



Fire Station 6 Remodel & Addition

**Public Information Meeting
City of Madison Engineering Division
October 27, 2021**

- ✓ This meeting will be **recorded** and posted to the City's project page.
- ✓ All attendees should stay be **muted** to keep background noise to a minimum.
- ✓ You may use the **“raise hand”** option at the bottom if you have something that required immediate clarification.
- ✓ Use **“chat”** option if you are having technical issues and a staff person can try to assist.
- ✓ Please use the **“Q&A”** option at the bottom of the screen to type your question. Questions will be answered at the end of the presentation. Inappropriate questions may be dismissed.
- ✓ If you cannot ask via typing your question, use the “raise hand” option and you will be unmuted when it is your turn.



This meeting is being recorded.

It is a public record subject to disclosure.

By continuing to be in the meeting, you are consenting to being recorded and consenting to this record being released to public record requestors.

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a Microsoft Excel spreadsheet titled "City of Madison" showing a calendar for 2019 and 2020. The spreadsheet has columns for months and rows for years. A "Join Audio" button is visible in the bottom left corner of the Zoom interface. A red arrow points to this button. Another red arrow points to a "Join Audio by Computer" button in the center of the screen. The bottom of the Zoom interface shows icons for "Join Audio", "Q&A", "Chat", and "Raise Hand", along with a "Leave Webinar" button in the bottom right corner.

Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call

Computer Audio

Join Audio by Computer

Join Audio

Q&A Chat Raise Hand

Leave Webinar

Make sure to join audio

How to Participate

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Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call

Computer Audio

Join Audio by Computer

Join Audio Q&A Chat Raise Hand Leave Webinar

Raise your hand to be unmuted
For comments or ask additional questions.

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a Microsoft Excel spreadsheet showing a calendar for 2019 and 2020. The spreadsheet has columns for months and rows for years. The name "Sally" is visible in the first row. Overlaid on the bottom half of the screen is a dark grey panel with several options: "Phone Call" (with a phone icon), "Computer Audio" (with a laptop icon), and a prominent blue button labeled "Join Audio by Computer". At the bottom of the Zoom interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Chat" icon. In the bottom right corner, there is a red "Leave Webinar" button.



Use chat if you have technical issues or a question for the panelists

How to Participate

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Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call

Computer Audio

Join Audio by Computer

Join Audio Q&A Chat Raise Hand Leave Webinar



Use Q/A if you have questions.
We will answer after the presentation

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a Microsoft Excel spreadsheet titled "City of Madison" showing a calendar for 2019 and 2020. The interface includes a "Recording" status in the top left and a "Phone Call" icon. A central overlay shows "Join Audio by Computer" with "Phone Call" and "Computer Audio" options. The bottom toolbar contains "Join Audio", "Q&A", "Chat", "Raise Hand", and a red "Leave Webinar" button. A red arrow points to the "Leave Webinar" button.

Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call

Computer Audio

Join Audio by Computer

Join Audio Q&A Chat Raise Hand Leave Webinar

To leave the
meeting click here

Project Design Team

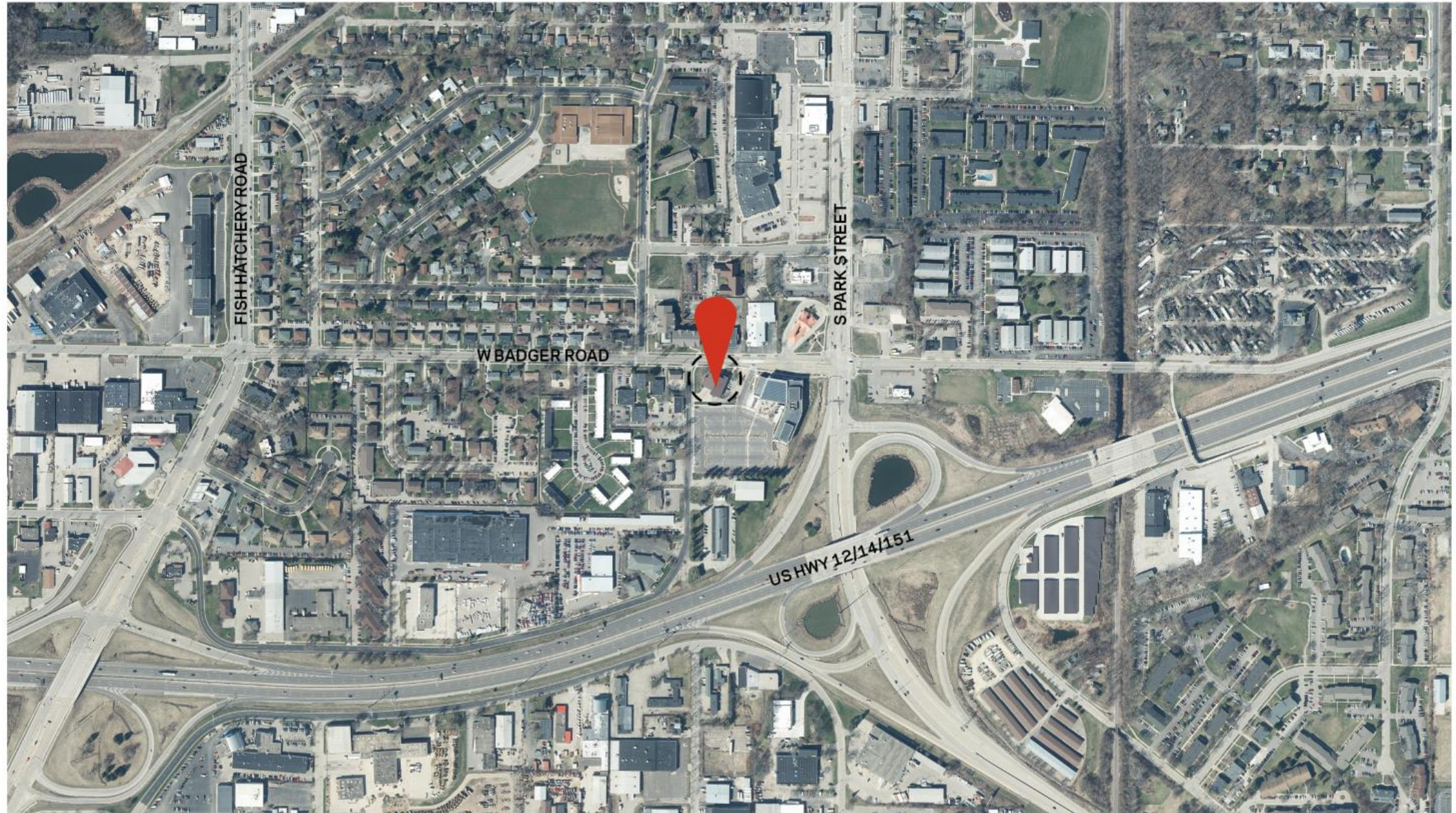


City of Madison Fire Station 6 Remodel

Public Information Meeting
October 27, 2021



Overview | Location



Overview | Location



Process

ZERO-CARBON
EQUITABLE
RESILIENT
HEALTHY

Even small projects can address big
issues and provide creative solutions

DESIGN FOR COMMUNITY



DESIGN FOR DISCOVERY

DESIGN FOR CHANGE



**DESIGN FOR INTEGRATION
DESIGN FOR WELLNESS**

DESIGN FOR RESOURCES



**DESIGN FOR ECOLOGY
DESIGN FOR ECONOMY**

DESIGN FOR ENERGY

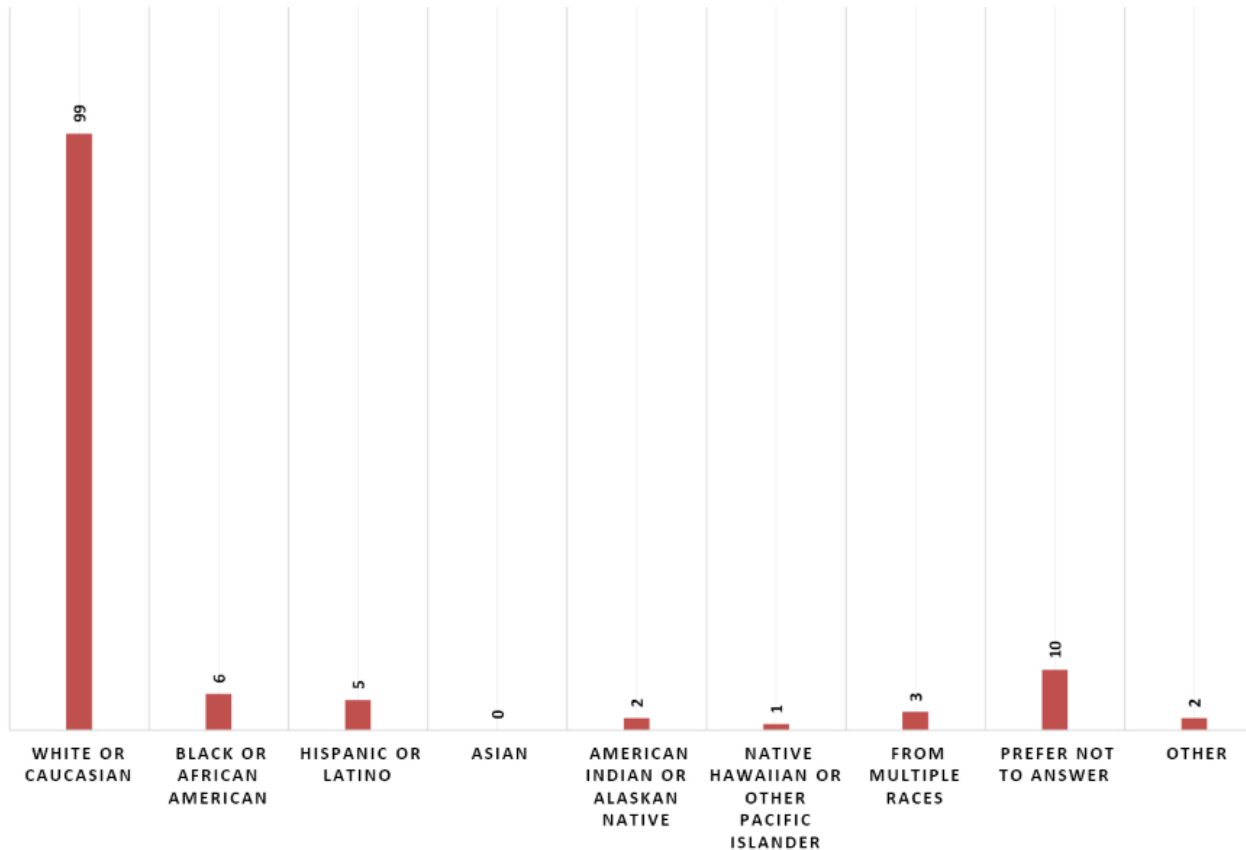


DESIGN FOR WATER

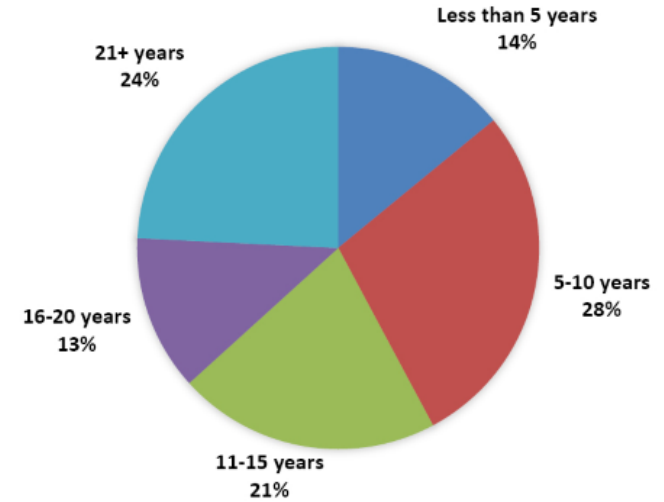
- Promote the health and wellness of the fire fighters
- Create a functional and efficient space
- Reduce building energy costs and long term maintenance

128 Responses

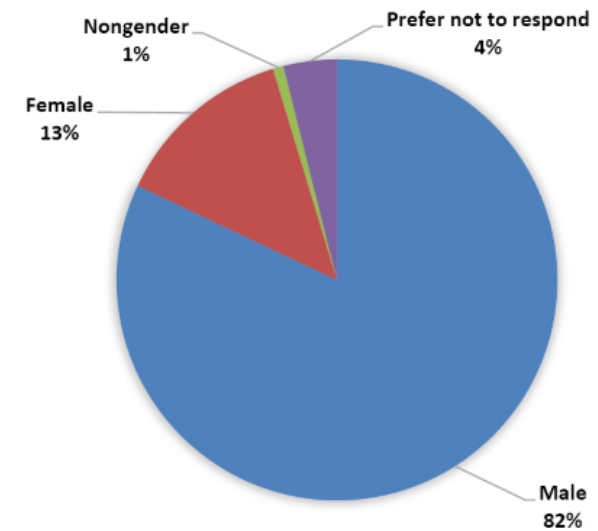
WHAT RACE WOULD YOU ASSOCIATE AS?



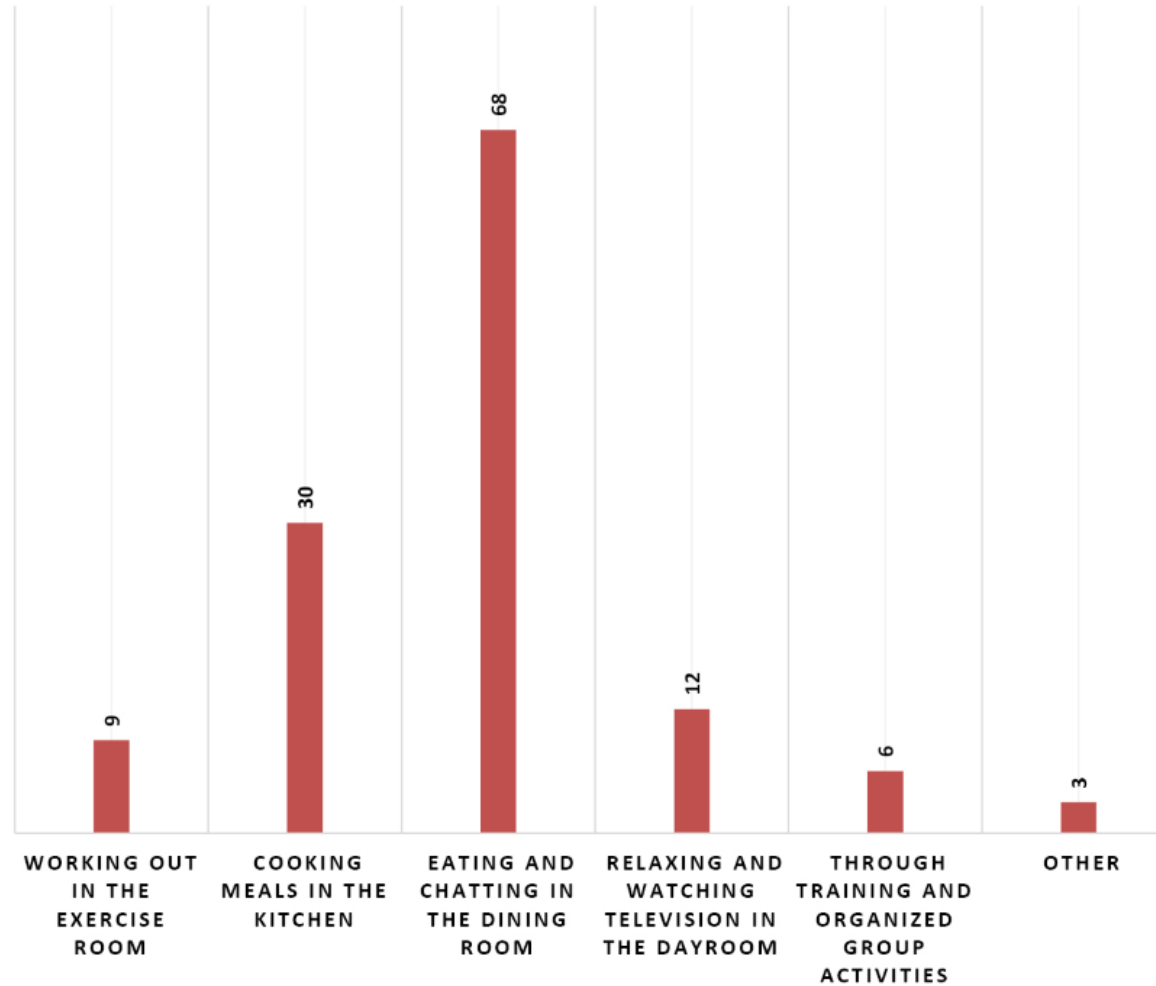
HOW LONG HAVE YOU BEEN WITH THE MADISON FIRE DEPARTMENT?



