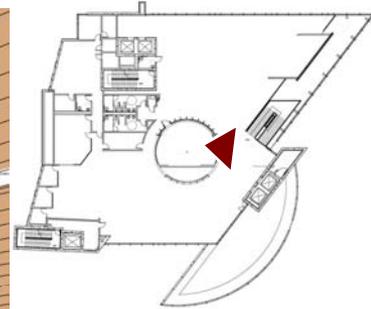
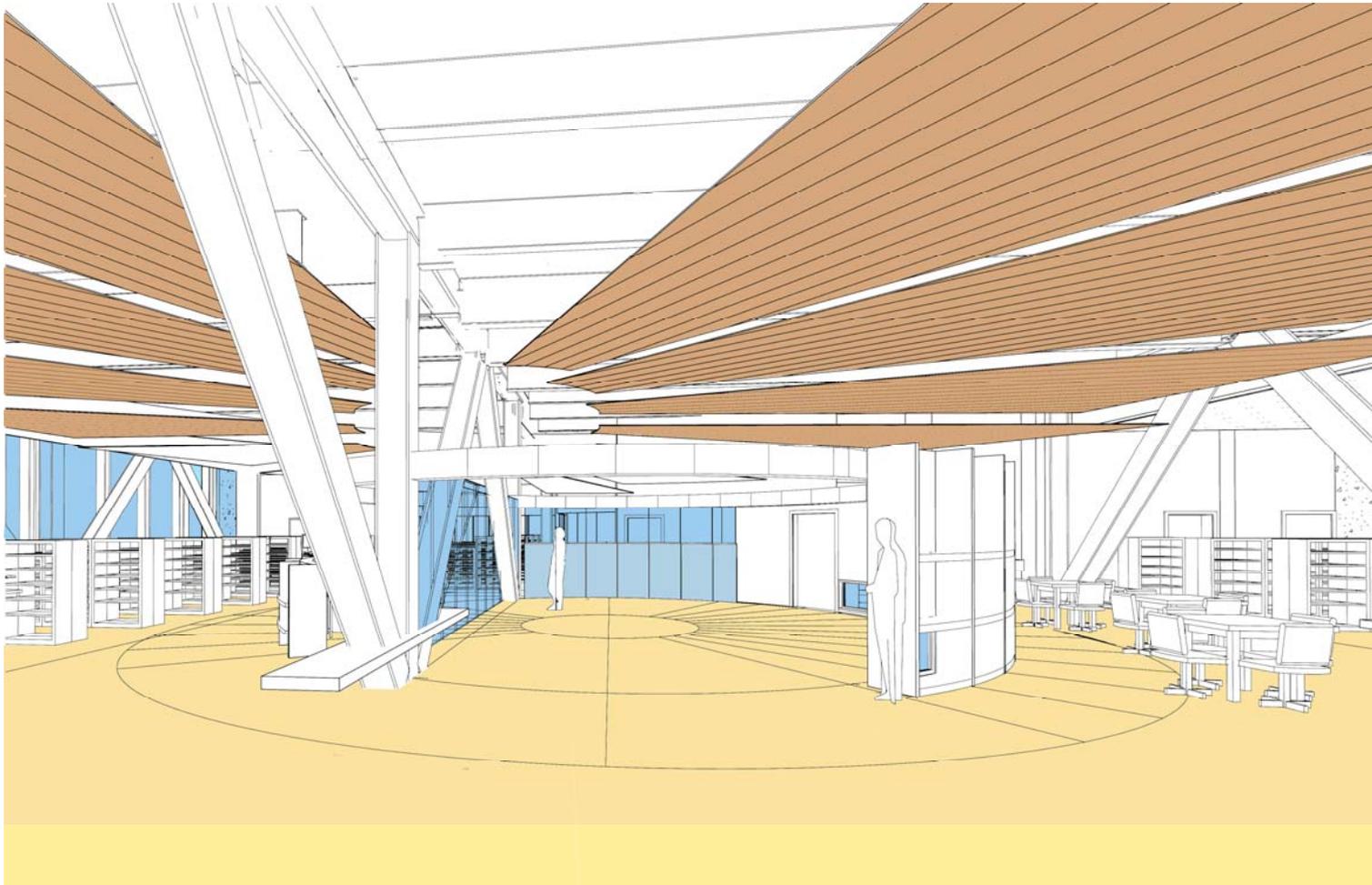
Fifth Floor Perspective – Looking west to Children’s Program Room





