

# HOUSE of REPRESENTATIVES

## STATE OF MICHIGAN

### Appropriations Requests for Legislatively Directed Spending Items

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1. The sponsoring representative's first name:  
Veronica
2. The sponsoring representative's last name:  
Paiz
3. The cosponsoring representatives' names. All cosponsors must be listed. If none, please type 'n/a.' A signed letter from the sponsor approving the co-sponsorship and a signed letter from the member wishing to co-sponsor are required. Attach letters at question #9 below.  
N/A
4. Name of the entity that the spending item is intended for:  
City of Harper Woods
5. Physical address of the entity that the spending item is intended for:  
19617 Harper Ave, Harper Woods, MI 48225
6. If there is not a specific recipient, the intended location of the project or activity:  
N/A
7. Name of the representative and the district number where the legislatively directed spending item is located:  
Representative Paiz - HD 10
8. Purpose of the legislatively directed spending item. Please include how it provides a public benefit and why it is an appropriate use of taxpayer funding. Please also demonstrate that the item does not violate Article IV, S 30 of the Michigan Constitution.  
To benefit the public, Harper Woods plans to build a 13,611 square foot single story facility community center. The proposed community center includes a multipurpose gymnasium, two meeting rooms, commercial kitchen, ADA compliant locker rooms and restrooms, and permanent administrative space for Parks and Recreation.

This community center would greatly benefit the residents and public by serving as a hub for connection, support, and programming. The center can host educational programs,

offer recreational activities for residents, and serve people of all ages by supporting both senior services and youth engagement initiatives. By fostering a sense of belonging and encouraging civic involvement, a community center strengthens social bonds and helps address local needs. Ultimately, it promotes a more inclusive, resilient, and empowered community, which Harper Woods and the greater public would benefit from.

This proposal/project will comply with the Article IV, S 30 of the Michigan Constitution by being subject to approval by two-thirds of the members elected to and serving in each house of the legislature required for the appropriation of public money or property for local or private purposes.

9. **Attach documents here if needed:**

Attachments added to the end of this file.

10. **The amount of state funding requested for the legislatively directed spending item.**

5000000

11. **Has the legislatively directed spending item previously received any of the following types of funding? Check all that apply.**

["None"]

12. **Please select one of the following groups that describes the entity requesting the legislatively directed spending item:**

Local unit government

13. **For a non-profit organization, has the organization been operating within Michigan for the preceding 36 months?**

Not applicable

14. **For a non-profit organization, has the entity had a physical office within Michigan for the preceding 12 months?**

Not applicable

15. **For a non-profit organization, does the organization have a board of directors?**

Not applicable

16. **For a non-profit organization, list all the active members on the organization's board of directors and any other officers. If this question is not applicable, please type 'n/a.'**

N/A

17. **"I certify that neither the sponsoring representative nor the sponsoring representative's staff or immediate family has a direct or indirect pecuniary interest in the legislatively directed spending item."**

Yes, this is correct

18. Anticipated start and end dates for the legislatively directed spending item:

05/2025 - 08/2026

19. "I hereby certify that all information provided in this request is true and accurate."

Yes

## Harper Woods Community Center

### Project Summary & Call for Support

#### About the Project

The City of Harper Woods is building a modern, inclusive **Community Center** that will serve as a vibrant anchor for recreation, education, civic engagement, and social connection. Strategically located at **Salter Memorial Park**, this new facility reflects our community's vision for equitable access to high-quality public space and programming.

#### Project Features

- **13,611-square-foot**, single-story facility
- Full-size **multi-purpose gymnasium** for sports, events, and community gatherings
- Two **flexible meeting rooms** for classes, programs, and civic use
- A small **commercial kitchen** to support events, training, and nutrition education
- **Gendered and unisex restrooms** with lockers (fully ADA-compliant)
- Permanent **administrative offices** for Parks & Recreation
- Located adjacent to the City's Senior Center to encourage intergenerational connection

#### Project Cost & Timeline

- **Total Cost:** \$8,193,426
- **Funding Needed:** \$5 million
- **Construction Start:** May 2025
- **Target Opening:** August 2026

#### Why It Matters

This Community Center is more than just a building—it's a vital investment in the future of Harper Woods. It will:

- Strengthen youth and senior services
- Improve health, wellness, and safety
- Offer affordable access to community-driven programming
- Foster civic pride and cultural inclusion
- Serve as a model for equitable neighborhood development

## **How You Can Help**

We are actively seeking **philanthropic partners, public funding, private sponsors, and community champions** to help close the remaining funding gap and bring this vision to life. Every contribution—large or small—moves us closer to building a lasting asset for generations to come.

**Let's Build It Together.**

### **Contact:**

**Irma Hayes**

Deputy Director of Economic and Community Development

City of Harper Woods

[ihayes@harperwoods.net](mailto:ihayes@harperwoods.net) | (313) 343-2500

## **Mission Statement**

**The Harper Woods Community Center is a welcoming space where people of all ages can learn, grow, and connect. We provide programs and activities that support health, education, career development, and community spirit for everyone in Harper Woods and surrounding neighborhoods.**

## **About the Harper Woods Community Center**

The Harper Woods Community Center was created to give people a safe and welcoming place to come together. This new space will bring people of all ages together to learn new things, stay active, build friendships, and support each other.

Before this project, Harper Woods didn't have a permanent community space for residents to gather. This center fills that gap, serving about 20,000 people from both Harper Woods and nearby neighborhoods.

## **What You'll Find at the Community Center:**

- **After-school programs** to help students learn and grow
- **Career training and job resources** to help adults find and prepare for work
- **Activities for seniors** that keep them active and connected
- **Meeting spaces** for clubs, neighborhood groups, and community events
- **Sports and recreation programs** for all ages

## **Why It Matters**

This center is part of Harper Woods' bigger promise to take care of its residents. It reflects the city's values: helping people, acting with integrity, trying new ideas, and making sure we stay accountable to the community.

At the end of the day, the Harper Woods Community Center is more than a building — it's a place where our community can thrive, together.

An architectural rendering of the Harper Woods Community Center. The building features a modern design with vertical wooden slats and large glass windows. In the foreground, there is a landscaped area with tall grasses, purple flowers, and a paved walkway. Several people are shown interacting with the space: a woman stands near a planter box, a child sits on a wooden bench, and another child stands nearby. A white car is parked on the street to the left. The sky is a clear, bright blue.