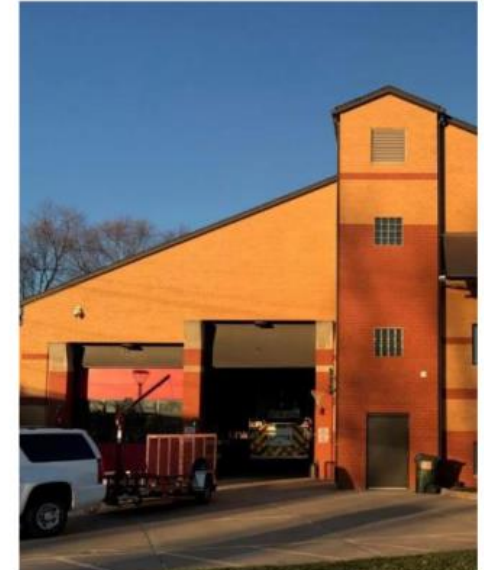
WHAT GENDER WOULD YOU ASSOCIATE AS?



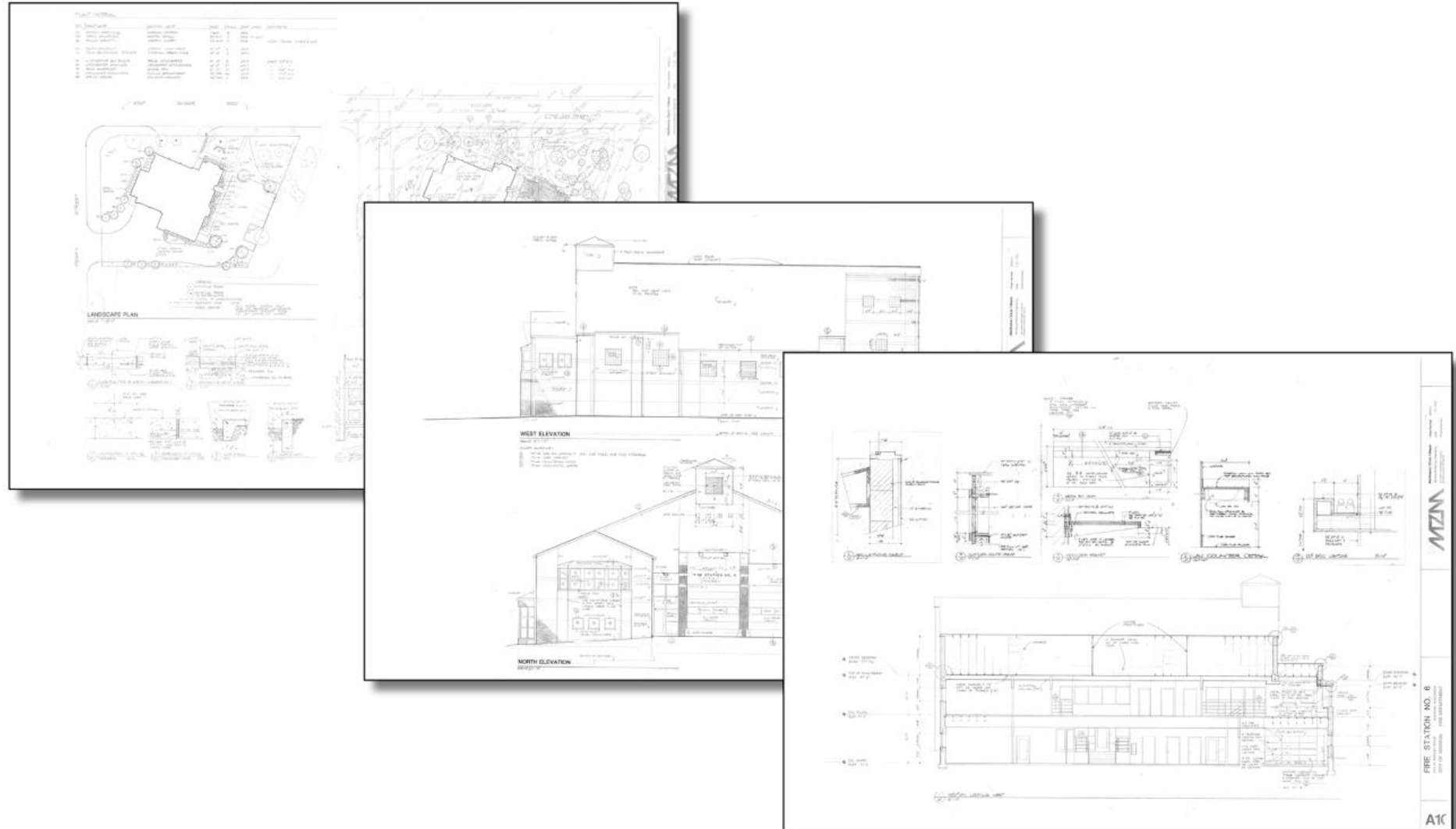
WHERE DO YOU MOST ENJOY SPENDING TIME WITH
OTHER FIRE FIGHTERS AND BUILDING COMRADERY
WITHIN THE STATION?



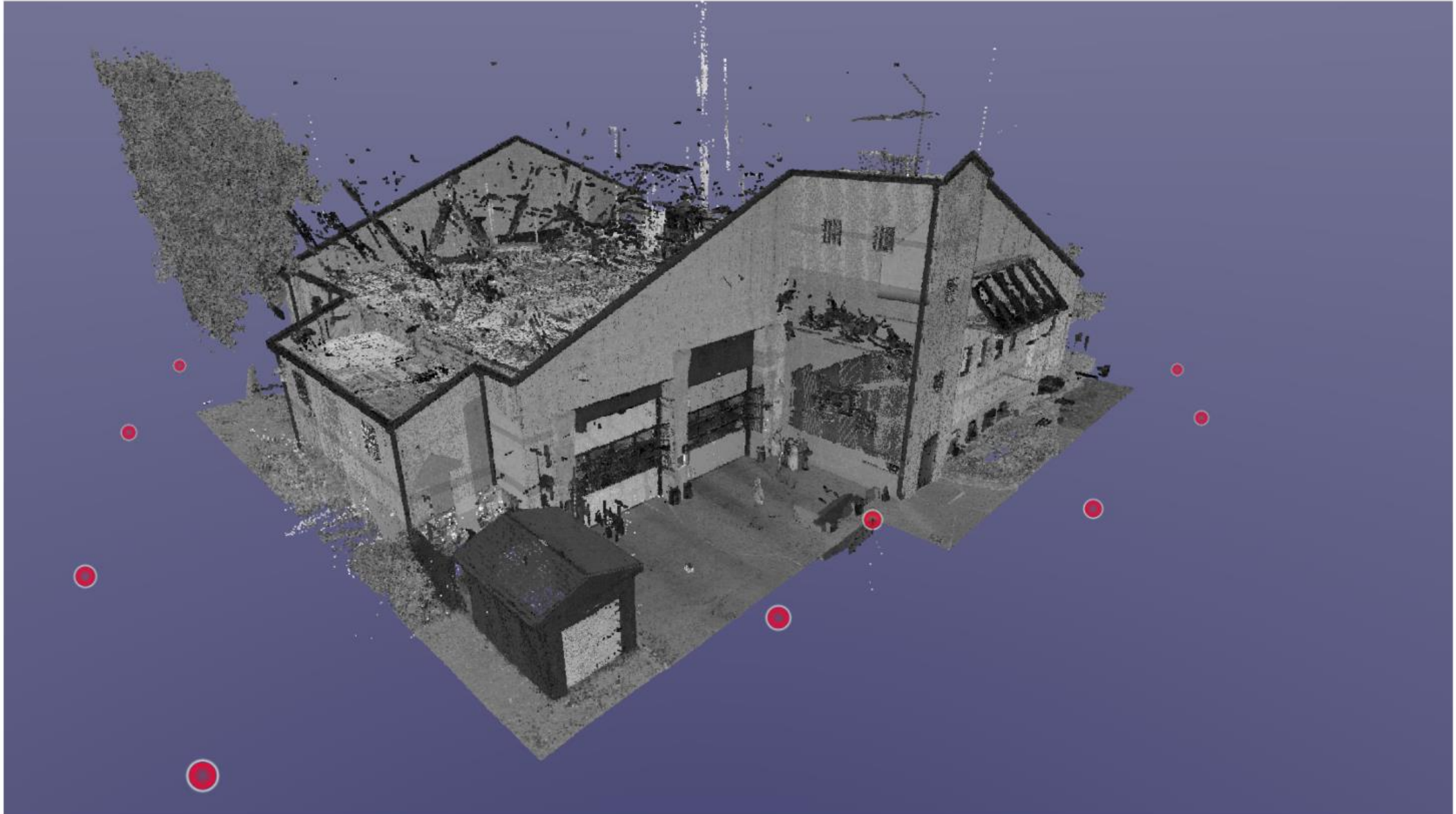
Design | Existing Building Review



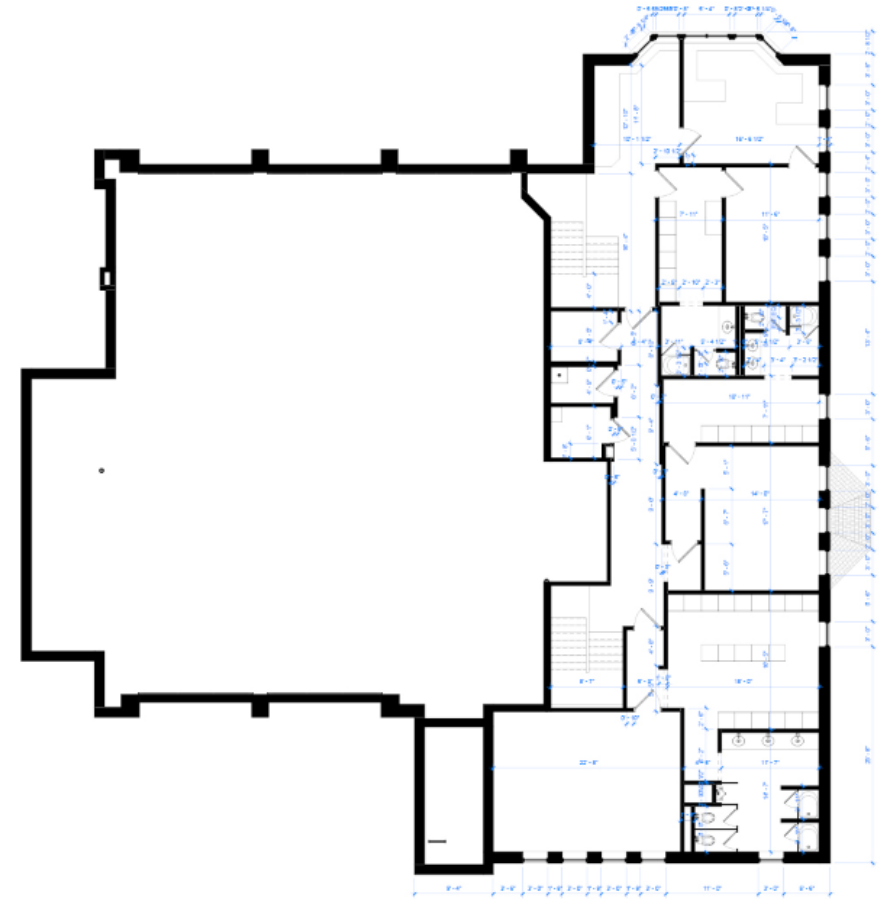
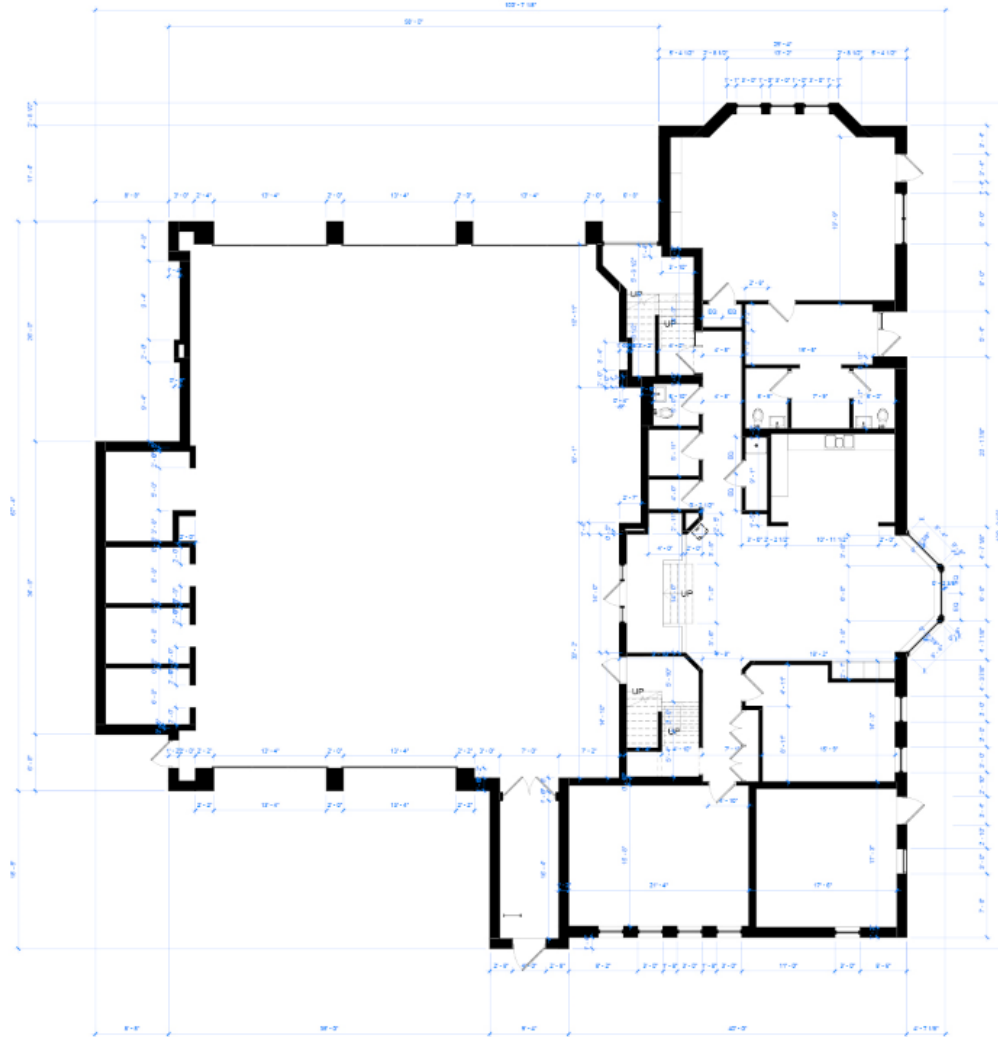
Design | Existing Drawings Review