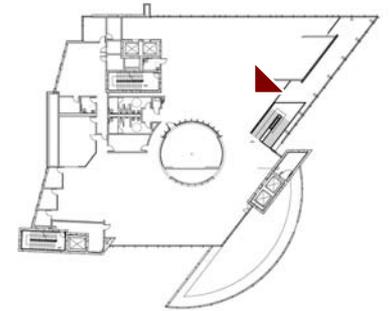
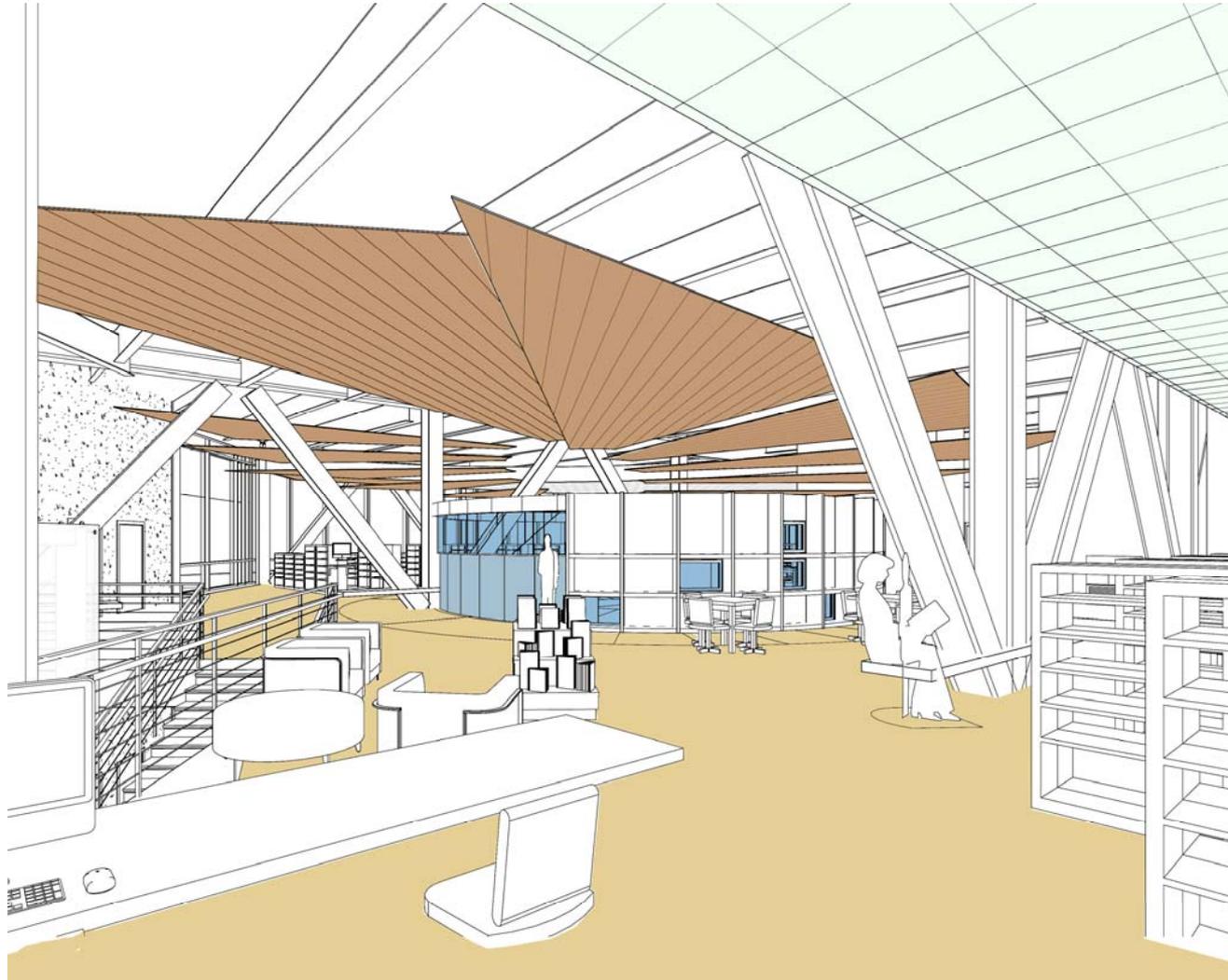
Library Floors