**CITY OF  
HARPER WOODS**  
COMMUNITY CENTER  
**DESIGN PACKAGE**

March 07, 2025

**HANNAH**  
ARCHITECTS



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The design of the new community center should harmoniously blend **Harper Woods’ historical roots, cultural milestones, and natural environment.**

The Community Center will become a beacon of community pride, fostering **engagement, education, and immersion in the park**—a true reflection of “The Woods” and its residents.

A large, stylized number '01' rendered in a thin black outline font. The '0' is a simple oval, and the '1' is a vertical bar with a small horizontal tick at the top. The number is positioned on the left side of the slide, partially enclosed by a large, light gray, curved graphic element that resembles a speech bubble or a stylized 'S' shape.

**SITE ANALYSIS**

# 01 / SITE ANALYSIS

## LOCATION MAP



# 01 / SITE ANALYSIS

## AERIAL



# 01 / SITE ANALYSIS

## HARPER WOODS DEMOGRAPHICS

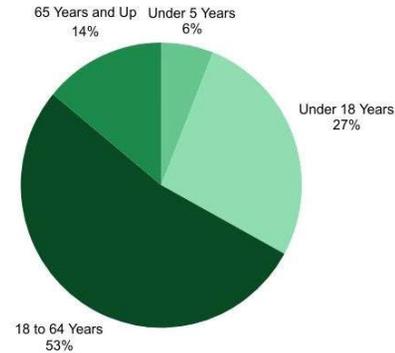
According to the U.S. Census Bureau's 2023 estimates, Harper Woods, Michigan, has a population of approximately 14,895 residents. The city is predominantly African American, accounting for 64.7% of the population, while White residents make up 29.9%. Age distribution indicates that 26.6% of residents are under 18, and 14% are 65 or older. The median household income is \$61,446, with 19.8% of residents living below the poverty line. **The Harper Woods Communit Center should feature inclusive, multi-functional spaces that cater to this diverse, intergenerational community, ensuring accessibility and affordability to meet the varied needs of all residents.**

Reference: U.S. Census Bureau. (n.d.). QuickFacts: Harper Woods city, Michigan. U.S. Department of Commerce. Retrieved January 28, 2025, from <https://www.census.gov/quickfacts/fact/table/harperwoodscitymichigan/PST045224>

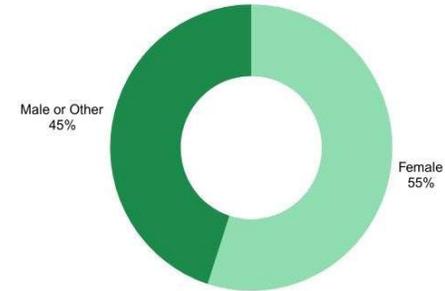
### TOTAL POPULATION



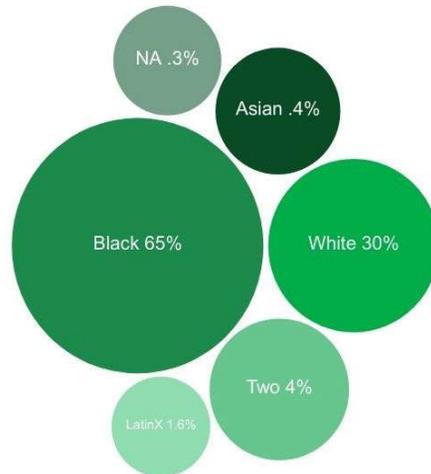
### AGE



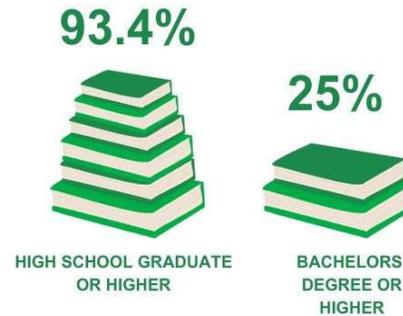
### SEX



### RACE



### EDUCATION LEVEL



### MEDIAN HOUSEHOLD INCOME

\$61,446

# 01 / SITE ANALYSIS

## SITE CONTEXT

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1950 Harper & Pointe Fitness & Training Center/  
JC Miller Real Estate



Discovery Creative Pathways: Harper Woods



Park Place of Harper Woods



Salter Memorial Park



Tyrone Elementary School

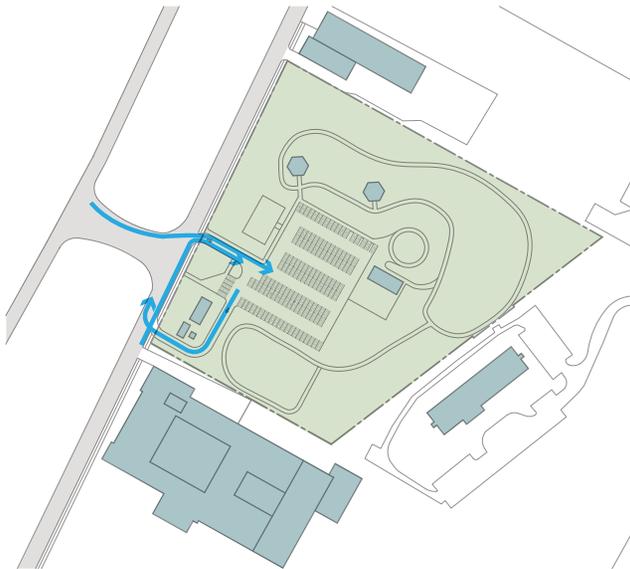


Harper Woods Residential Community

# 01 / SITE ANALYSIS

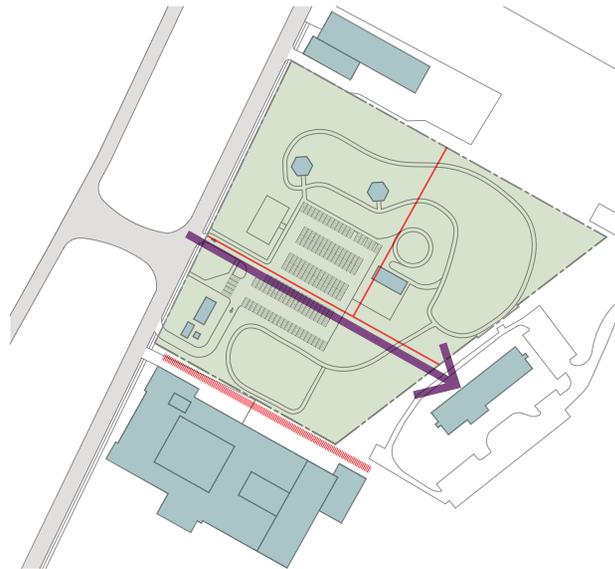
## EXISTING SITE CONDITIONS

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EXISTING SURROUNDING BUILDINGS

