

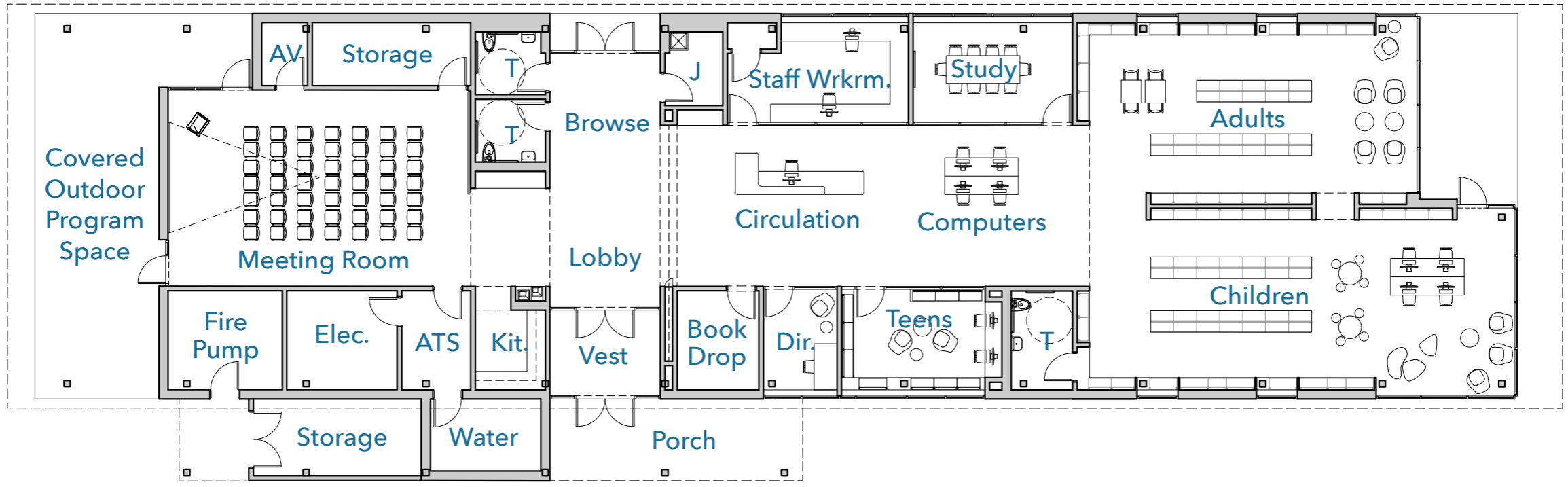


# New Shutesbury Public Library

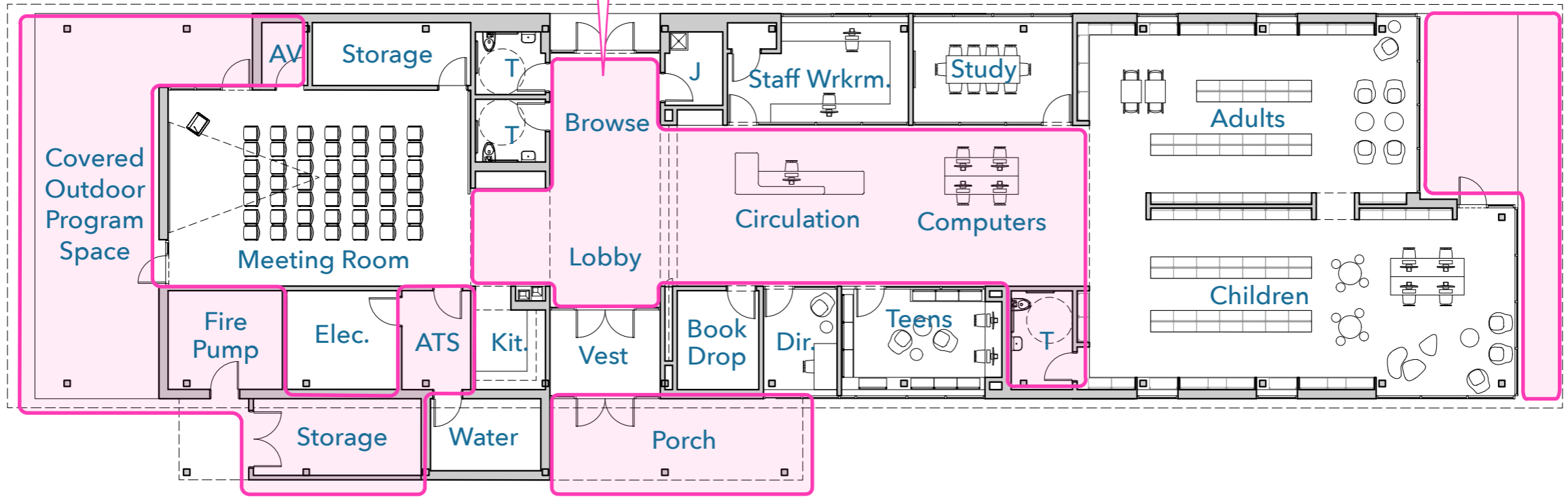