Fifth Floor Perspective – Children’s Program Room with Door Open



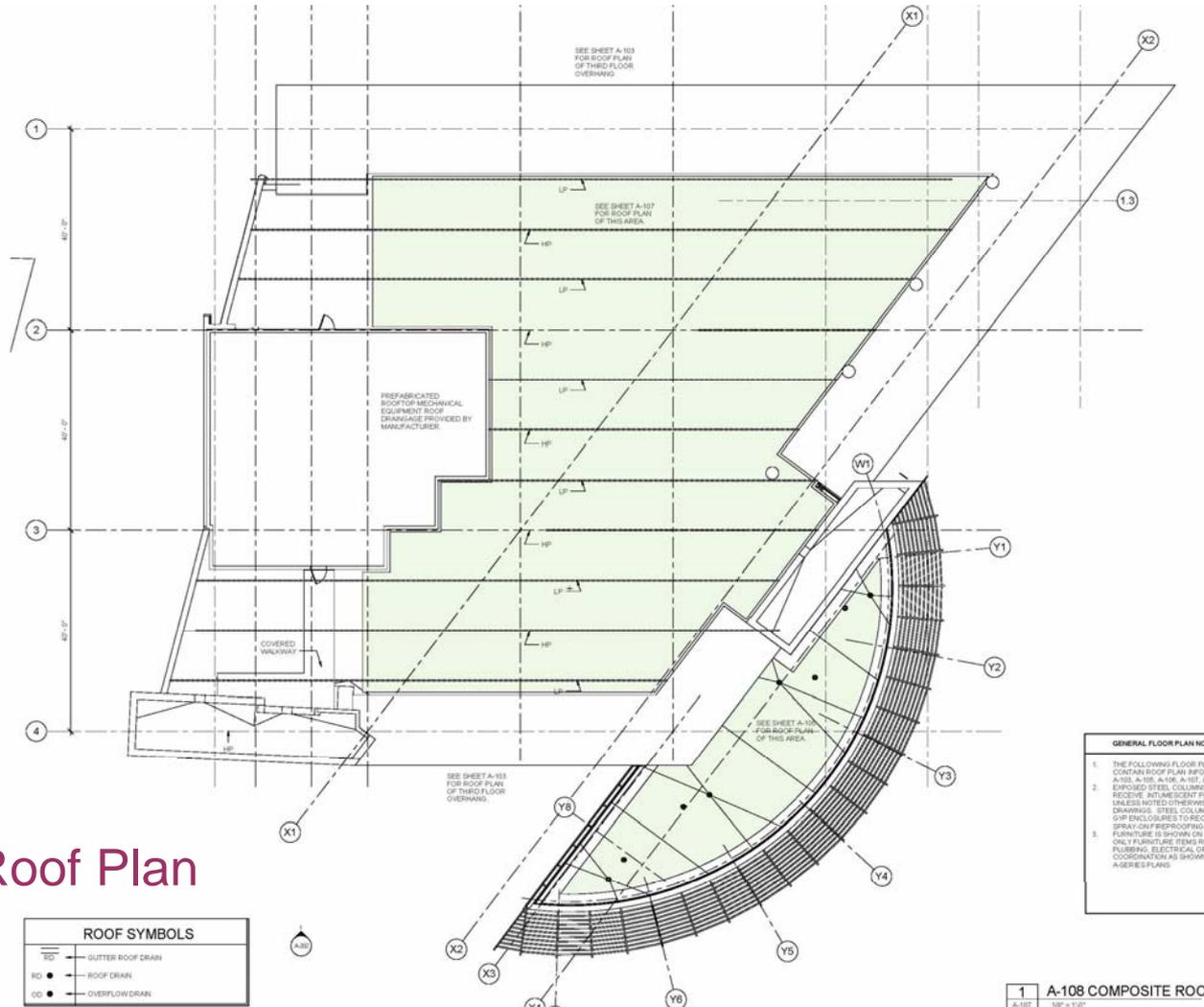
Library Floors

Fifth Floor Perspective – Looking north to Children’s Program Room





Montgomery County Silver Spring Library