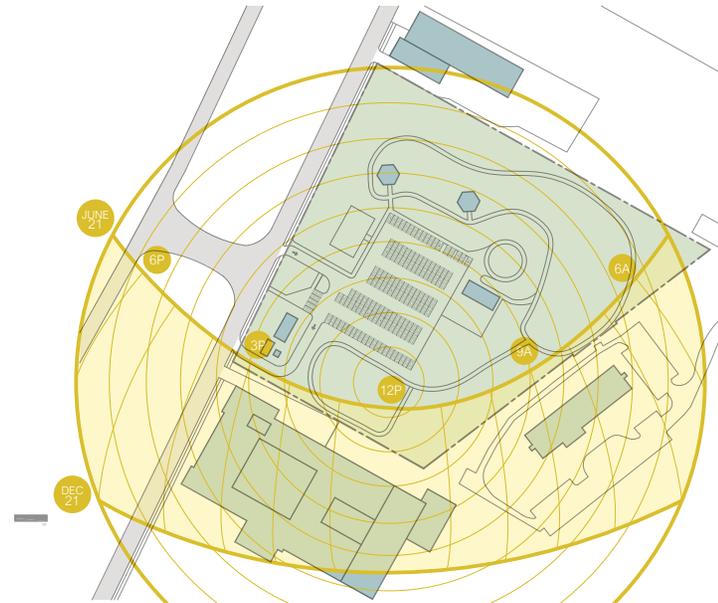
EXISTING PUBLIC TOILET ROOMS / CELL PHONE



DESIRABLE VIEWS ON DRIVE AXIS THAT LEADS TO SENIOR APARTMENT BUILDINGS

UNDESIRABLE VIEWS ON SOUTH SIDE OF SITE

EXISTING WATERMAIN LINE DIVIDES PROPERTY

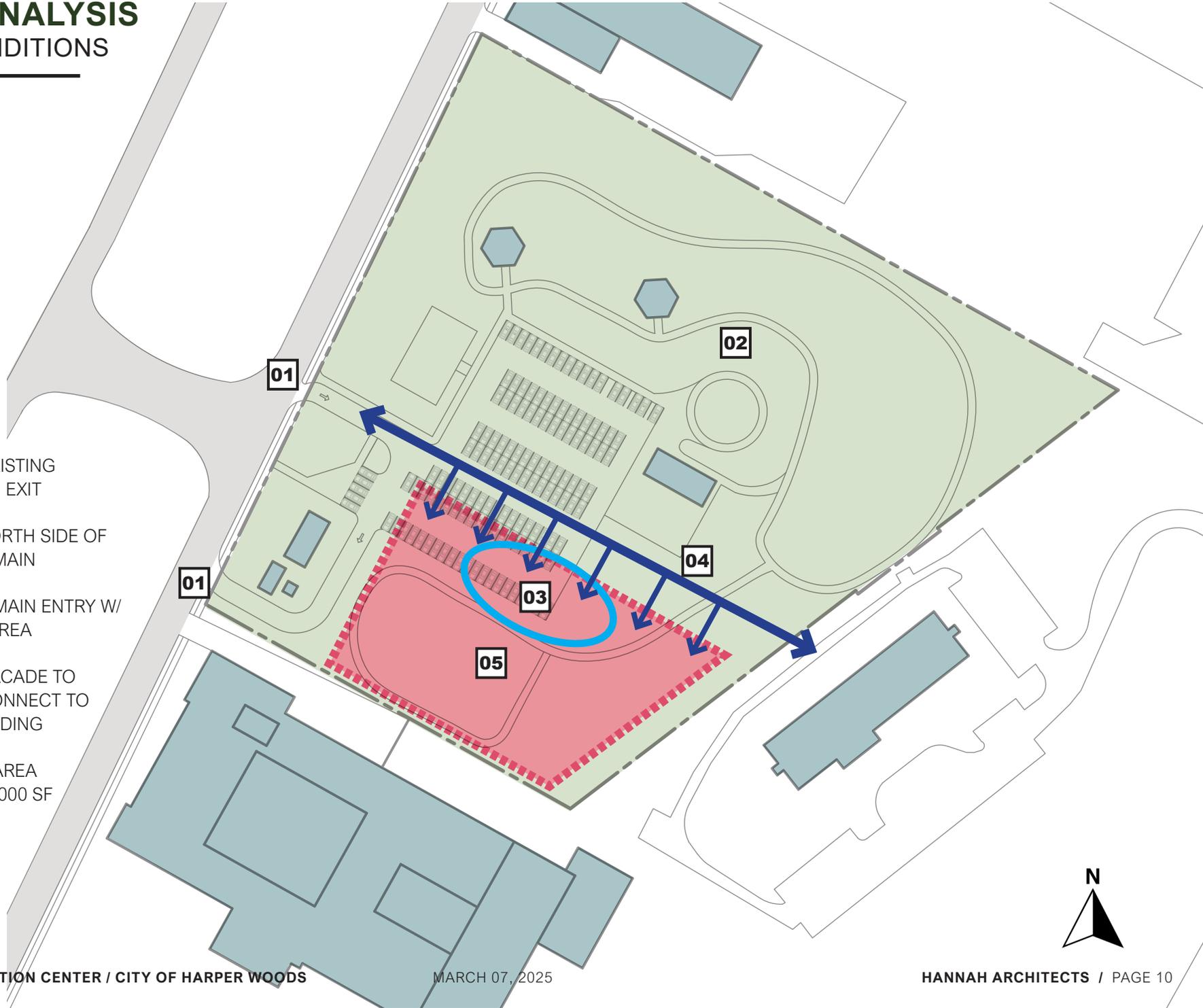


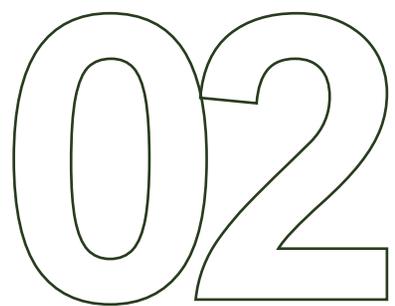
EAST-TO-WEST SUN PATH ALONG SITE

# 01 / SITE ANALYSIS

## EXISTING CONDITIONS

- 01** MAINTAIN EXISTING ENTRANCE + EXIT
- 02** EXISTING NORTH SIDE OF PARK TO REMAIN
- 03** PROPOSED MAIN ENTRY W/ DROP-OFF AREA
- 04** MAXIMIZE FACADE TO VISUALLY CONNECT TO SENIOR BUILDING
- 05** BUILDABLE AREA APPROX. 66,000 SF