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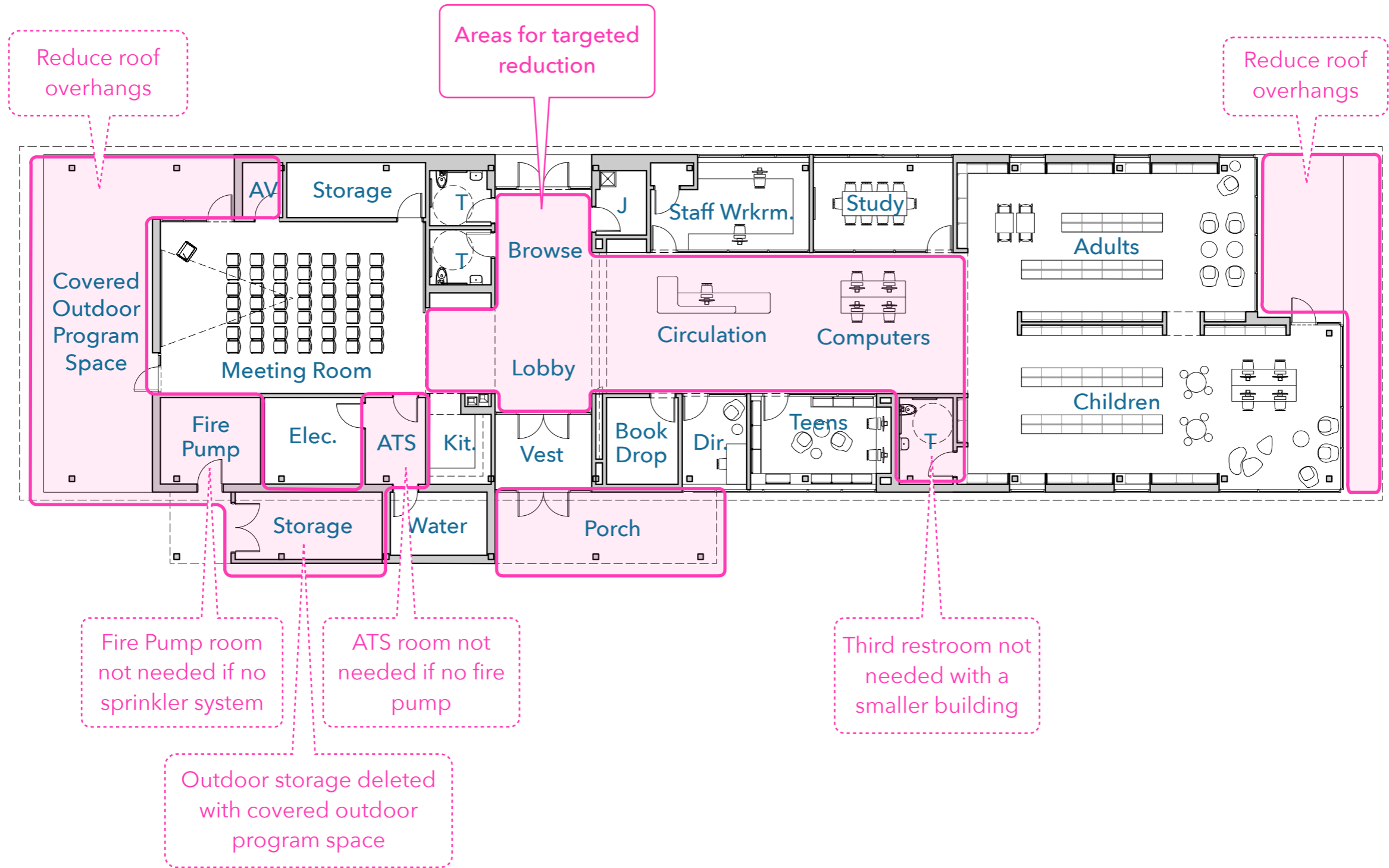
Oudens Ello Architecture