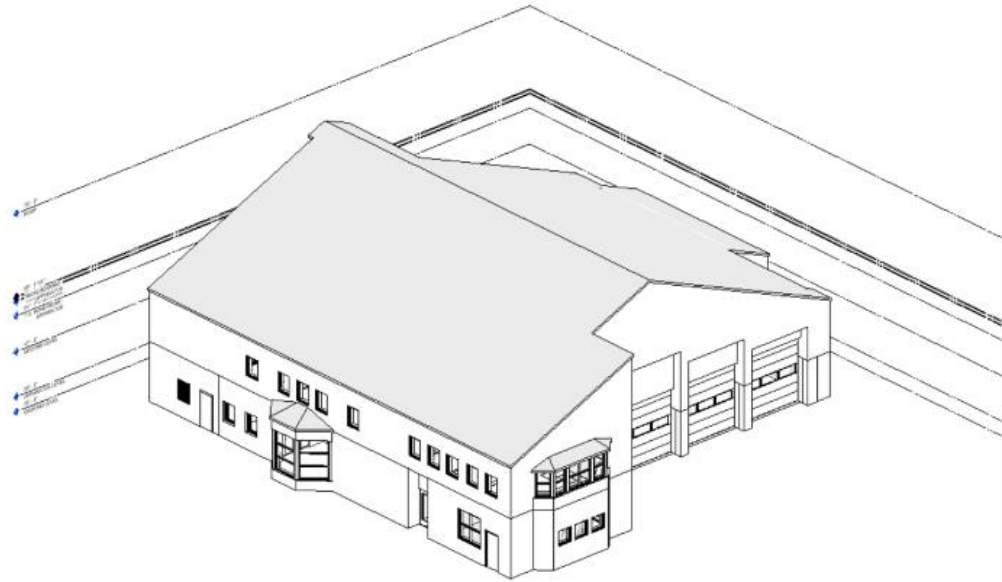
Design | 3D Scanning Building Verification