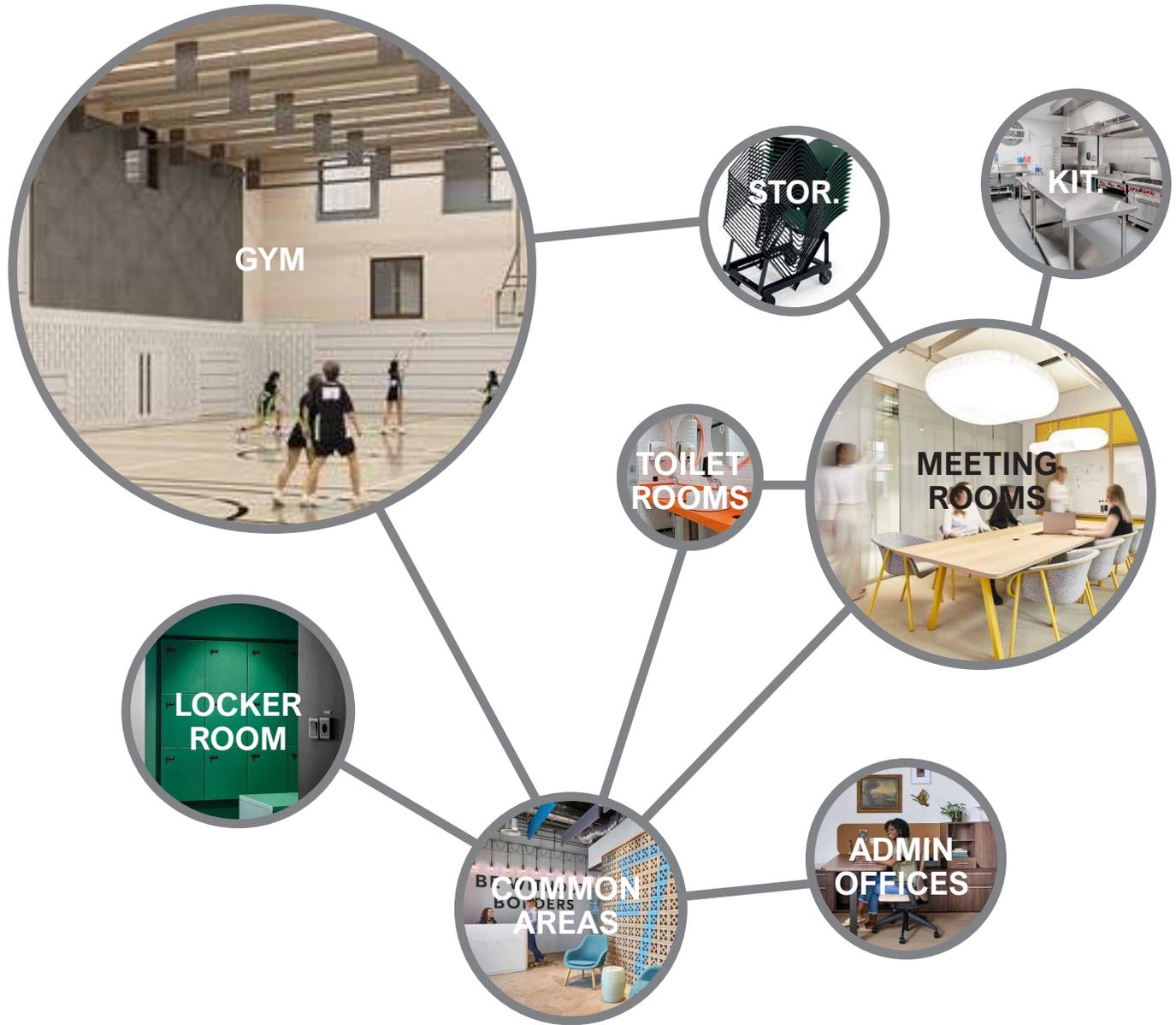
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**PROGRAM**

# 02 / PROGRAM REQUIREMENTS

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- GYM
- (2) MEETING ROOMS
- LOCKERS ROOMS
- 1-2 OFFICES
- LOBBY / RECEPTION AREA
- SMALL COMMERCIAL KITCHEN
- PUBLIC TOILET
- STORAGE
- UTILITY SPACE



# 02 / PROGRAM REQUIREMENTS

## Harper Woods Community Center / Program

#2024110

UPDATED / 01/27/2025

CITY OF HARPER WOODS / HARPER WOODS, MICHIGAN

OFFICE AREA/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
<b>OFFICE ENTRY</b>							
		Lobby + Reception		450	0	0	
		Mail area		80	0	0	
		Package Room		0	0	0	
<b>BOH</b>							
		Janitors Closet		50	0	0	see Community
		Storage		120	1	120	
		Unisex Toilet Room		60	1	60	
<b>BREAK ROOM</b>							
		Kitchenette area		155	0	0	
		Pantry / Storage		50	1	50	
		Staff Lockers			0		not required
<b>OFFICES</b>							
		Typical Office		125	2	250	
		Directors Office		180	1	180	safe - bolted to ground 18"h x 12"w
<b>OPEN OFFICE AREA</b>							
		Hoteling Stations		25	1	25	
		Copy / Print Area		48	0	0	individual printing at desk or shared printer (cannot be in public space)
<b>TOTAL NET SF</b>						<b>685 SF</b>	
NET-TO-GROSS MULTIPLIER (+25%)						171.25	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
<b>ESTIMATED GROSS SQUARE FOOTAGE</b>						<b>856.25 SF</b>	