Roof Plan

ROOF SYMBOLS	
	GUTTER ROOF DRAIN
	ROOF DRAIN
	OVERFLOW DRAIN

GENERAL FLOOR PLAN NC

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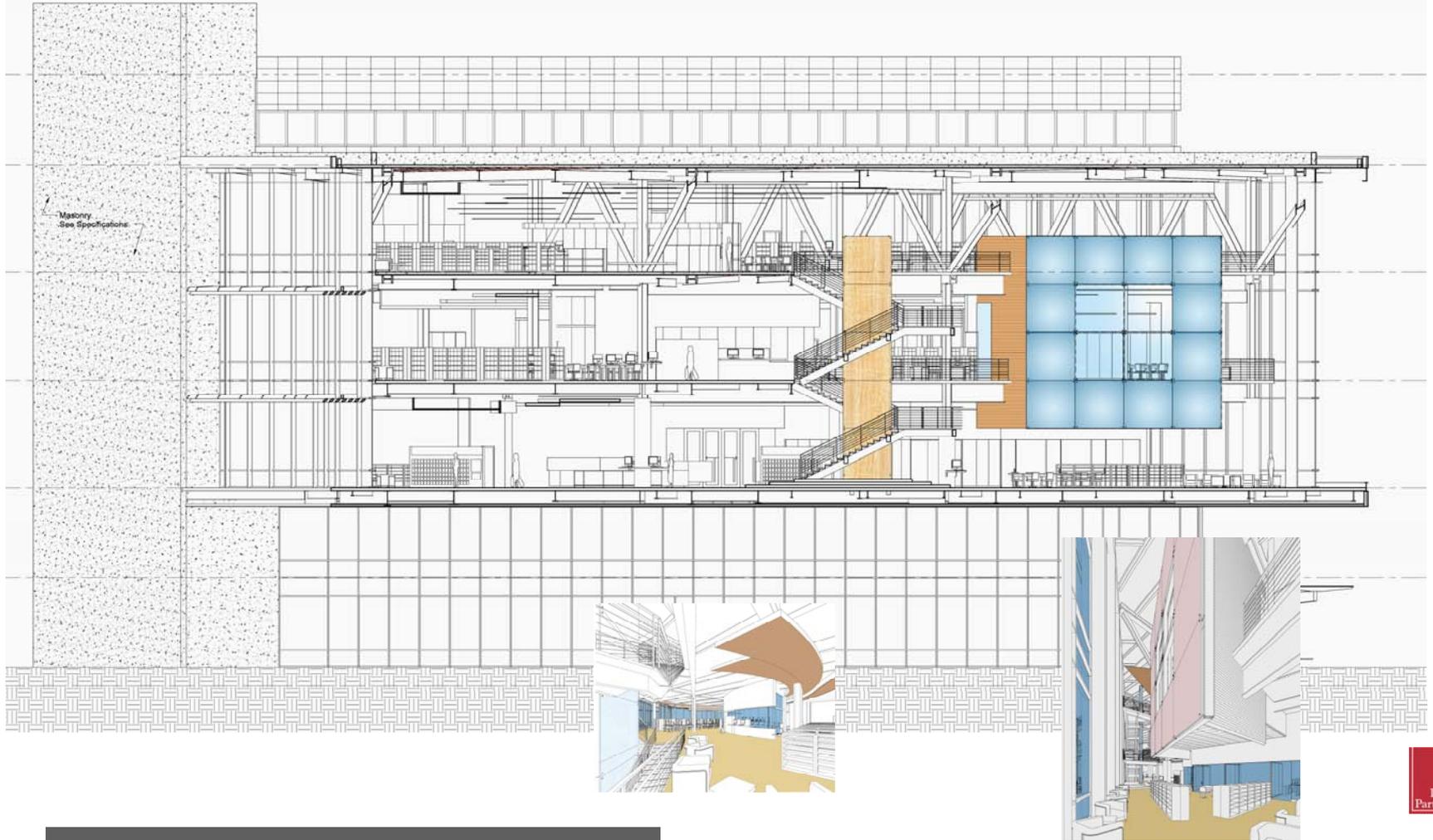
1 A-108 COMPOSITE ROOF
1/8" = 1'-0"