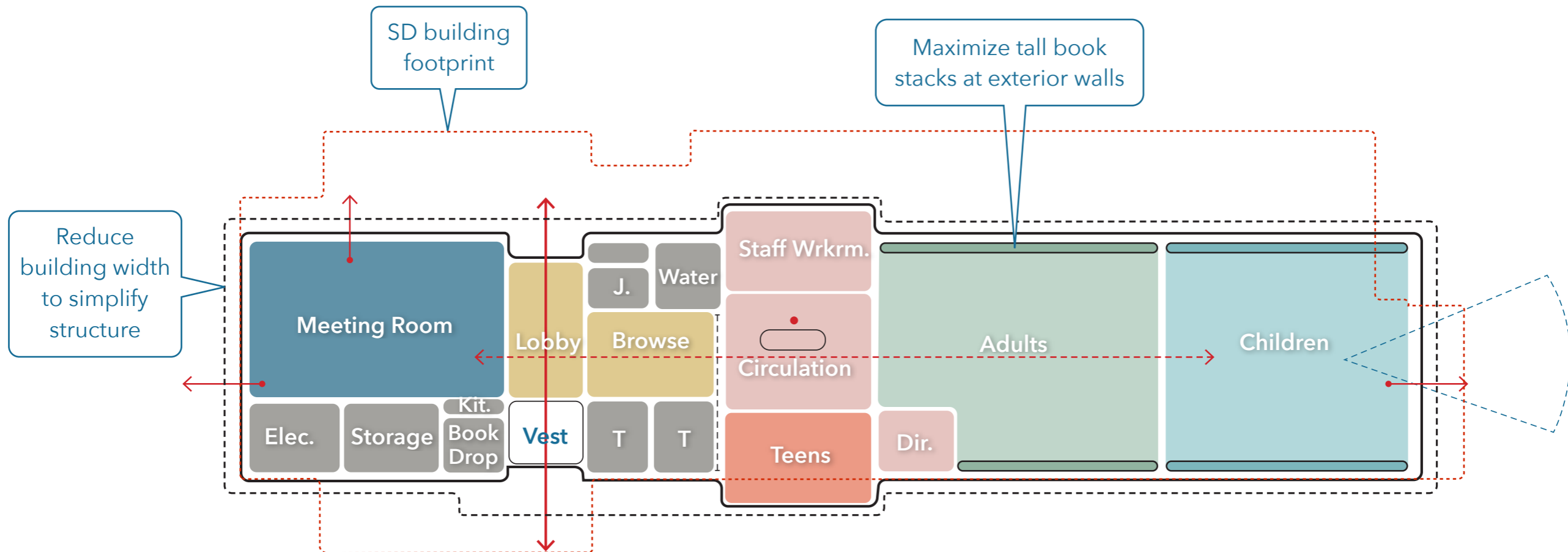
Community Meeting: September 26, 2023



Areas for targeted reduction

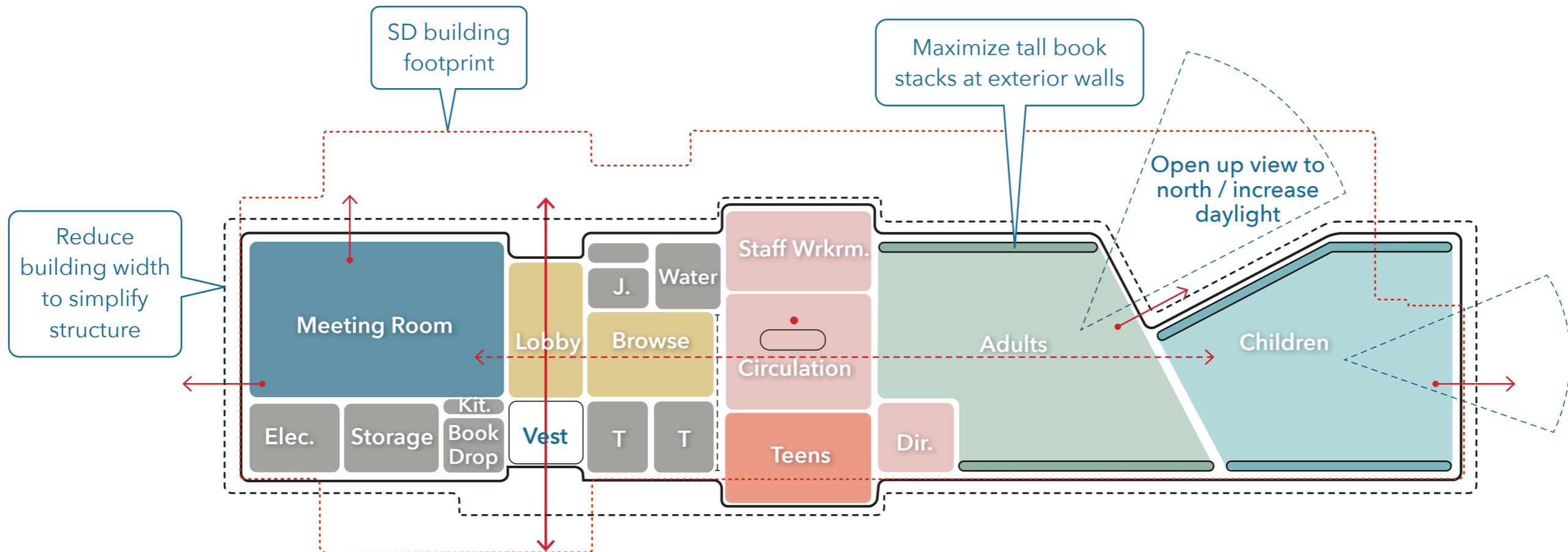






- Children
- Teens
- Adults
- Community