# 02 / PROGRAM REQUIREMENTS

COMMONS/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
<b>ENTRY</b>							
		Vestibule		120	1	120	
<b>RECEPTION AREA</b>							
		Desk area		200	1	200	1 person full time
		Storage		50	1	50	computer, scanner
		Gym equipment check-out (basektballs, etc)		80	1	80	basketball / pickleball / things to loan out -corn hole
		Retail area		5	1	5	display case in counter
<b>LOUNGE AREA</b>							
		Open seating area		300	1	300	in corridor / charging areas
		Beverage Station		50	1	50	water bottle filler
		Vending Machine area		100	0	0	not needed
<b>TOILET ROOMS</b>							
		Mens		250	0	0	see Community
		Womens		250	0	0	see Community
		Unisex		80	0	0	see Community
<b>TOTAL NET SF</b>						<b>805 SF</b>	
NET-TO- GROSS MULTIPLIER (+20%)						161	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
<b>ESTIMATED GROSS SQUARE FOOTAGE</b>						<b>966 SF</b>	

# 02 / PROGRAM REQUIREMENTS

FITNESS + HEALTH/							
SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS	
<b>GYM</b>							
	1 court		6420	1	6420	add walking track, pickelball, tennis, volleyball, tumbling	
	Gym Storage		250	1	250		
	Spectator seating		380	1	380		
	Pickleball Court		2400	0	0		
	Turf Area		2400	0	0		
				1	0		
				0	0		
<b>TRACK</b>							
	Track		800	1	800	add to gym	
					0		
<b>LOCKER ROOMS</b>							
	Mens Lockers		350	1	350	no shower	
	Womens Lockers		350	1	350	no shower	
	Family Rooms		100	1	100	no shower	
	Janitors Closet		120	1	120		
<b>TOTAL NET SF</b>					<b>8770 SF</b>		
NET-TO-GROSS MULTIPLIER (+20%)					1754	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES	
<b>ESTIMATED GROSS SQUARE FOOTAGE</b>					<b>10524 SF</b>		

COMMUNITY/							
SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS	
<b>MULTI-PURPOSE</b>							
	Multi-Purpose Rooms / Meeting Rooms		500	1	500	Movable partition	
	Multi-Purpose Rooms / Meeting Rooms		500	1	500	dance, meetings, gathers, classes, graduation, baby shower	
					0		
<b>MISC. SUPPORT ROOMS</b>							
	Storage		200	1	200	verify storage needs, movable flooring	
	Stage		100	0	0	not required	
	Womens Toilet Room		250	1	250		
	Mens Toilet Room		250	1	250		
	Unisex		80	1	80		
<b>COMMERCIAL KITCHEN</b>							
	Kitchen area		400	1	400	senior program, mtgs, family reunion	
	Storage		120	1	120	stove, oven, refrigerator, dishwasher, must be able to cook	
	Plating area		120	0	0		
<b>TOTAL NET SF</b>					<b>2300 SF</b>		
NET-TO-GROSS MULTIPLIER (+20%)					460	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES	
<b>ESTIMATED GROSS SQUARE FOOTAGE</b>					<b>2760 SF</b>		

# 02 / PROGRAM REQUIREMENTS

BOH/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
<b>Back-of-House</b>							
		Mechanical Room		120	1	120	
		Electrical Room		120	1	120	
		Maintenance Room		120	1	120	
		Shipping/Receiving Area		120	0	0	
<b>TOTAL NET SF</b>						<b>360 SF</b>	
NET-TO-GROSS MULTIPLIER (+20%)						36	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
<b>ESTIMATED GROSS SQUARE FOOTAGE</b>						<b>396 SF</b>	

OUTDOOR/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
<b>PUBLIC AREAS</b>							
		Outdoor Garden			0		NOT INCLUDED IN NET SF
		Outdoor Classroom					NOT INCLUDED IN NET SF
		Nature look-out					NOT INCLUDED IN NET SF
		Walking Path					NOT INCLUDED IN NET SF
		Turf Area					NOT INCLUDED IN NET SF
<b>PARKING</b>							
		Public Parking		0			NOT INCLUDED IN NET SF
		Employee Parking		0			NOT INCLUDED IN NET SF
		Van Parking		0			NOT INCLUDED IN NET SF
		Loading Area					
<b>TOTAL NET SF</b>						<b>0 SF</b>	
NET-TO-GROSS MULTIPLIER (+20%)						0	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
<b>ESTIMATED GROSS SQUARE FOOTAGE</b>						<b>0 SF</b>	

<b>TOTAL GROSS SQUARE FOOTAGE</b>					<b>15502.25 SF</b>	<b>TOTAL</b>
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03

**STORYTELLING +  
NARRATIVE**



**Rooted in history, thriving in nature—Harper Woods  
Community Center is a hub for **culture connection**  
and **conservation** in Salter Memorial Park**

# 03 / STORYTELLING + NARRATIVE

## VISIONING WORKSHOP

To better understand the themes and inspirations that drive the future of the Harper Woods Community Center through a series of look + feel imagery based prompts and conversations. The outcomes of this workshop begin to craft the storytelling and narrative for the design.



# 03 / STORYTELLING + NARRATIVE

## GUIDING PRINCIPLES

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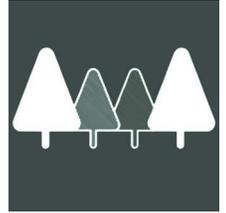
- **Modern & Inviting Design** – Blends clean-lined materials with warmth and flexibility to accommodate diverse activities.
- **Light-Filled & Vibrant Interiors** – Features generous glazing, playful color accents, and adaptable seating for comfort and engagement.
- **Seamless Indoor-Outdoor Connection** – Thoughtfully integrates green spaces to enhance community interaction and well-being.
- **Sustainability & Inclusivity** – Prioritizes eco-friendly design and accessibility to support a diverse, thriving community.



## 03 / STORYTELLING + NARRATIVE

### WHAT DRIVES THE DESIGN OF THE HARPER WOODS COMMUNITY CENTER

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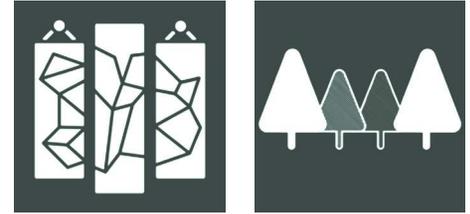
- **Rooted in Heritage** – Reflects the city’s origins, honoring its wooded landscapes and historical ties to Detroit.
- **Seamless Indoor-Outdoor Integration** – Leverages the park setting to create a fluid connection between built and natural environments.
- **Sustainable + Educational Design** – Features rain gardens, native plantings, and tree preservation to serve as a “living classroom” for the community.
- **Community-Centered** – Designed to inspire ownership, engagement, and a lasting sense of pride for Harper Woods residents.