Design | 3D BIM Model Creation



Design | 3D BIM Model Creation



Existing Building Model - Design and Documentation

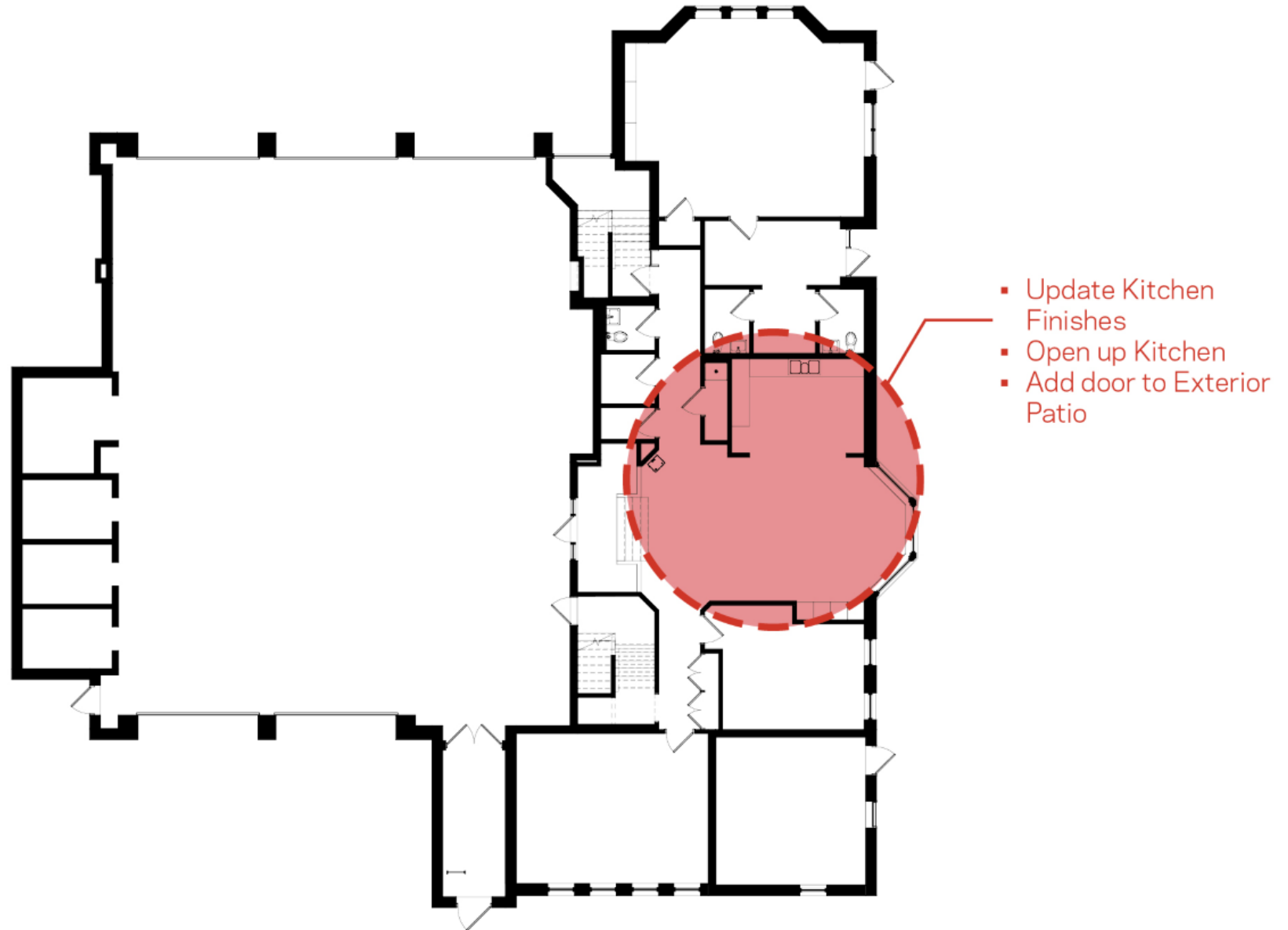


Existing Building Model - Visualizations and Renderings

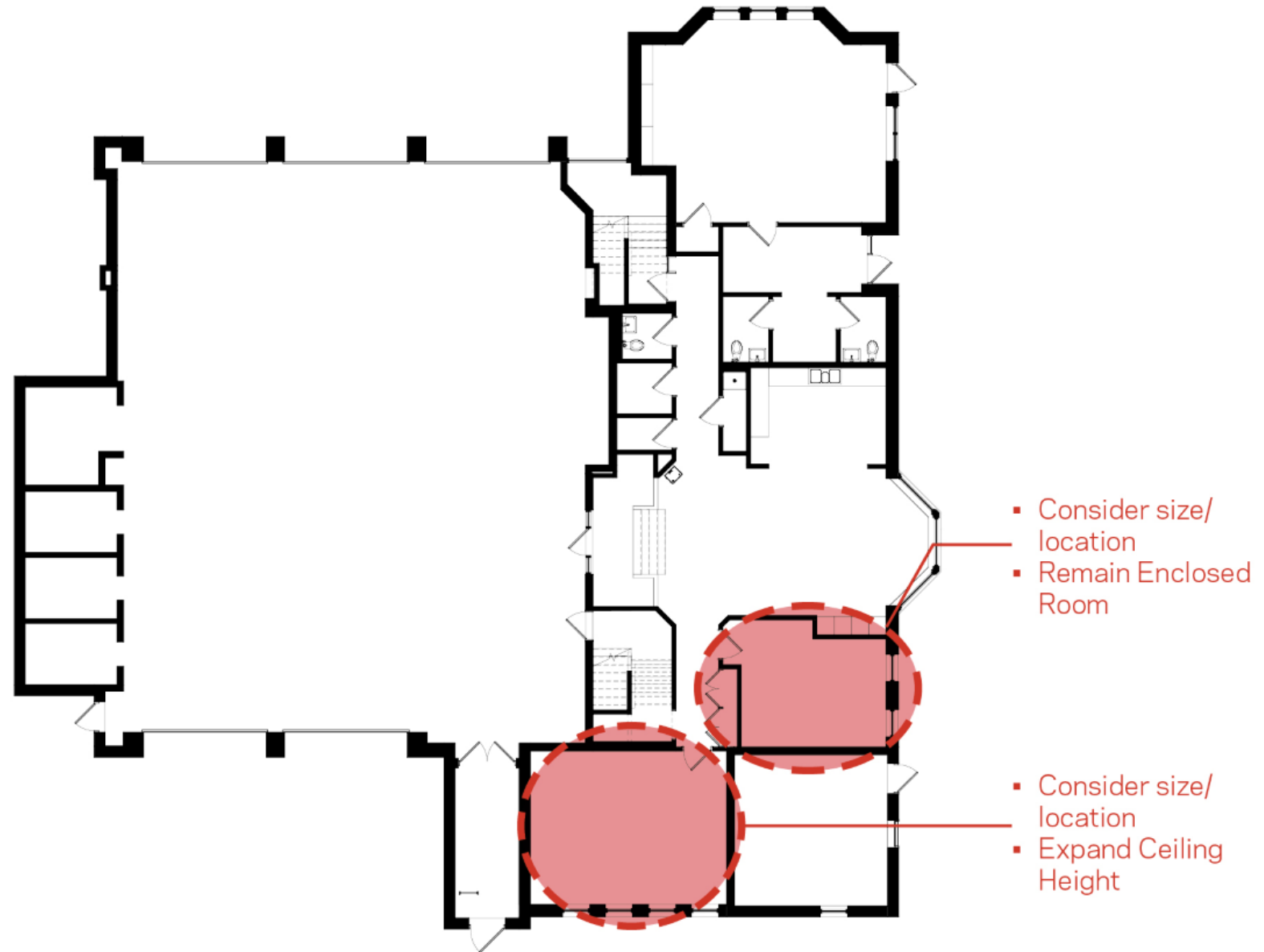
Design | Public Area Opportunities



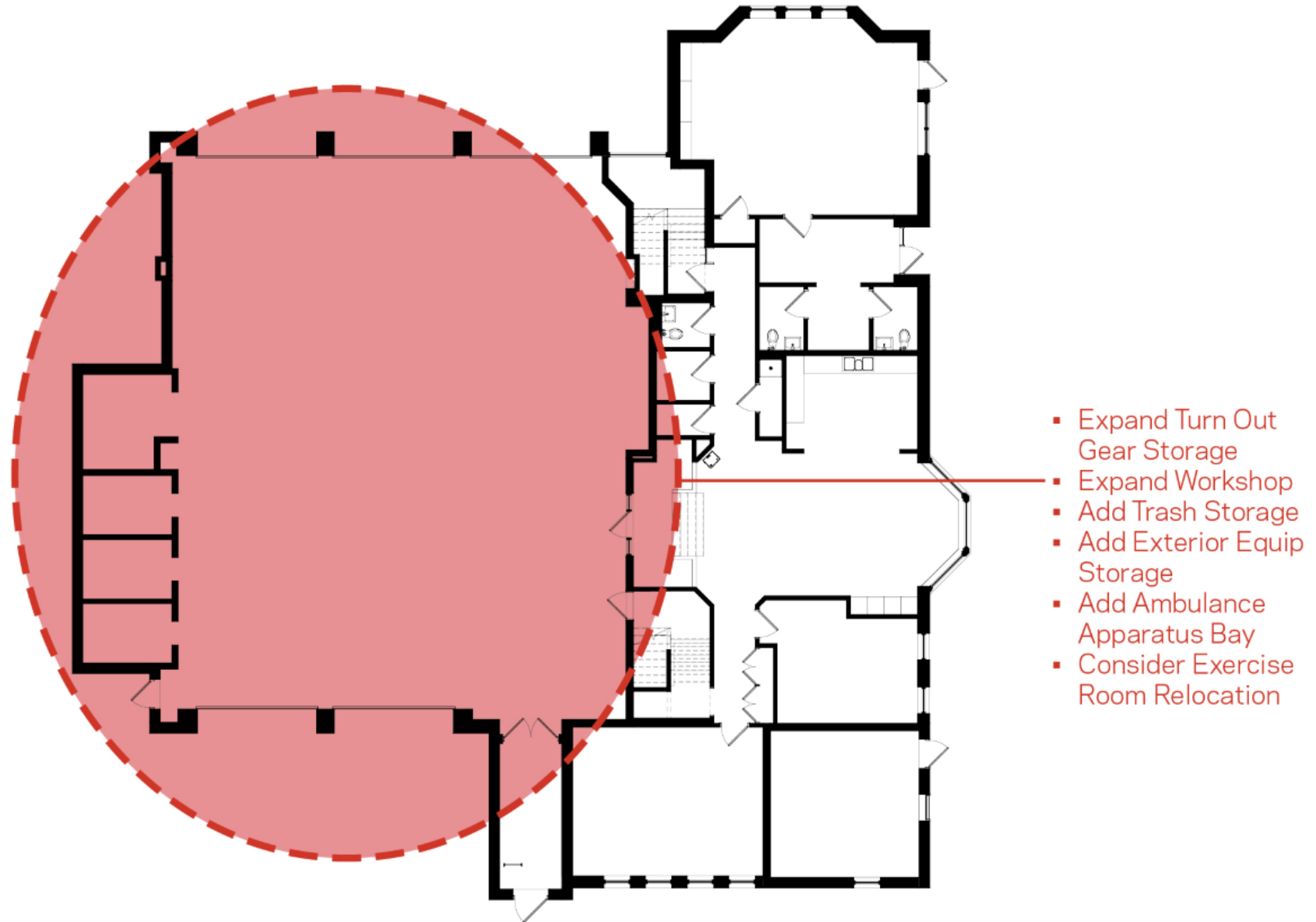
Design | Kitchen & Dining Opportunities



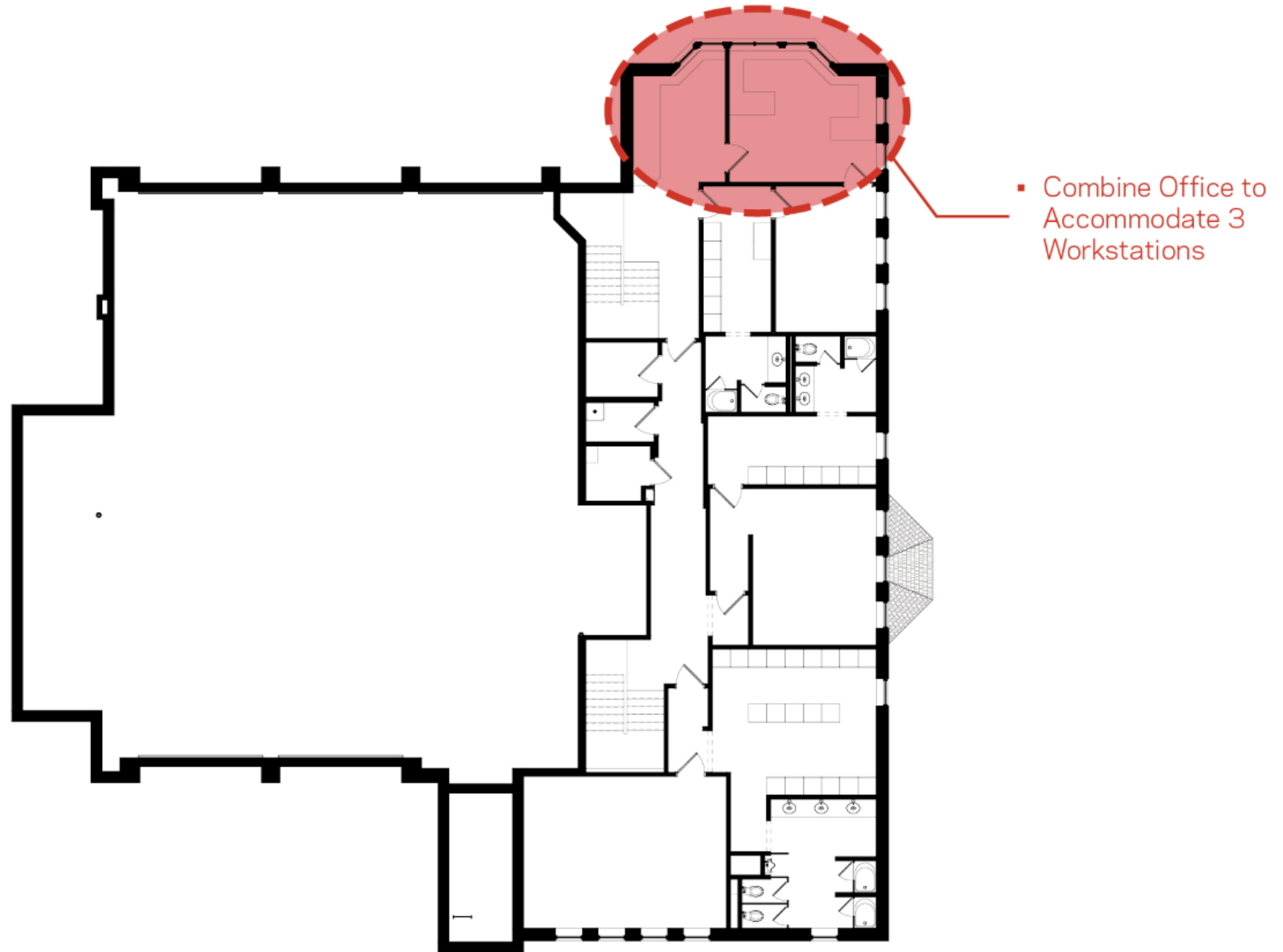
Design | Dayroom and Exercise Opportunities



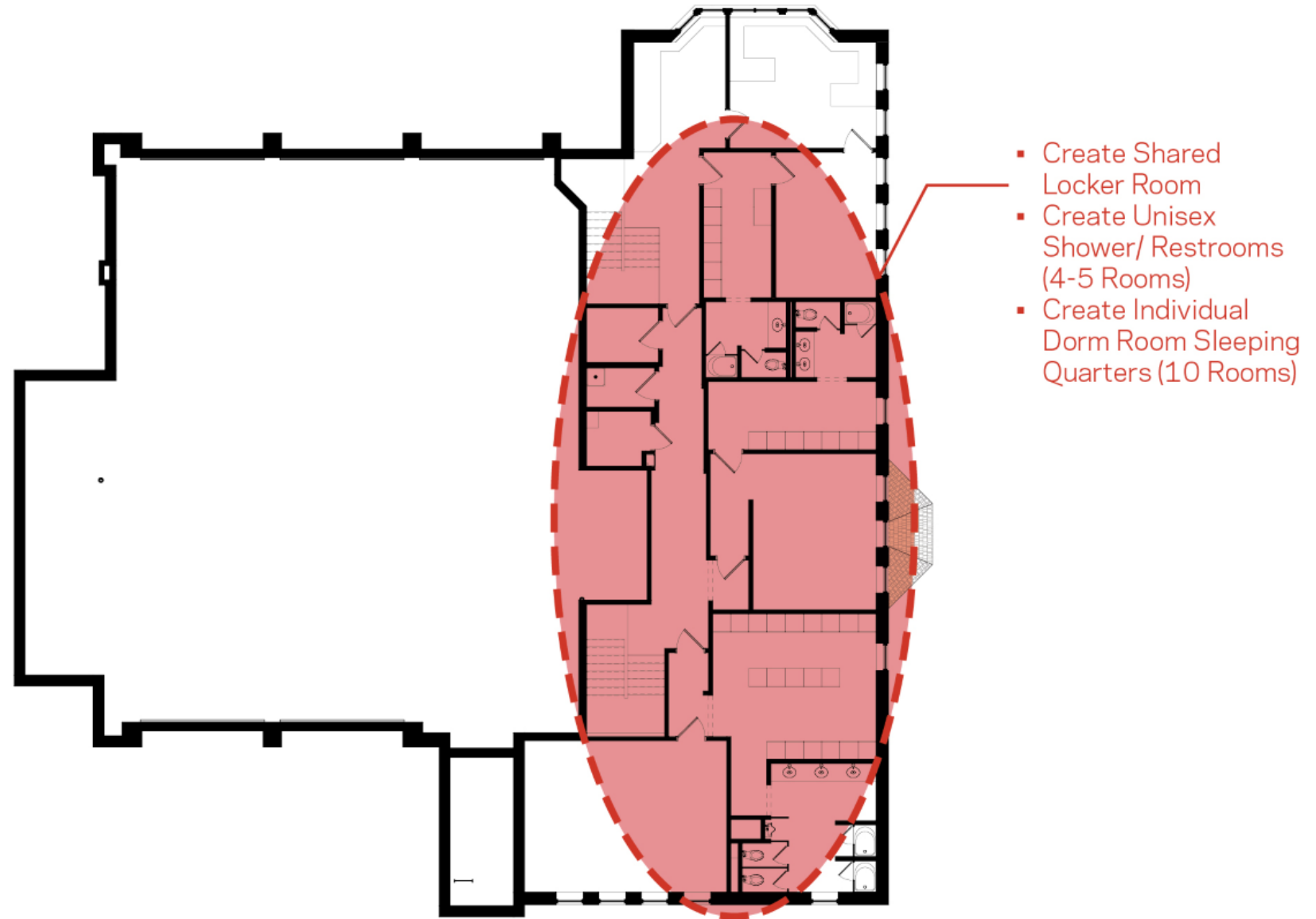
Design | Apparatus Bay and Support Opportunities



Design | Office Opportunities



Design | Sleeping Quarters Opportunities



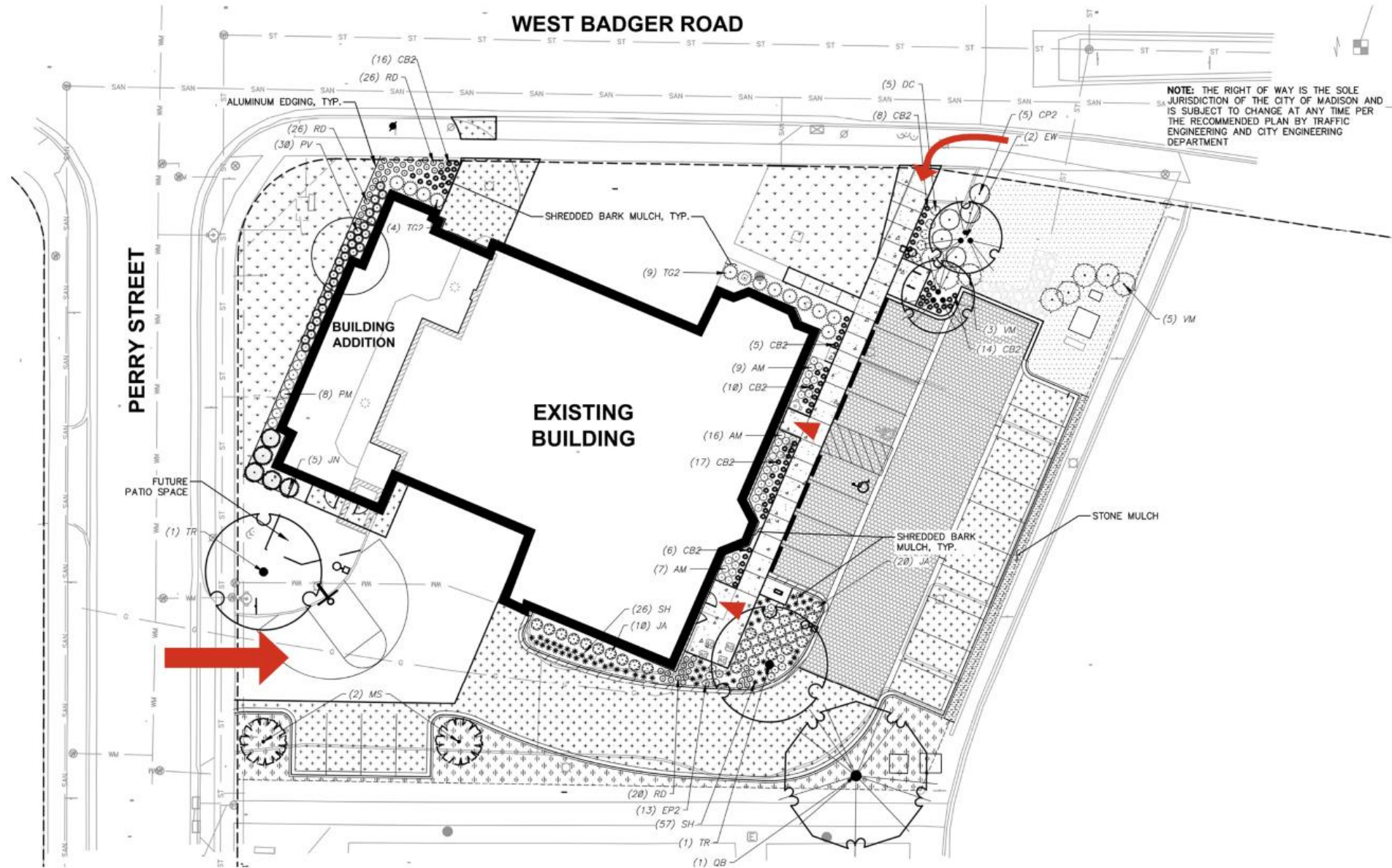
Obstacles to Overcome:

Lack of Interior Space
Site Restraints
Budget

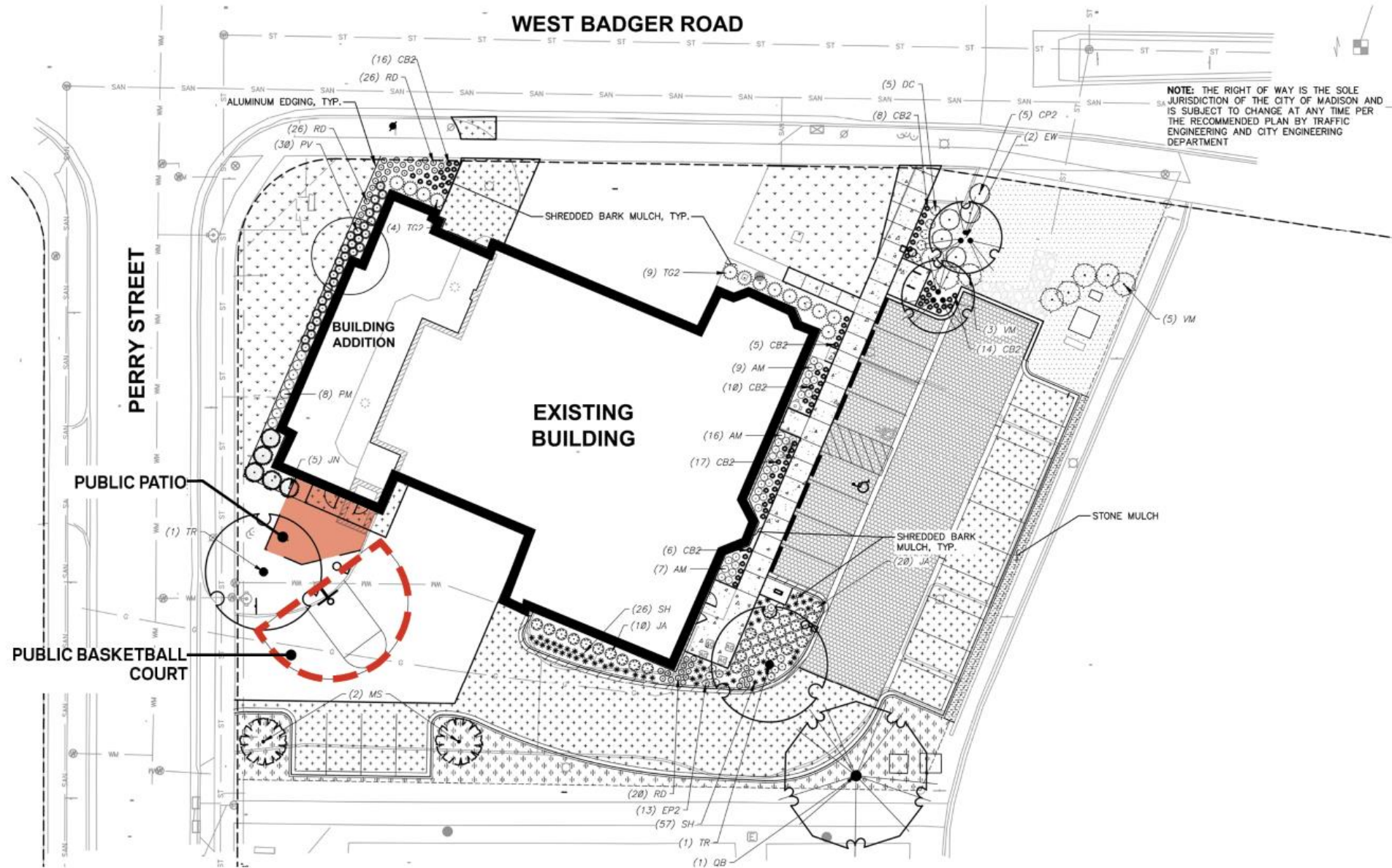


Design

Design | Site Plan



Design | Site Plan - Community Space & Art



Design | Program Development

Space Requirements Worksheet

	# of Spaces	NSF per Space	NSF Subtotal	NSF Total	% of Total NSF
First Floor					
Public (Unsecured)				750	8.40%
Community Room	1	500	500		