Section thru Library Floors

The "Box" and the Grand Stair Elevation



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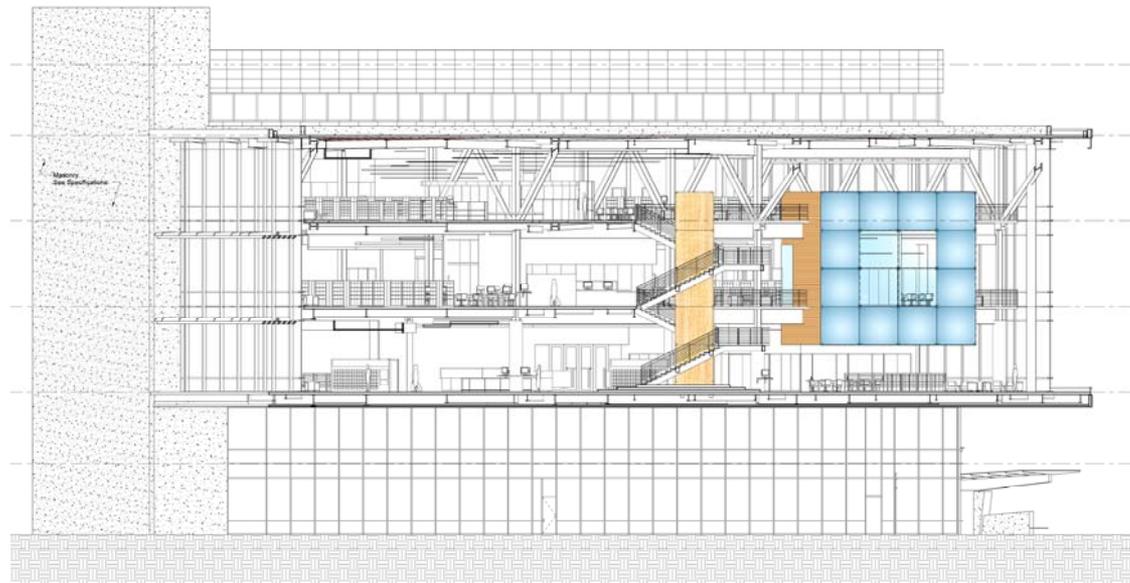
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Structural System

- Foundations : Reinforced Concrete Caissons
- Elevated Floors: 4" lightweight concrete over 2" composite floor deck
 - Typical bay = 30' x 40'
- 5th floor Trusses – 50' cantilever at northeast corner (full story high)
 - 3rd & 4th stories are suspended by trusses
- Vegetated Roof





HVAC, Electrical, Security Systems

- LEED Silver
- Roof top Custom engineered Packaged Equipment Center (IPEC)
 - Central refrigeration, heating plant, air handlers
 - 2- 150 ton centrifugal chillers
 - Natural gas fired boilers- 4 @ 800 MBH
 - 2 custom VAV air handlers
- Radiant in-floor heating at the perimeter of the library
- Smoke evacuation system
- Electric Service – 265/460 V – 3 phase, 4 wire underground service
 - 120/208 V- 3 phase to each floor via step down transformers
 - Back up Generator
- Sprinklered
- Security System



Schedule

- April 2012 : Permit Submission
- July : Documents Complete
- August 1 : Advertise for Bids
- October : Contractor Selected
- September 2014: Substantial Completion
- November 2014 : Grand Opening

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Questions?