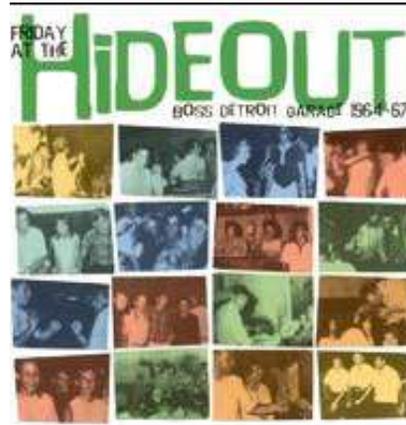
### 03 / STORYTELLING + NARRATIVE

#### WHAT DRIVES THE DESIGN OF THE HARPER WOODS COMMUNITY CENTER

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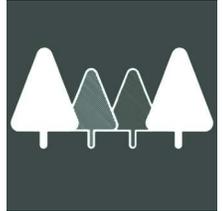
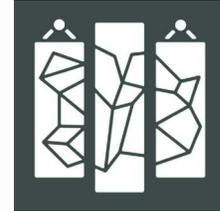
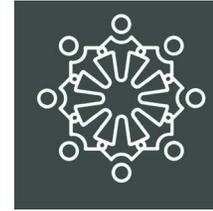
- **Celebrating Local Legacy** – Honors Harper Woods’ music and arts history, including The Hideout and the East Side Drive-In.
- **Multi-Functional Arts Spaces** – Provides venues for performance, self-expression, and creative community programming.
- **Public Art & Murals** – Showcases local artists and cultural narratives through visual storytelling.
- **Creative Collaboration** – Connects residents with Detroit’s broader artistic community to foster engagement and pride.



### 03 / STORYTELLING + NARRATIVE

#### WHAT DRIVES THE DESIGN OF THE HARPER WOODS COMMUNITY CENTER

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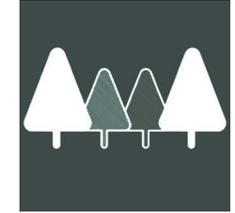
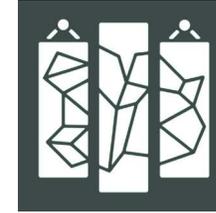
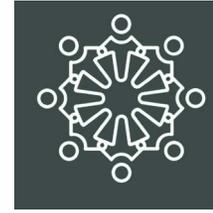
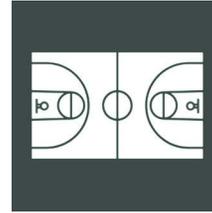
- **Architectural Identity** – Incorporates elements from Harper Woods’ diverse residential styles to create a familiar, inviting atmosphere.
- **Flexible & Adaptive Spaces** – Supports a variety of uses, from educational workshops to large community events.
- **Civic Engagement Hub** – Provides dedicated spaces for meetings, programs, and initiatives that strengthen community ties.
- **Built on Community Input** – Aligns with Harper Woods’ history of resident-driven planning, continuing the legacy of collaboration.



# 03 / STORYTELLING + NARRATIVE

## WHAT DRIVES THE DESIGN OF THE HARPER WOODS COMMUNITY CENTER

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- **Comprehensive Fitness Amenities** – Includes a gym/ basketball court, and outdoor fitness spaces for diverse activity options.
- **Year-Round Wellness** – Integrates indoor and outdoor fitness to support active lifestyles in every season.
- **Inclusive & Accessible** – Provides recreation opportunities for all ages and abilities.
- **Strengthening Community** – Encourages health, connection, and well-being through shared spaces for movement and play.



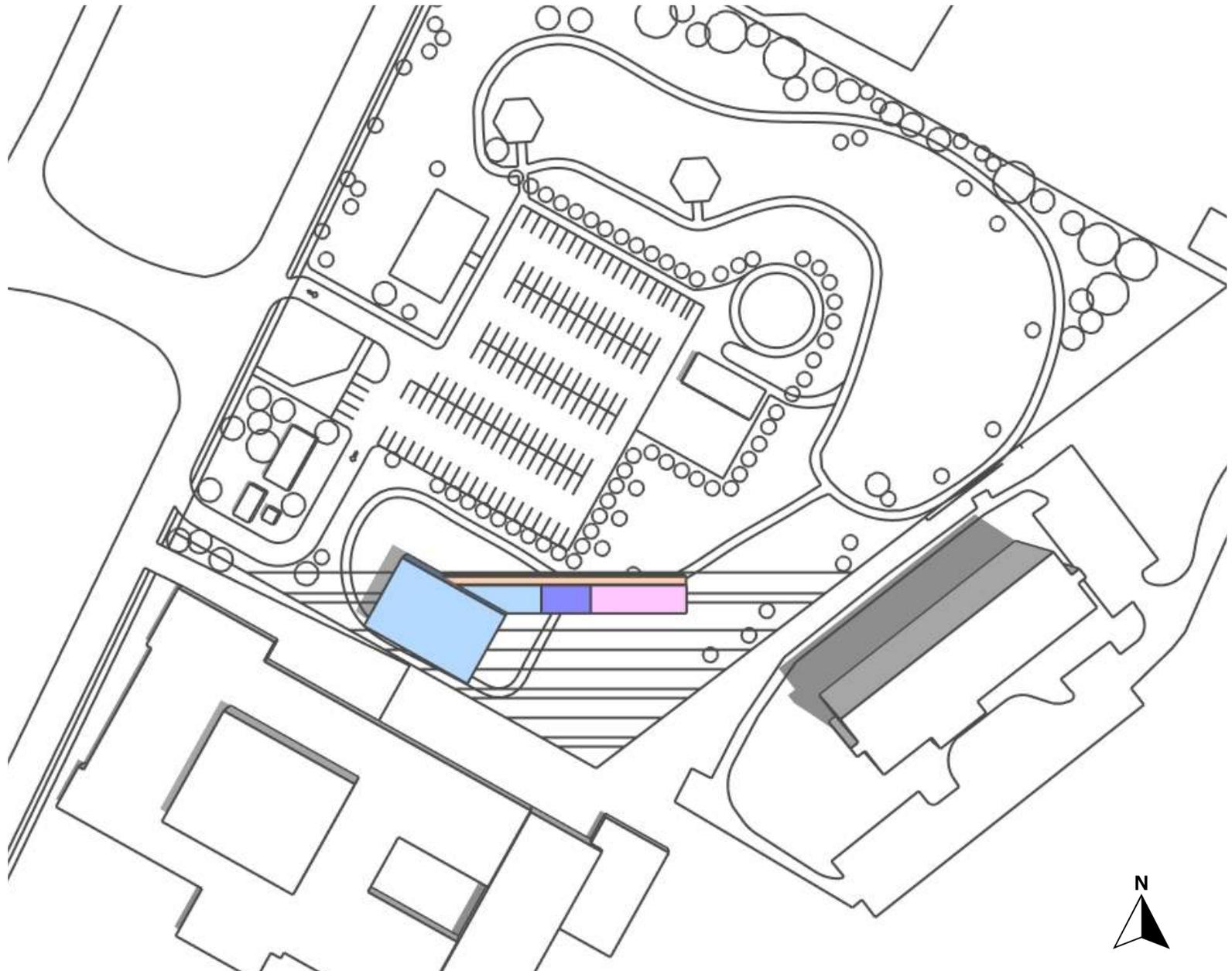
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**PLANS +  
SECTIONS**