- Staff

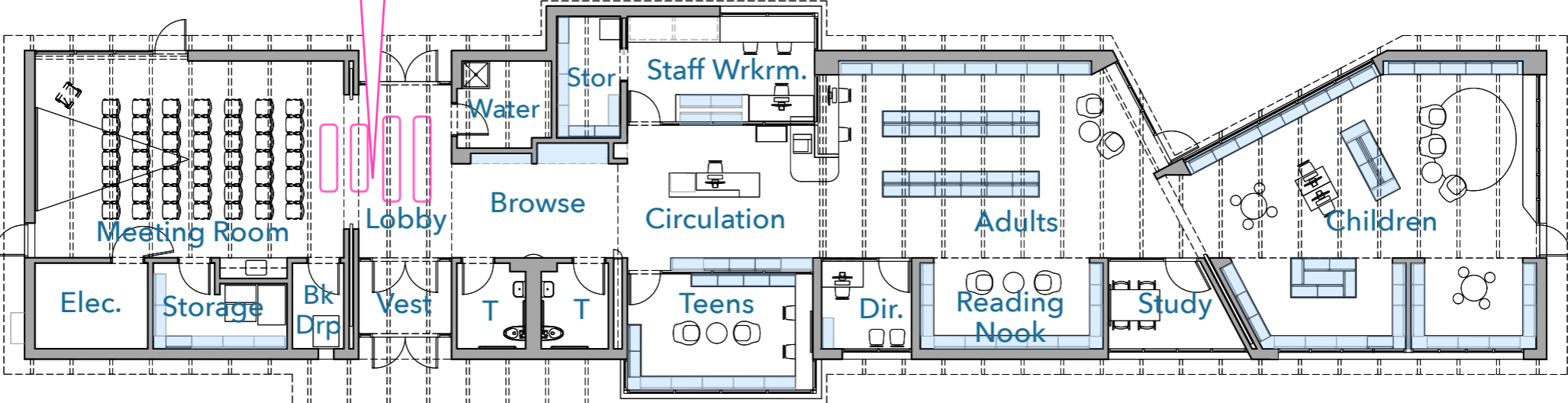


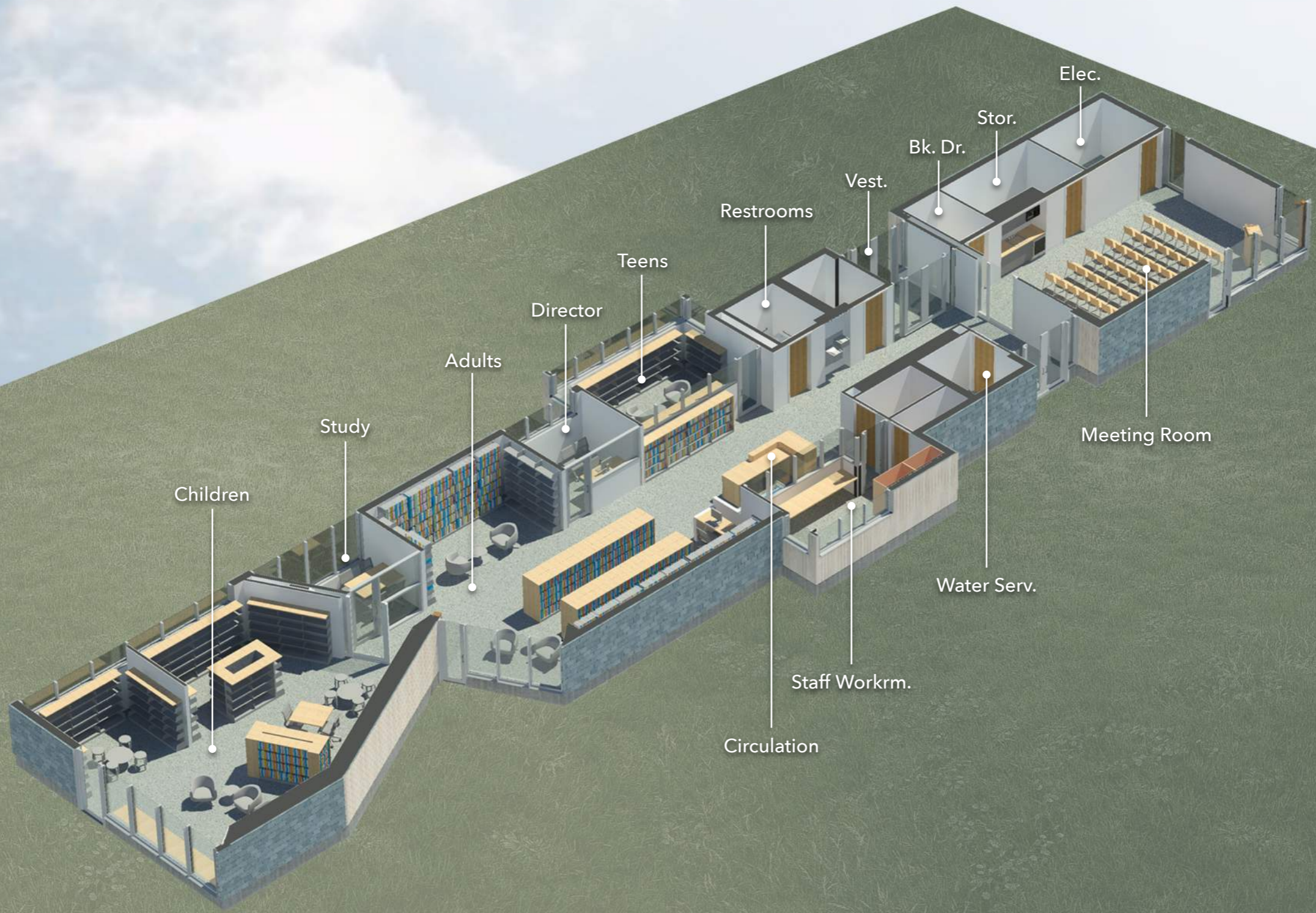


- Children
- Teens
- Adults
- Community
- Staff



Expanded seating capacity 50 - 67