Storage	1	50	50		
Toilet - Unisex	2	60	120		
Comfort Room	1	80	80		
Living Areas				1,755	19.66%
Kitchen	1	250	250		
Dining	1	550	550		
Day Room	1	355	355		
Exercise	1	600	600		
Operations Support				1,100	12.32%
Dirty Linen	1	40	40		
Janitor	1	50	50		
Workshop/Storage	1	200	200		
Turnout Gear Storage	1	350	350		
SCBA Fill/Storage	1	70	70		
EMS Storage	1	80	80		
Dirty Restroom	1	60	60		
Laundry	1	50	50		
Trash Enclosure	1	100	100		
Exterior Supply Storage	1	100	100		
Apparatus Bays (Secured)				4,050	45.38%
Apparatus Room (Existing)	1	3,300	3,300		
Apparatus Room (New)	1	750	750		
Second Floor					
Administration				350	2.84%
Office	1	350	350		
Operations Support				940	
Locker Room	1	440	440		
Unisex Shower Rooms	4	80	320		
Janitor	1	40	40		
Linen	1	50	50		
Sauna	1	90	90		
Living Areas				1,080	
Officers' Dorm	1	180	180		
Sleeping Chamber	9	100	900		
Total Net Assignable Area				8,925	NSF
Total Net Assignable Area x Circulation Factor (1.20) = Net Occupiable Area				10,710	NOSF
Total Department Area x Building Grossing Factor (1.15) = Total Building Area				12,317	GSF