# 04 / PLANS & SECTIONS

## SITE PLAN

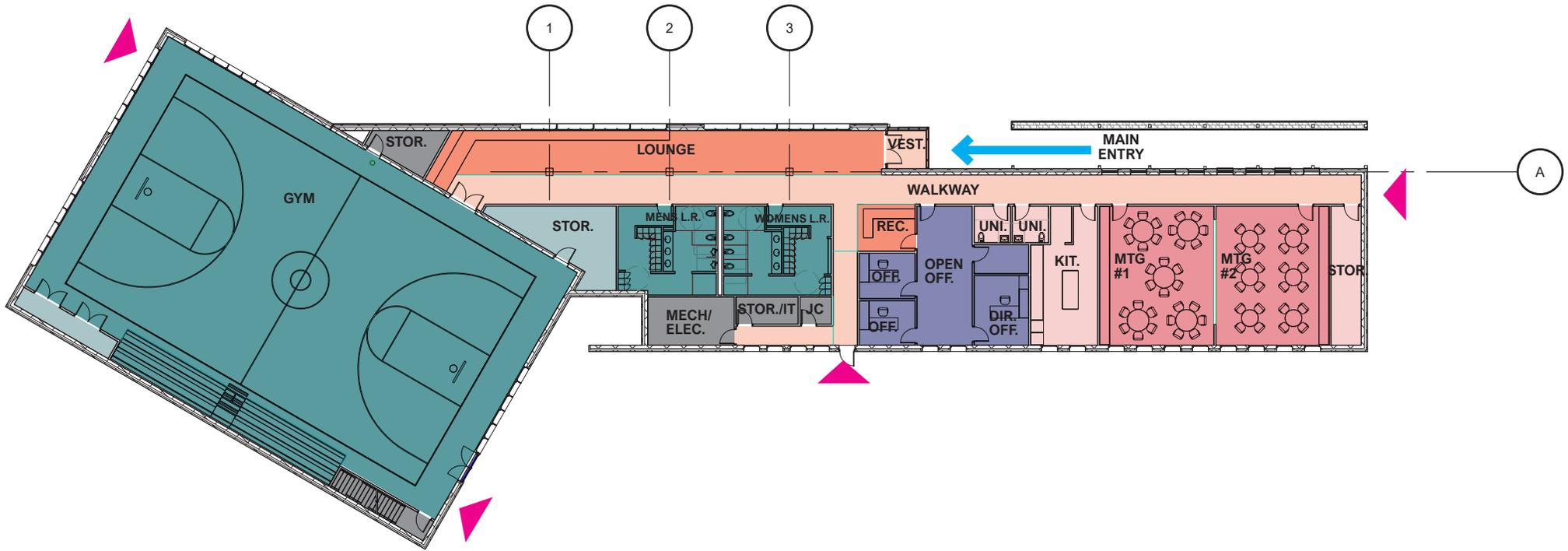
-  FITNESS + HEALTH
-  COMMUNITY
-  OFFICE
-  COMMONS