Library Plan 3D Aerial View







Library Exterior Original Design Monopitch Roof, NE corner



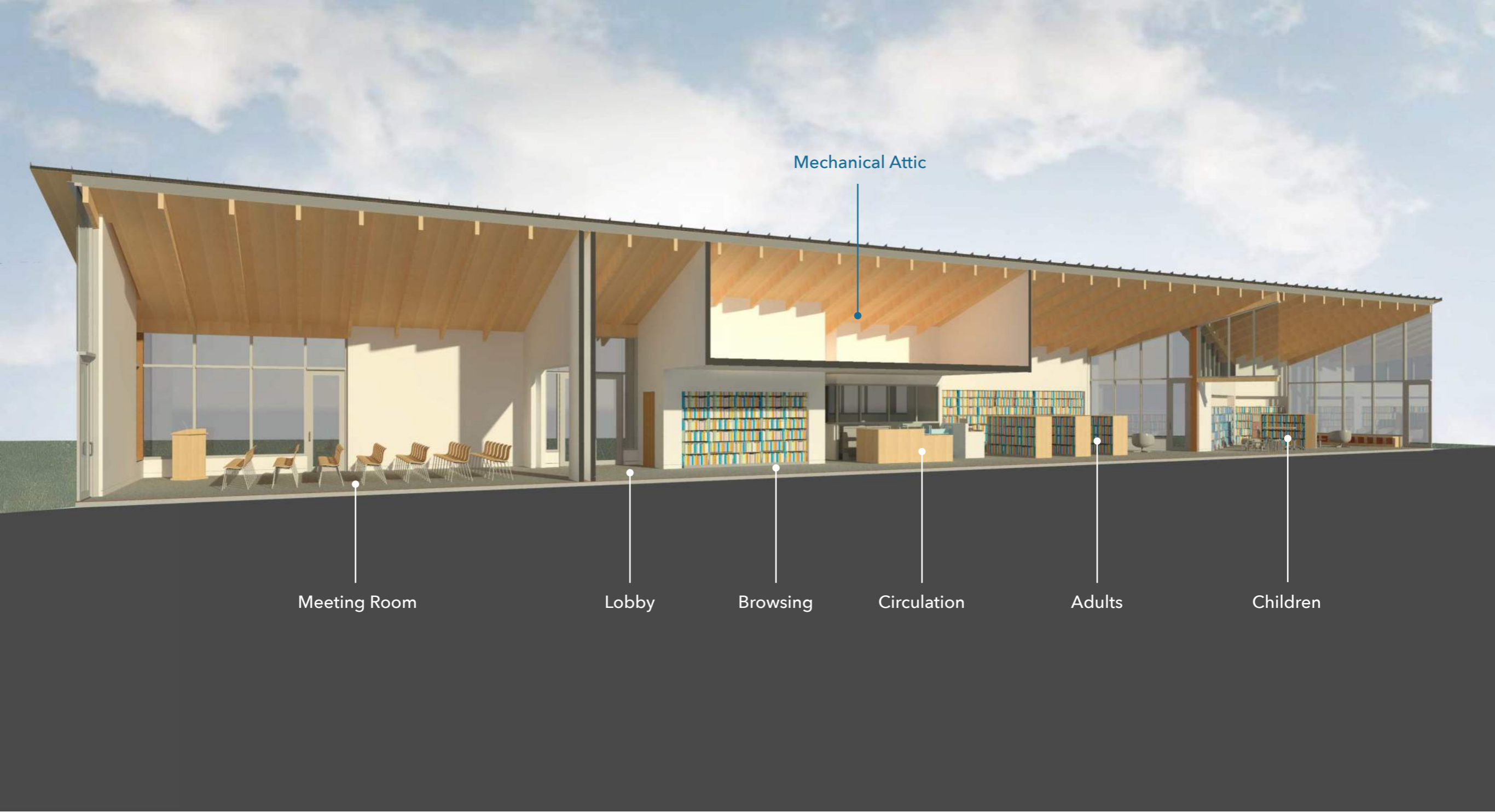
Library Exterior Original Design Monopitch Roof, NW corner