Design | Level 1 - Adjacency Exploration



Option 1



Option 2



Option 3



Option 4



Option 5

Design | Level 1 - Preferred Adjacency & Addition



Option 1



Option 2



Option 3



Option 4



Option 5

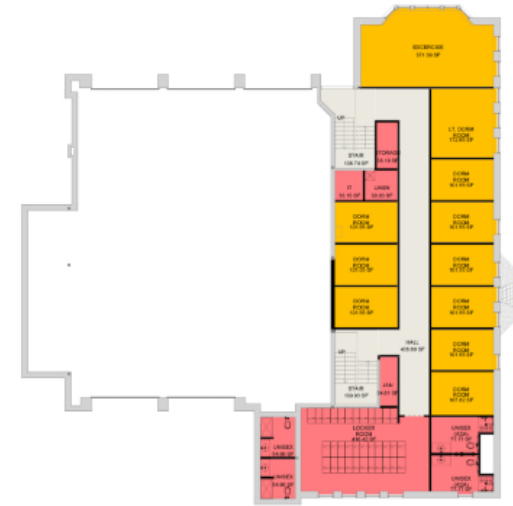
Design | Level 2 - Adjacency Exploration



Option 1



Option 2

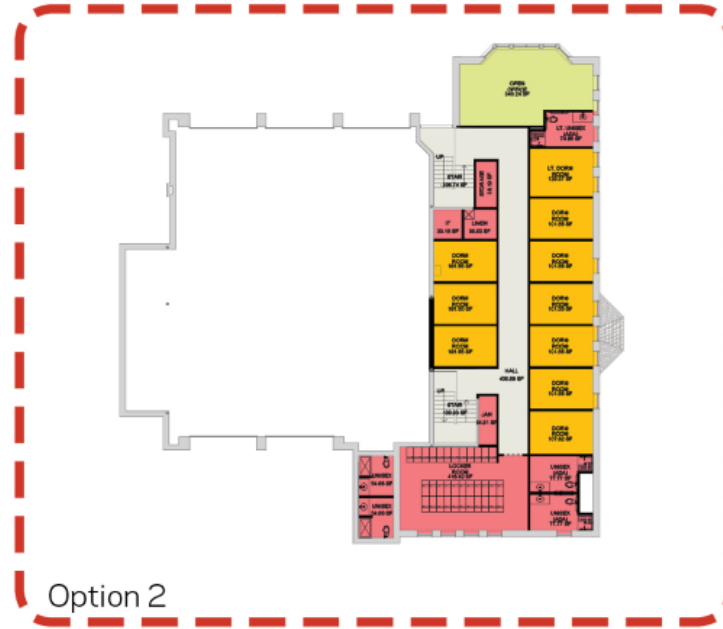


Option 3

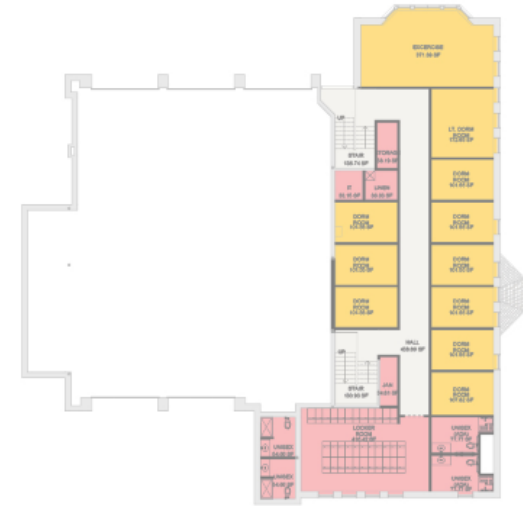
Design | Level 2 - Preferred Adjacency



Option 1

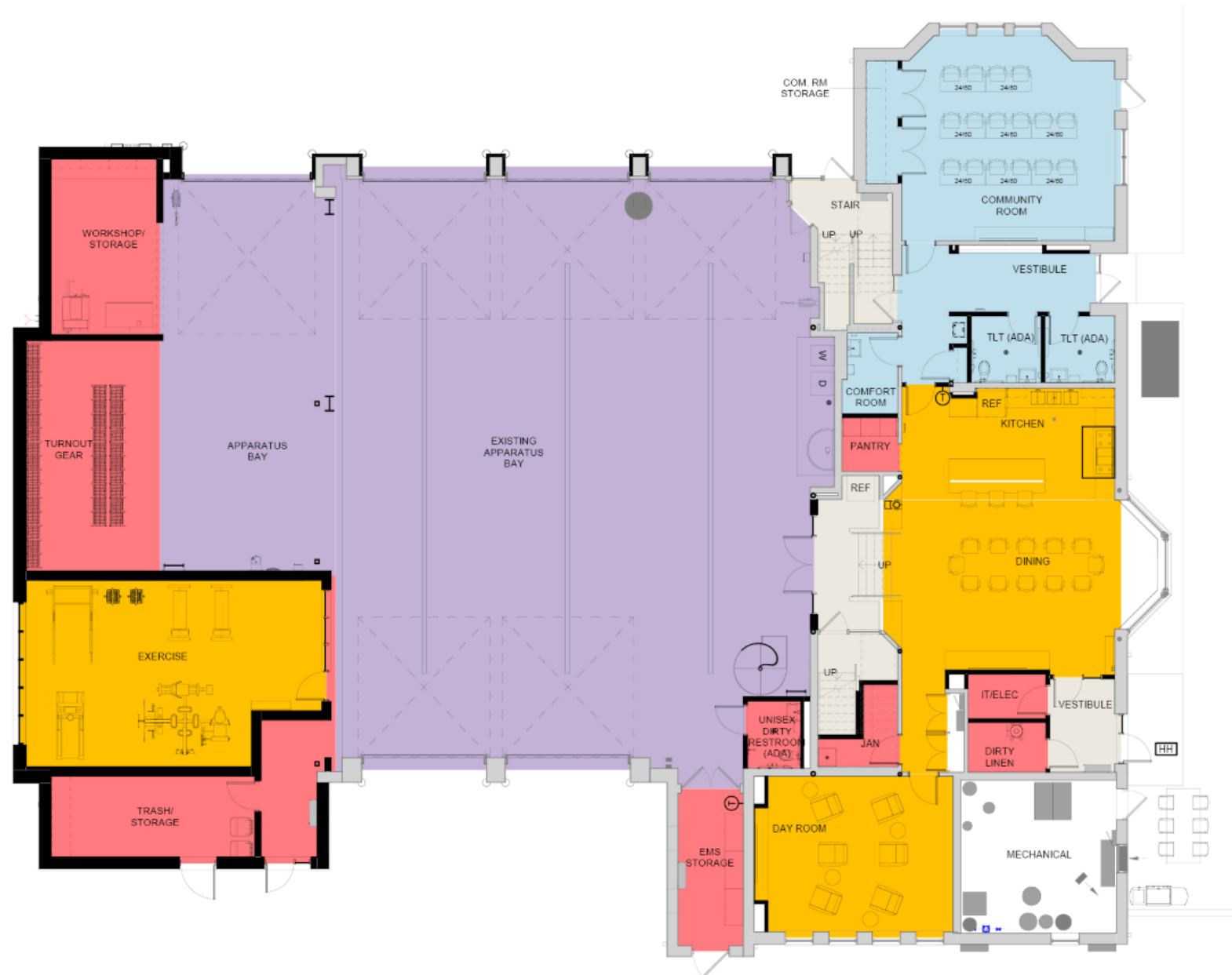


Option 2



Option 3

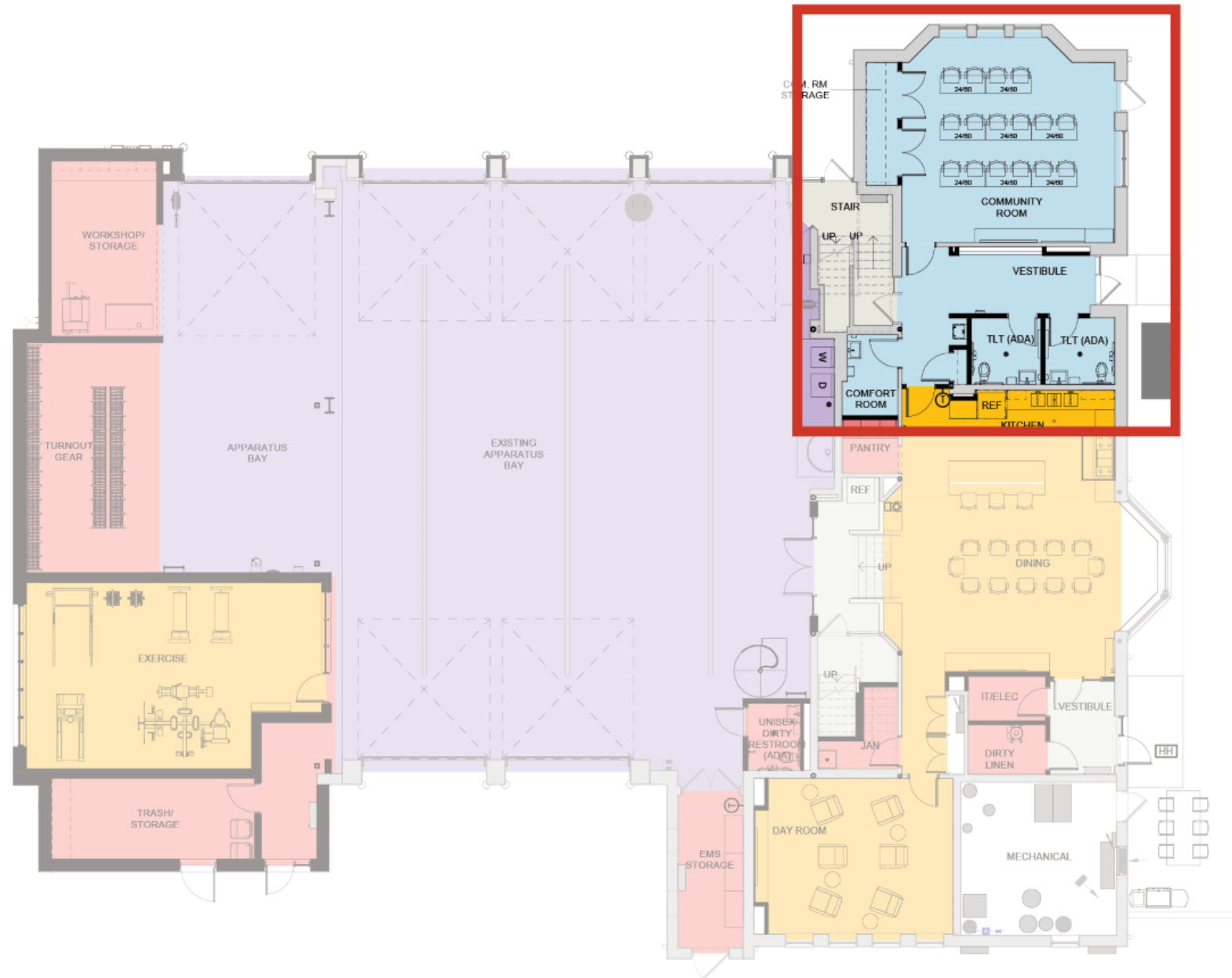
Design | Level 1 Floor Plan



Design | Level 1 Community Entry



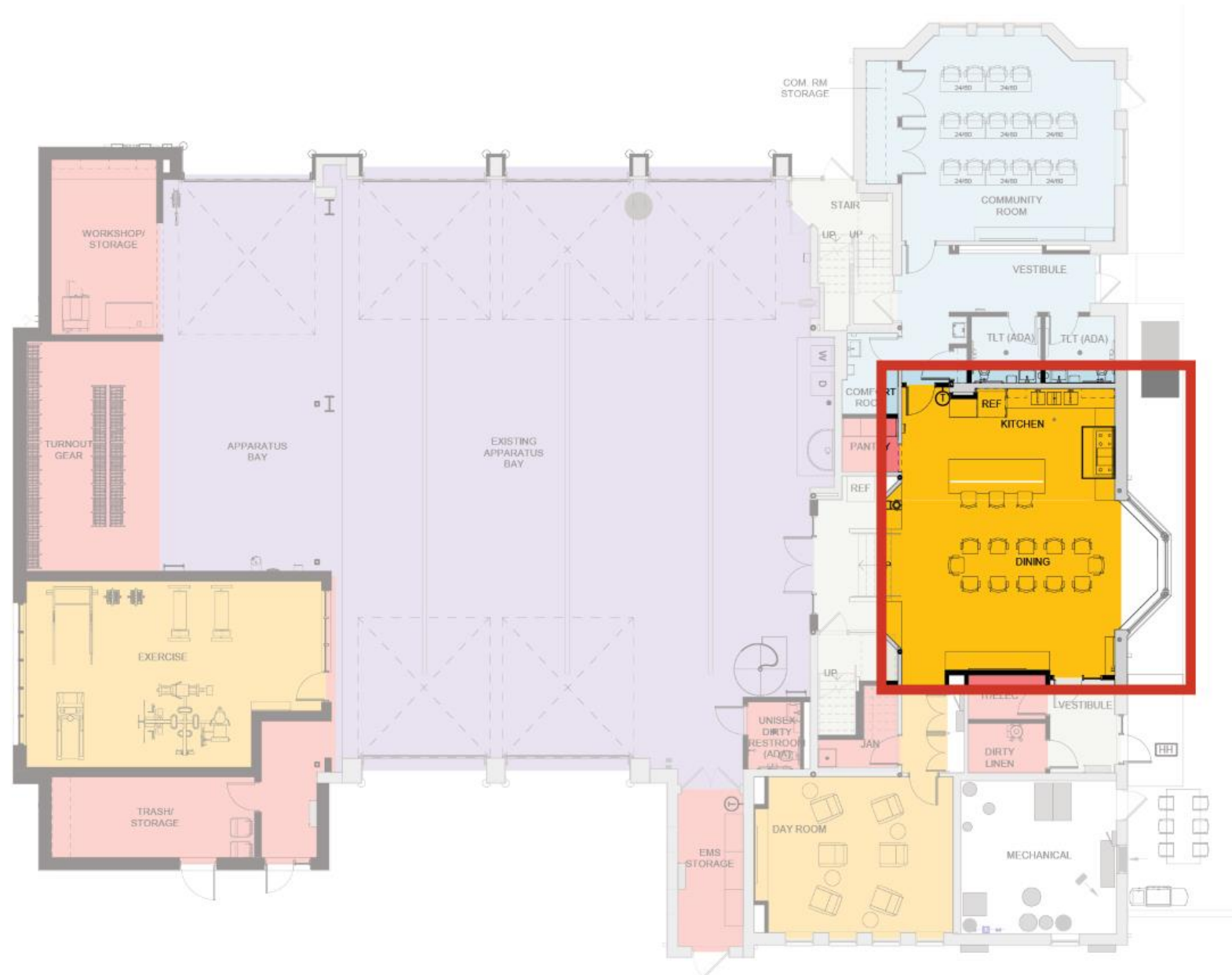
Design | Level 1 Community Spaces



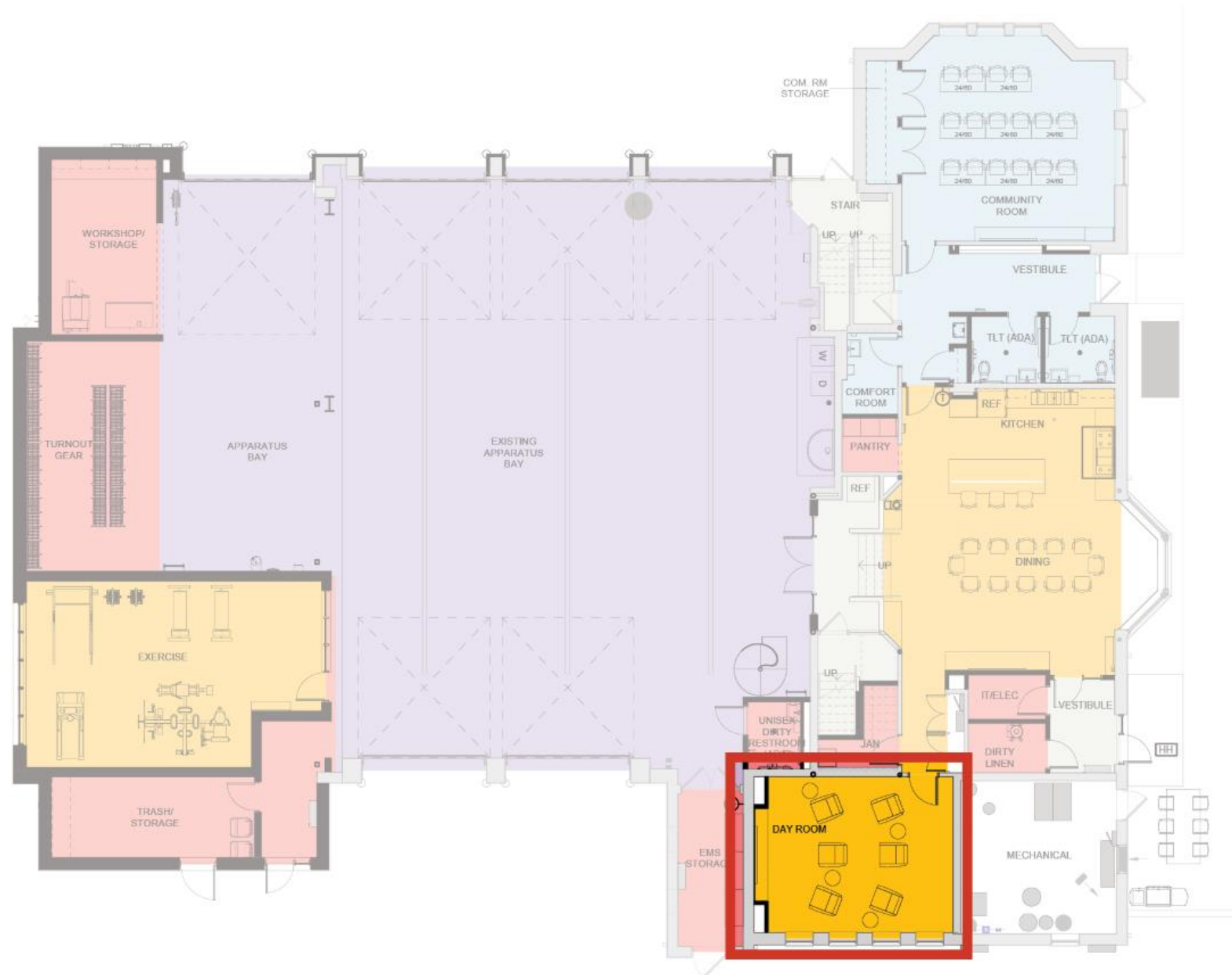
Design | Level 1 Fire Fighter Entry



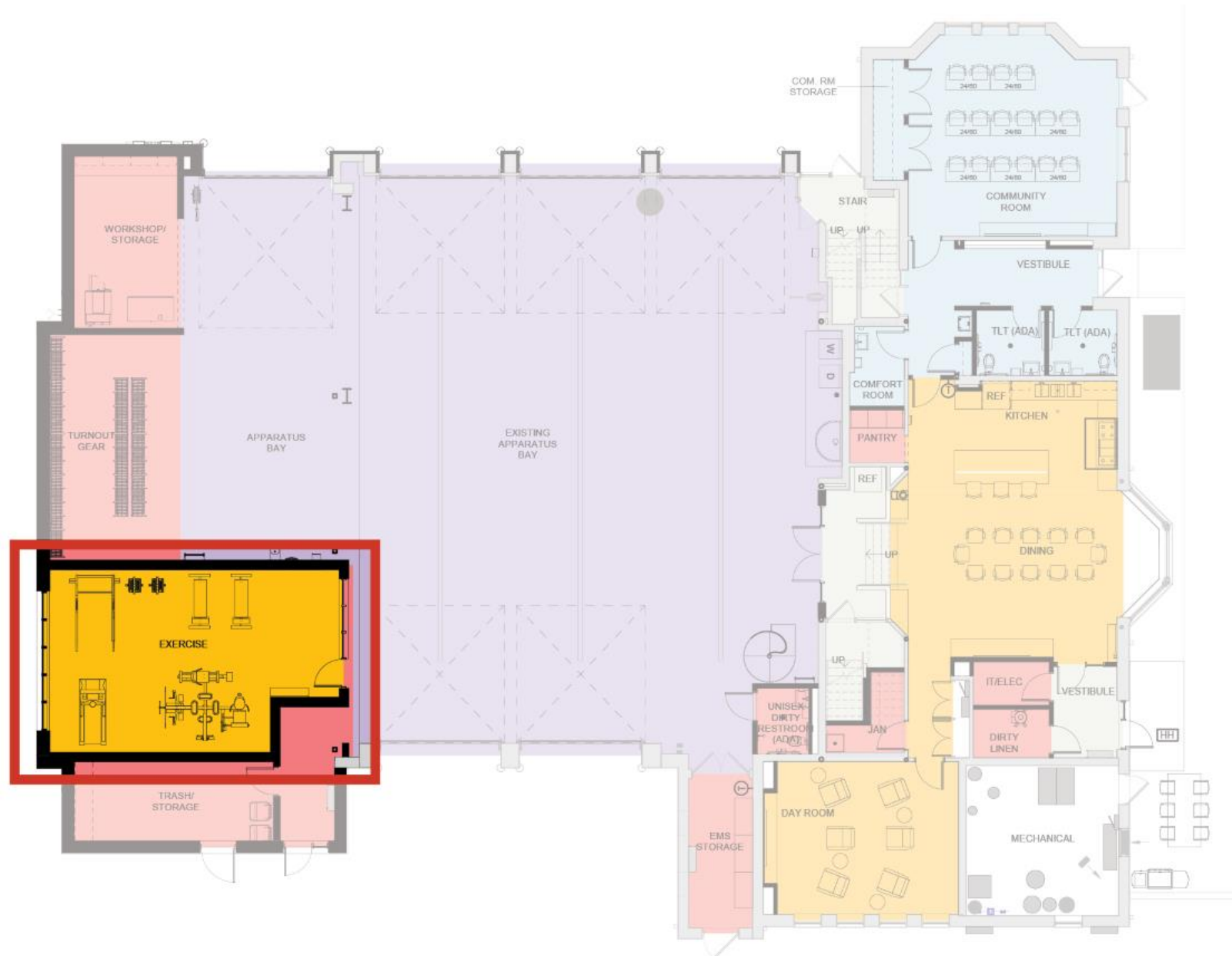
Design | Level 1 Fighter Fighter Spaces



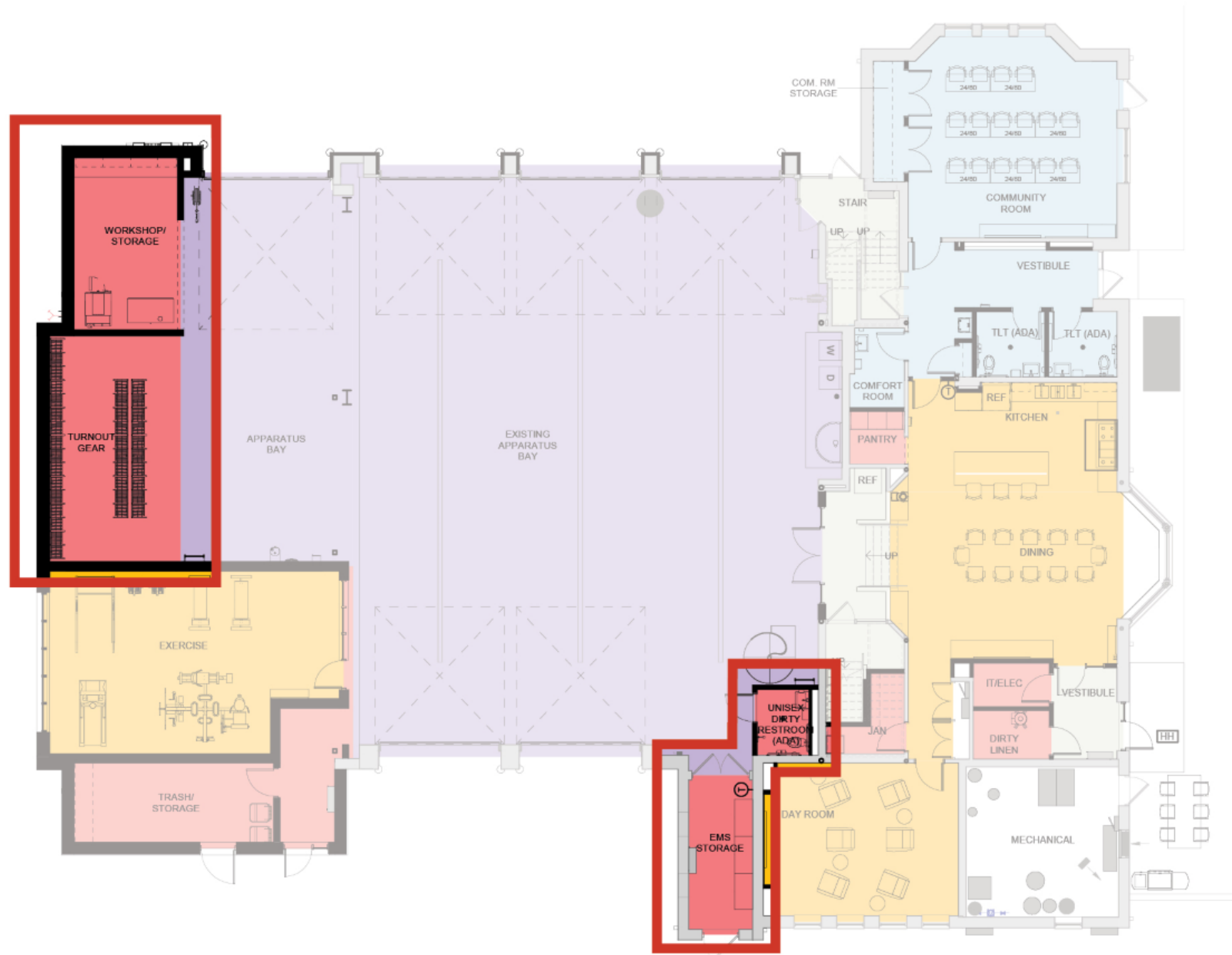
Design | Level 1 Fighter Fighter Spaces



Design | Level 1 Fighter Fighter Spaces