**Library Exterior** Revised Design Gable Roof, NE corner



**Library Exterior** Revised Design Gable Roof, NW corner



Meeting Room

Lobby

Browsing

Circulation

Adults

Children

Mechanical Attic

Library Interior Section



Mechanical Attic

Meeting Room

Lobby

Browsing

Circulation

Adults

Children

## Library Interior Section



Library Interior Section



**Library Interior Revised Design**

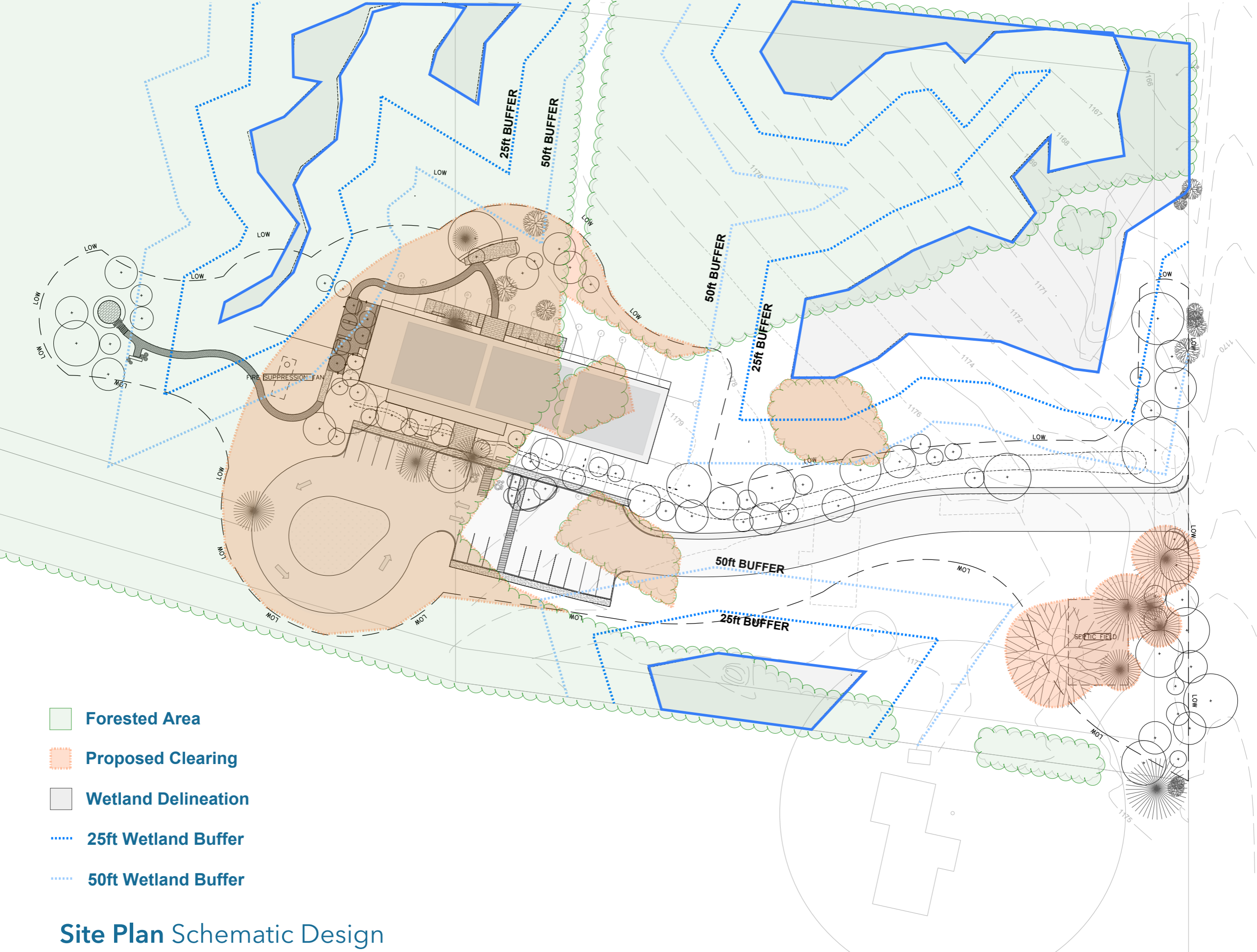




Library Interior Revised Design

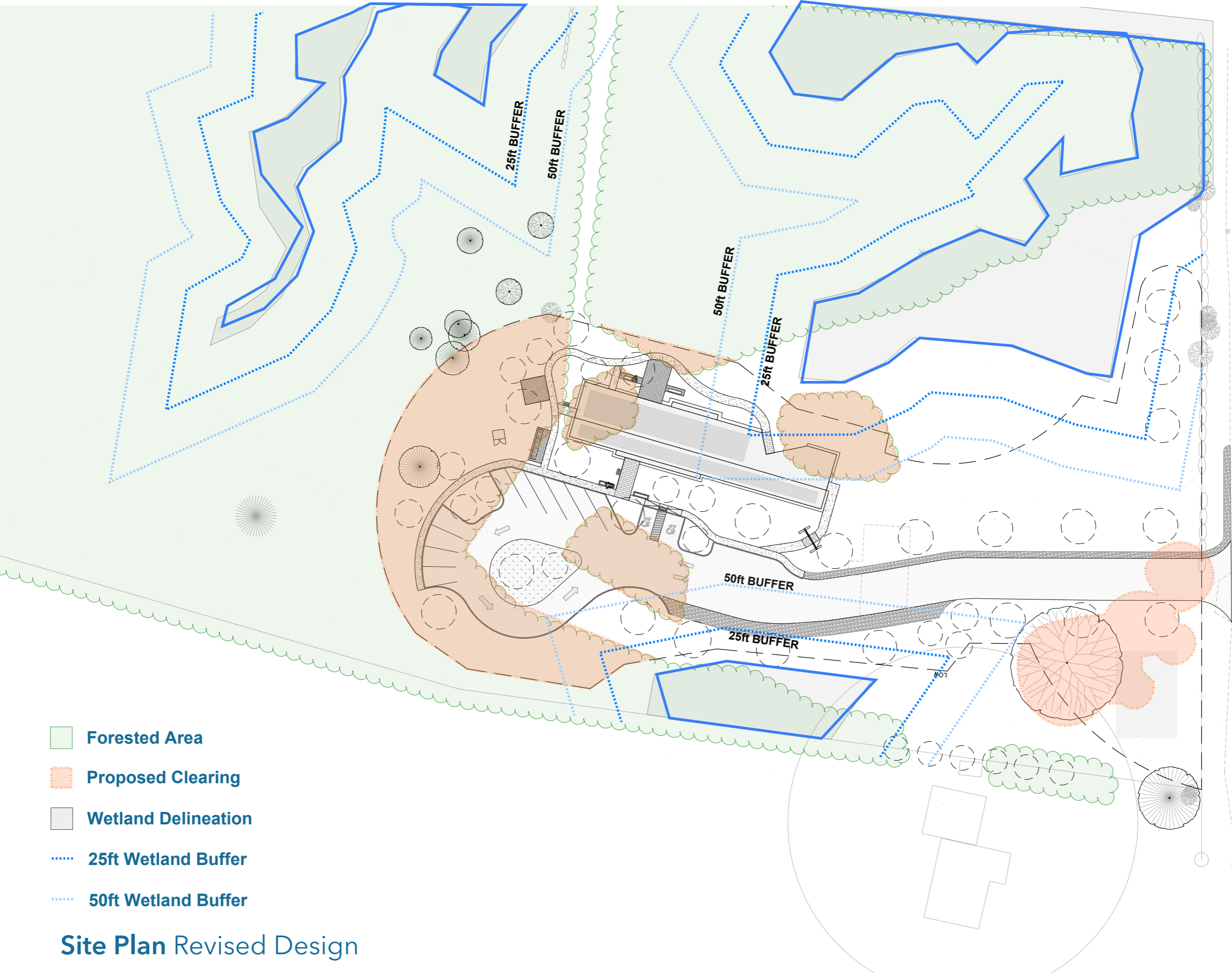


Library Interior Revised Design



- Forested Area**
- Proposed Clearing**
- Wetland Delineation**
- 25ft Wetland Buffer**
- 50ft Wetland Buffer**

## Site Plan Schematic Design



- Forested Area
- Proposed Clearing
- Wetland Delineation
- 25ft Wetland Buffer
- 50ft Wetland Buffer

### Site Plan Revised Design

## Original Schematic Design



### Exterior Enclosure

Window Wall Ratio	38%
Total Wall Area	6,552 SF
Total Glazed Area	2,487 SF

### Building Area

Total Building Area	5,918 GSF
Total Roof Area	8,228 GSF
Total Net Program Area	4,160 NSF
Building Efficiency	68%

### Collections

Total LF Shelving	1,309 NSF
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### Energy

Est. Annual Energy Consumption 53,000 kWh

## Revised Design - Gable Roof



Window Wall Ratio	23%	15% reduction
Total Wall Area	5,402 SF	18% reduction
Total Glazed Area	1,279 SF	49% reduction

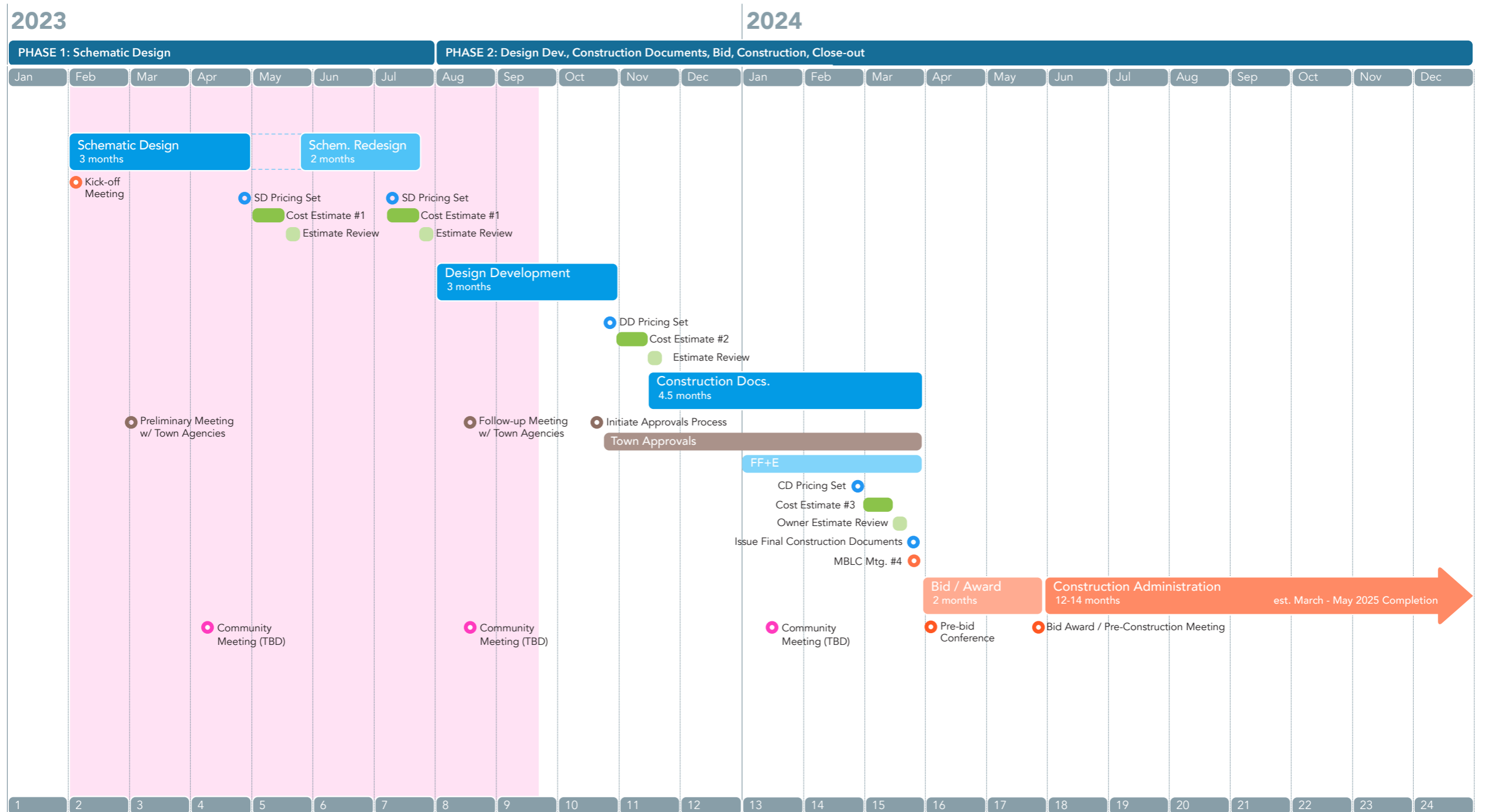
Total Building Area	4,394 GSF	26% reduction
Total Roof Area	4,992 NSF	39% reduction
Total Net Program Area	3,493 NSF	16% reduction
Building Efficiency	80%	

Total LF Shelving	1,241 NSF	* 5% reduction
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Est. Annual Energy Consumption 44,000 kWh\*  
\* 17% est. energy use reduction

## Comparison

# Project Schedule





Oudens Ello Architecture