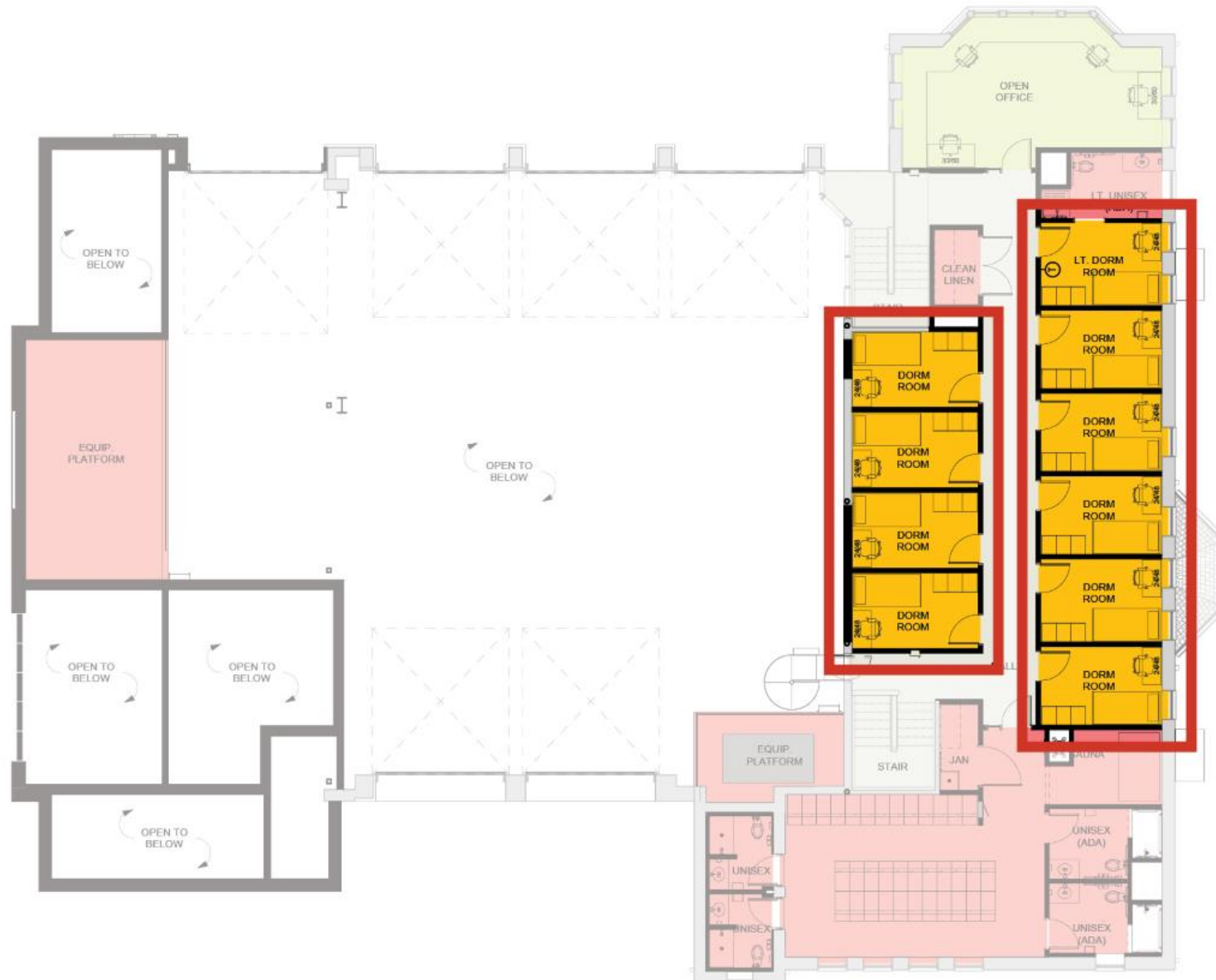
Design | Level 1 Fire Fighter Spaces



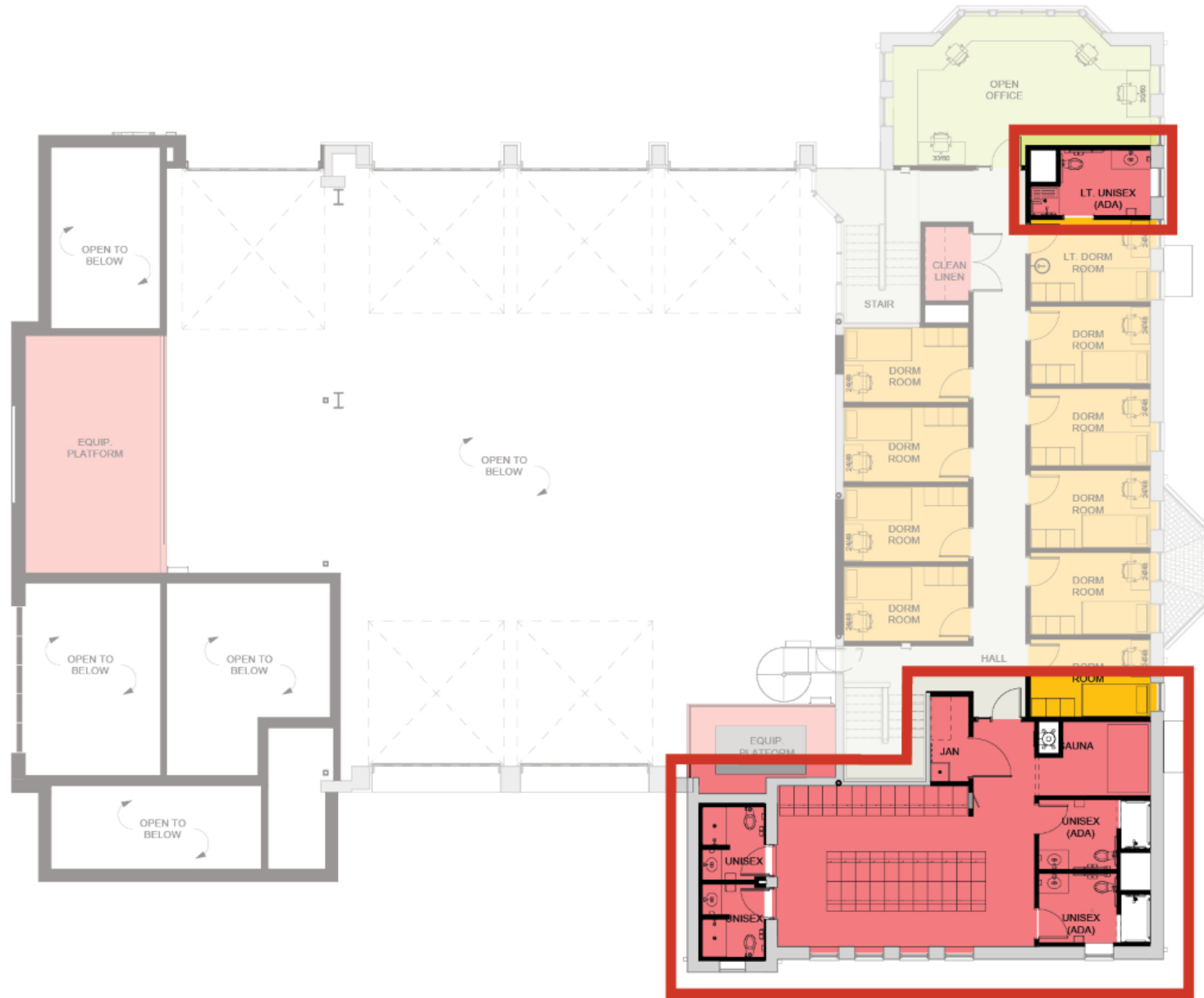
Design | Level 2 Floor Plan



Design | Level 2 Fire Fighter Spaces



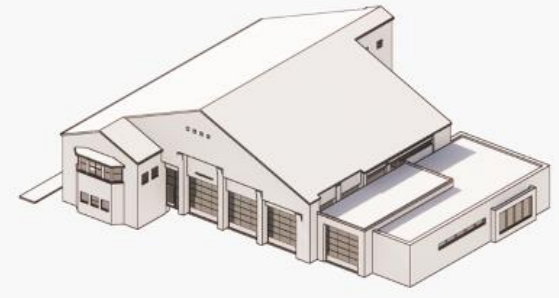
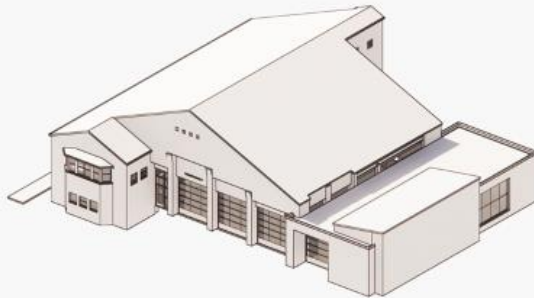
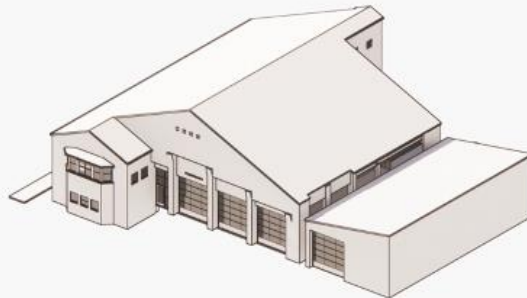
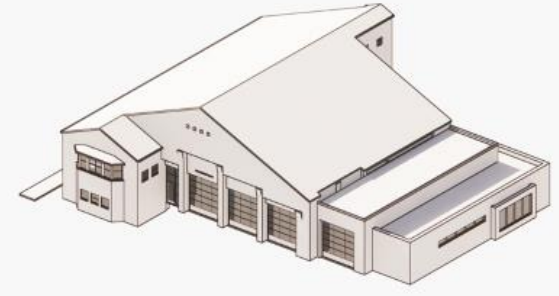
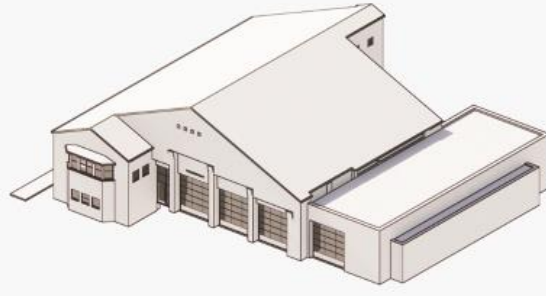
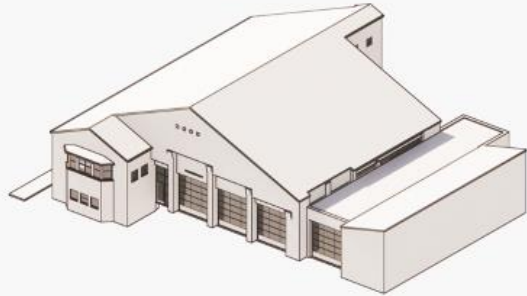
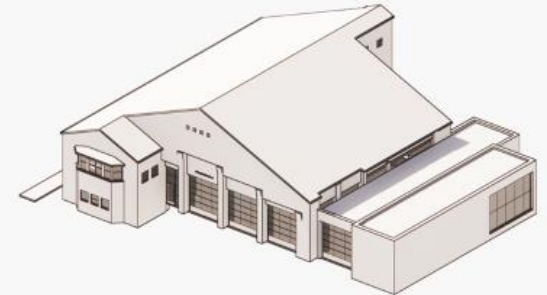
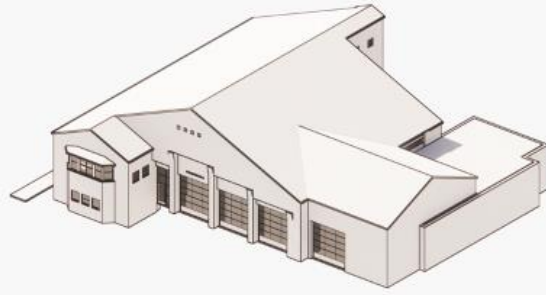
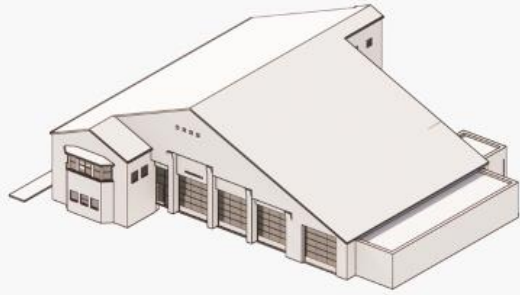
Design | Level 2 Fire Fighter Spaces



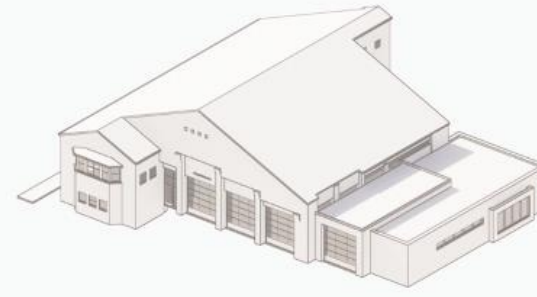
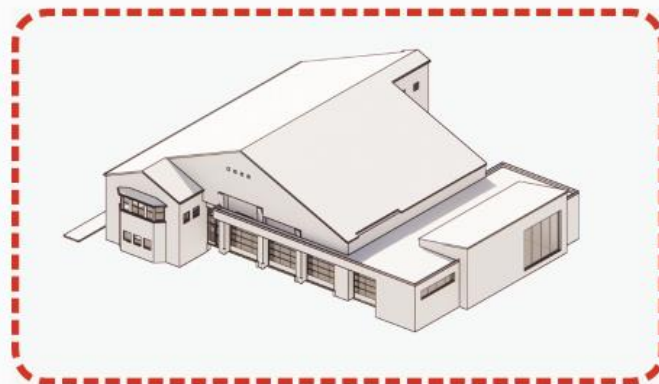
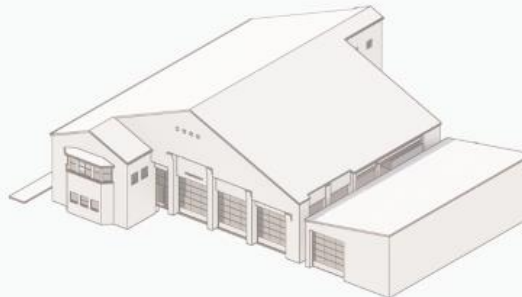
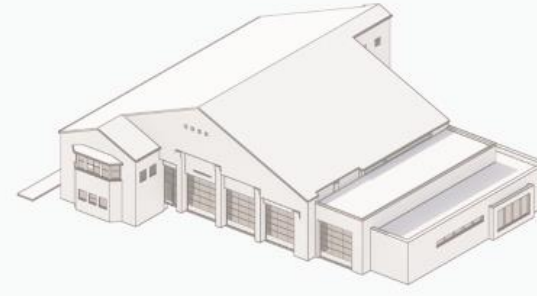
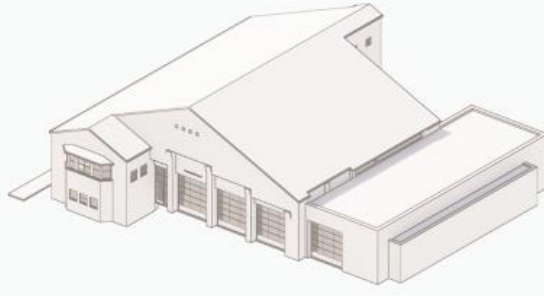
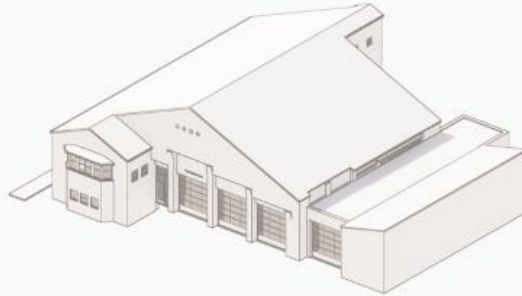
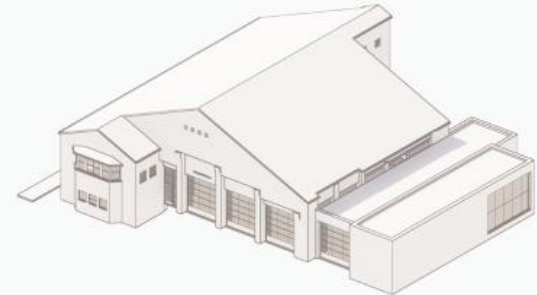
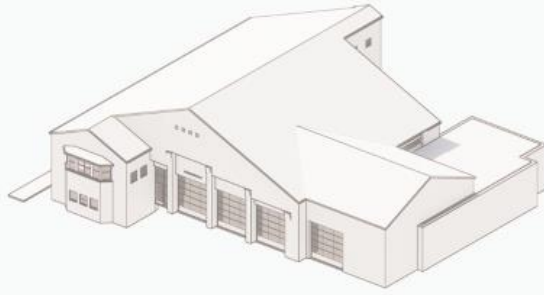
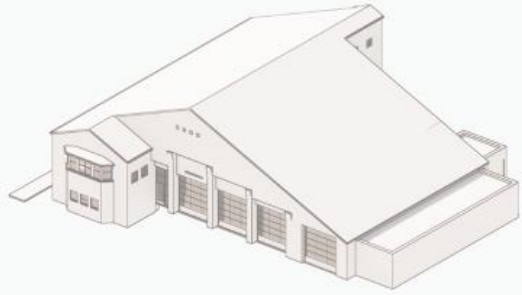
Design | Level 2 Fire Fighter Spaces



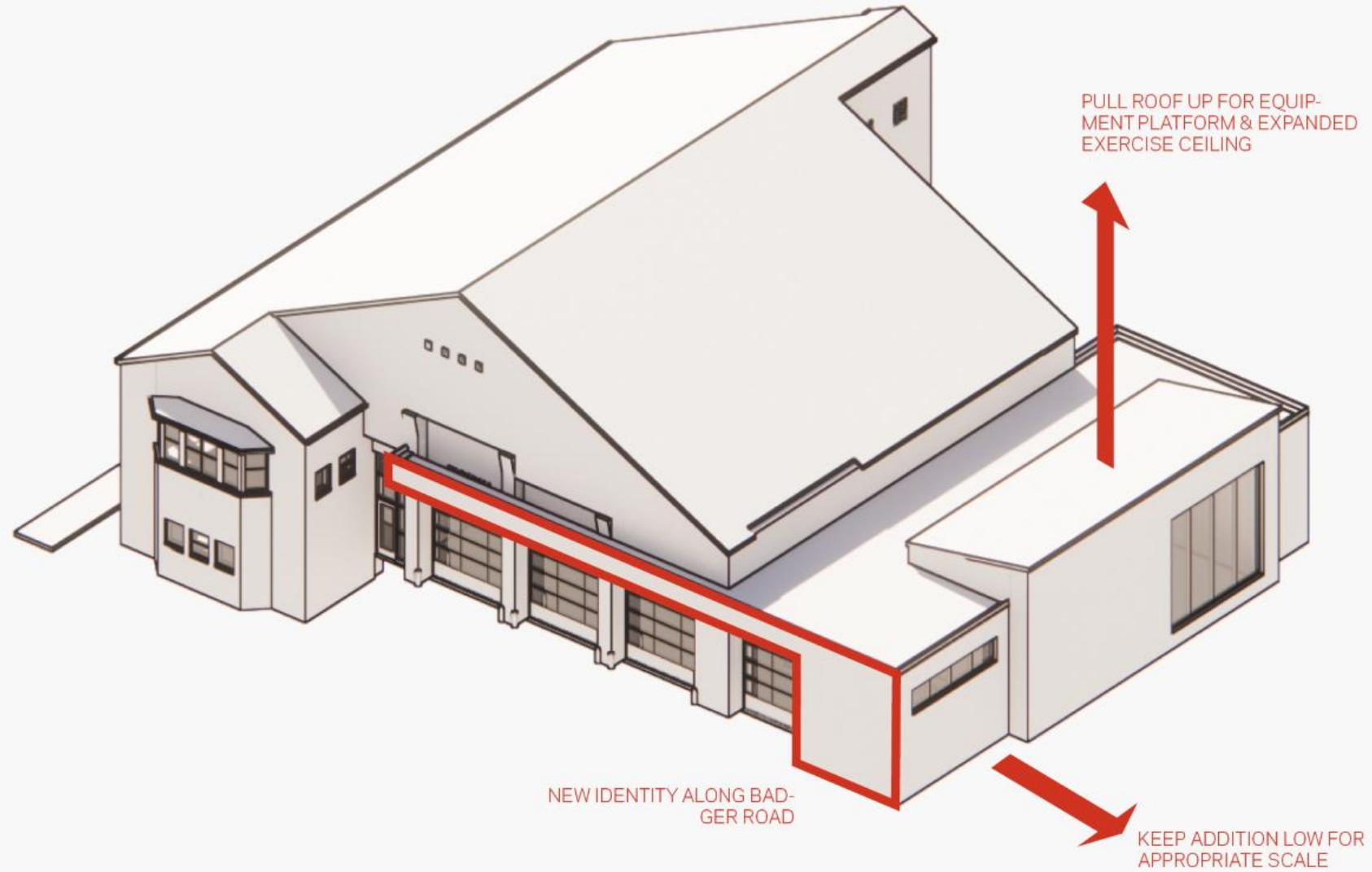
Design | Addition Massing Exploration



Design | Addition Massing Exploration

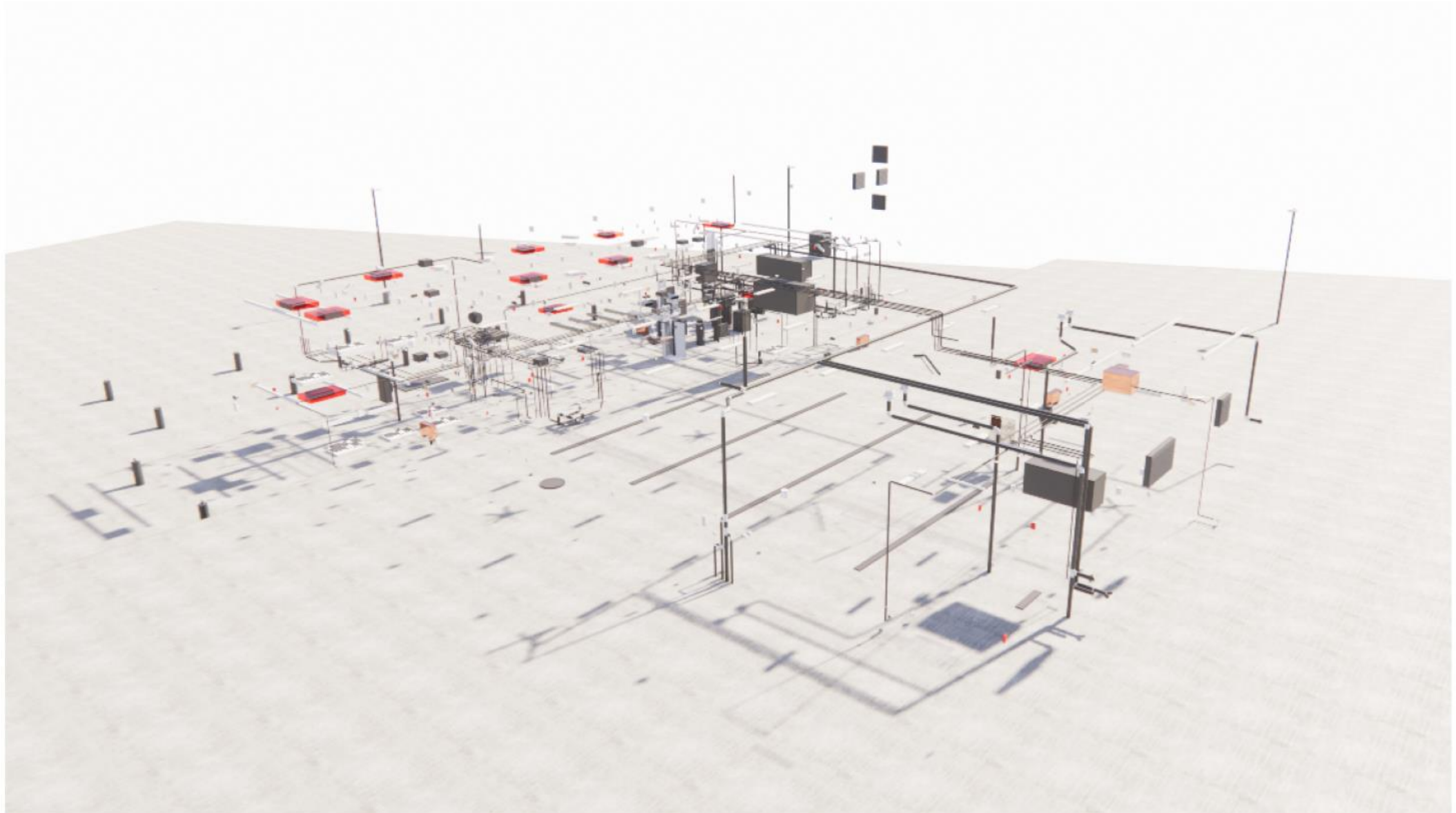


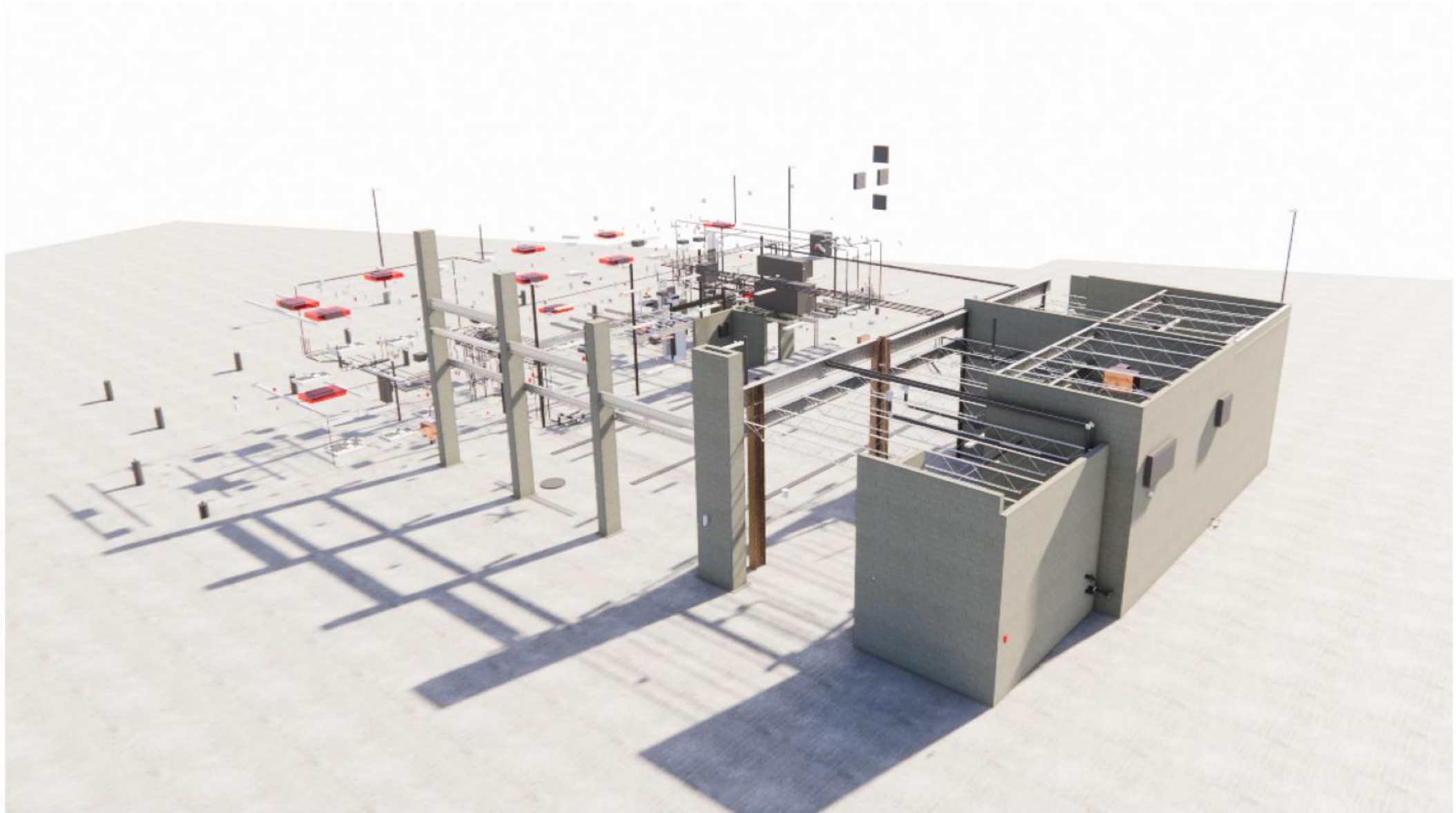
Design | Addition Massing Exploration

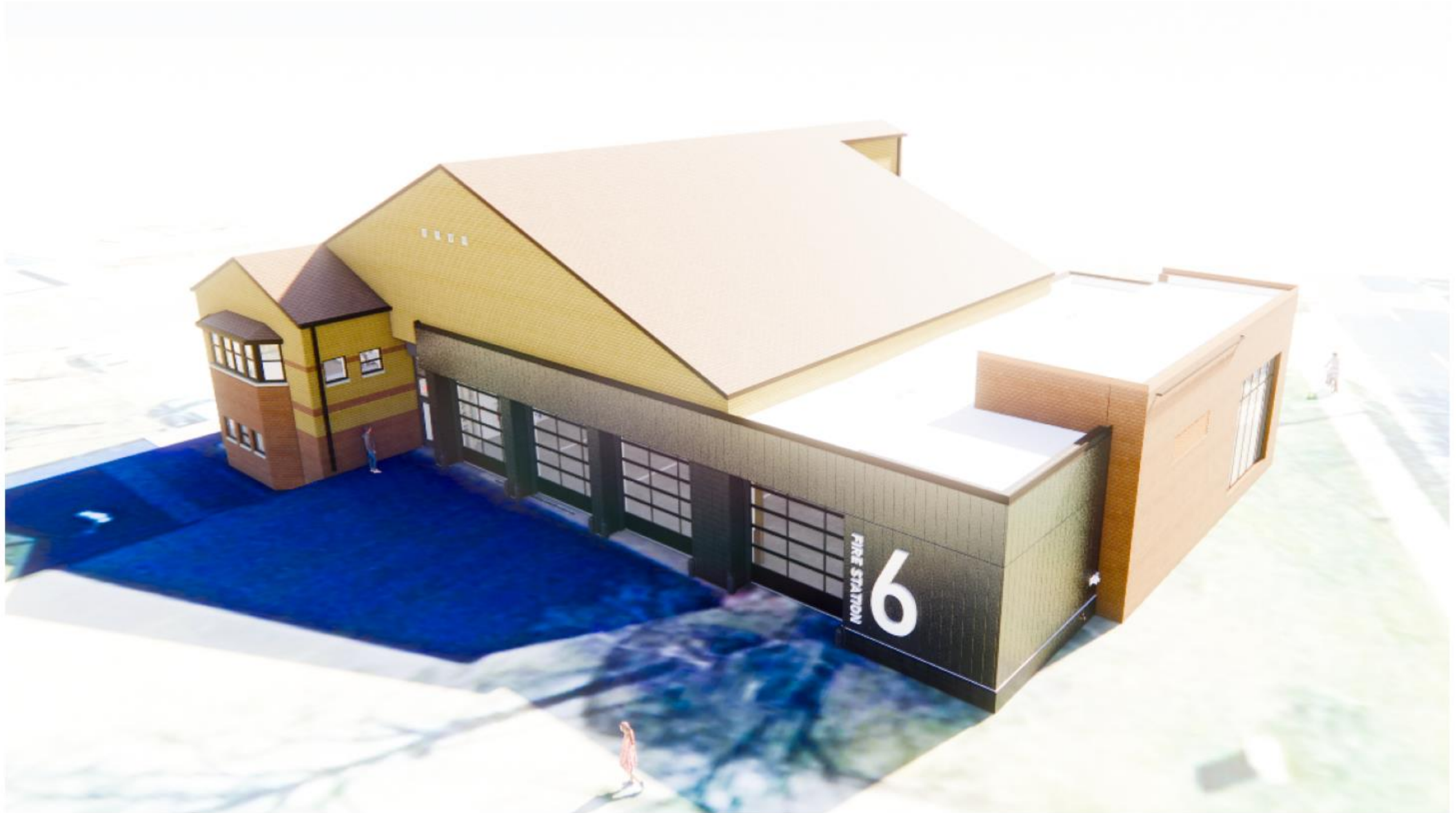


Design | Existing Building









Design | Exterior - Northeast Perspective



Design | Exterior - North Elevation



Design | Exterior - Northwest Building Corner



Design | Exterior - Southwest Building Corner



Design | Exterior - Southeast Building Corner



Design | Interior - Community Entry



Design | Interior - Community Room



Design | Interior - Kitchen & Dining



Design | Interior - Kitchen & Dining



Design | Interior - Dayroom



Design | Interior - Dorm Room Hall



Design | Interior - Locker Room



Design | Interior - Apparatus Bays



Design | Interior - Exercise Room



Thank You



Project Schedule

- January 2022: Advertise for Bids
- May 2022: Begin Construction
- May 2023: End Construction

Contact Information & Resources

➤ Engineering Contact:

- Project Manager, Amy Scanlon, 608 267 0743, ascanlon@cityofmadison.com

➤ Project Website:

- cityofmadison.com/engineering/projects/fire-station-6-remodel-addition
- Sign-up for project email updates on the website
- Updates on work progress will be posted to the project website

➤ Social Media:

- Facebook – City of Madison Engineering
- Twitter – @MadisonEngr
- Engineering Podcast: Everyday Engineering on iTunes, GooglePlay