# 04 / PLANS & SECTIONS

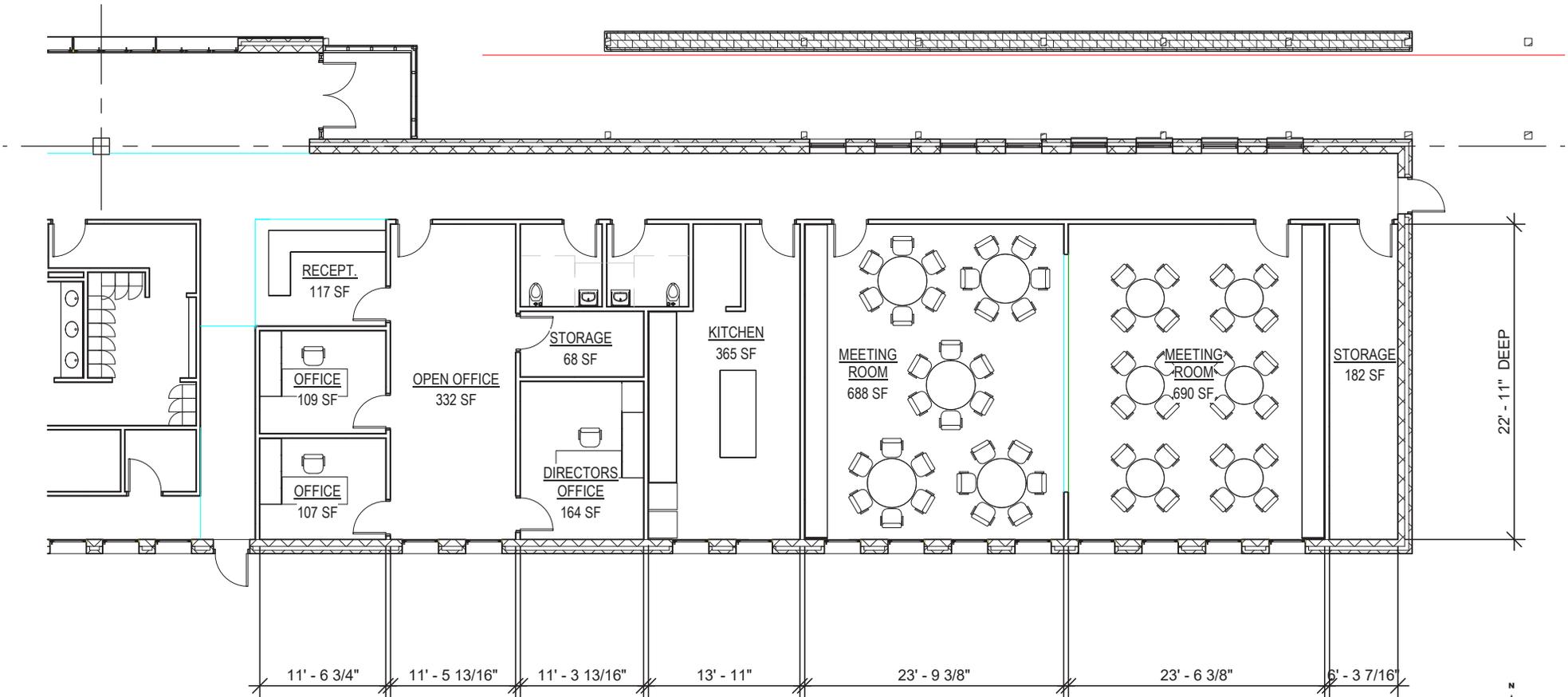
## OVERALL FLOOR PLAN

TOTAL GROSS SF: 14,120 sf



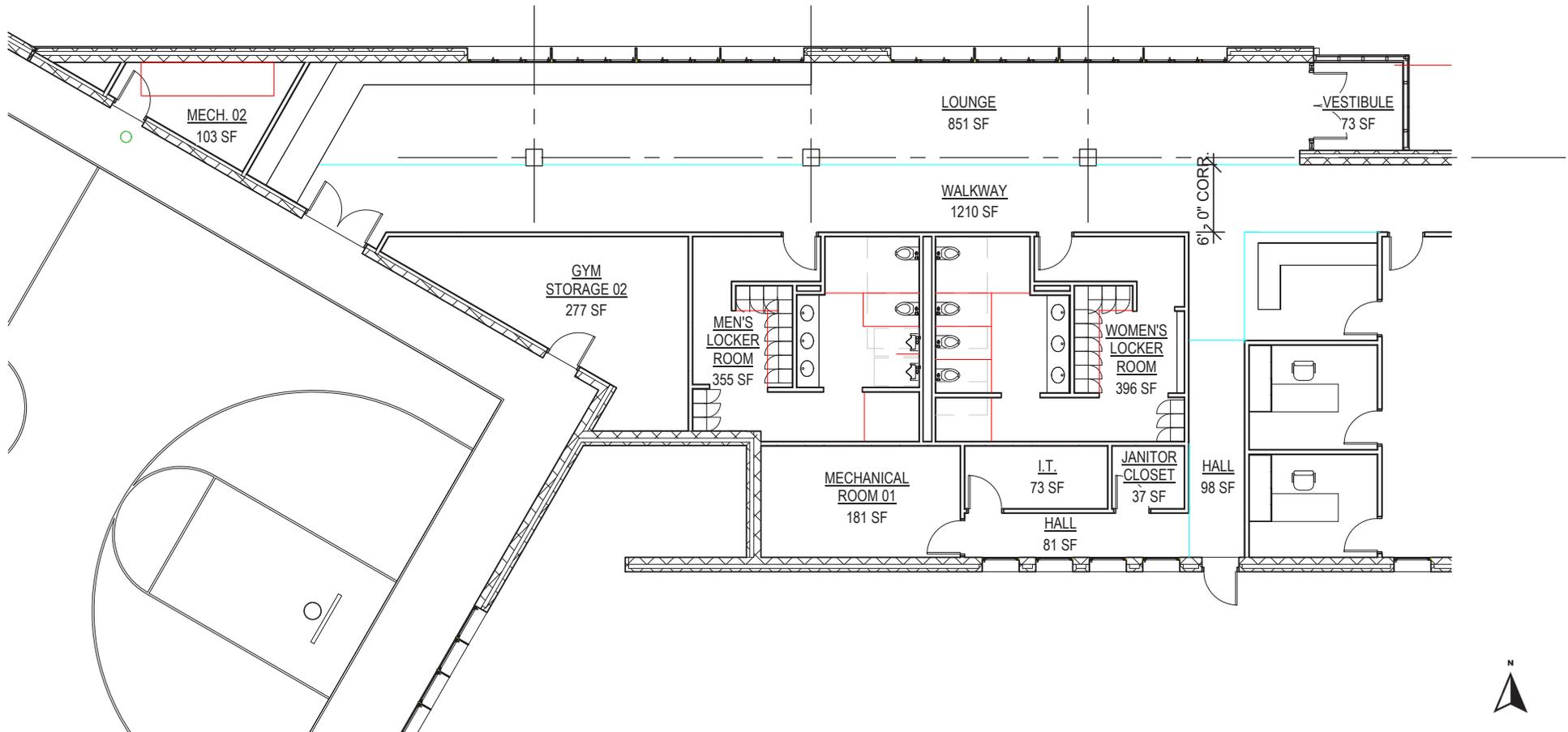
# 04 / PLANS & SECTIONS

## COMMUNITY AREA (ENLARGED PLAN)



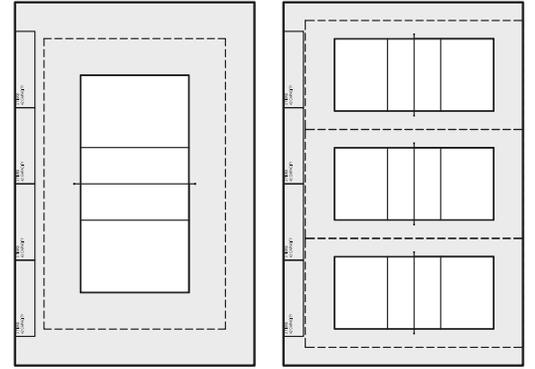
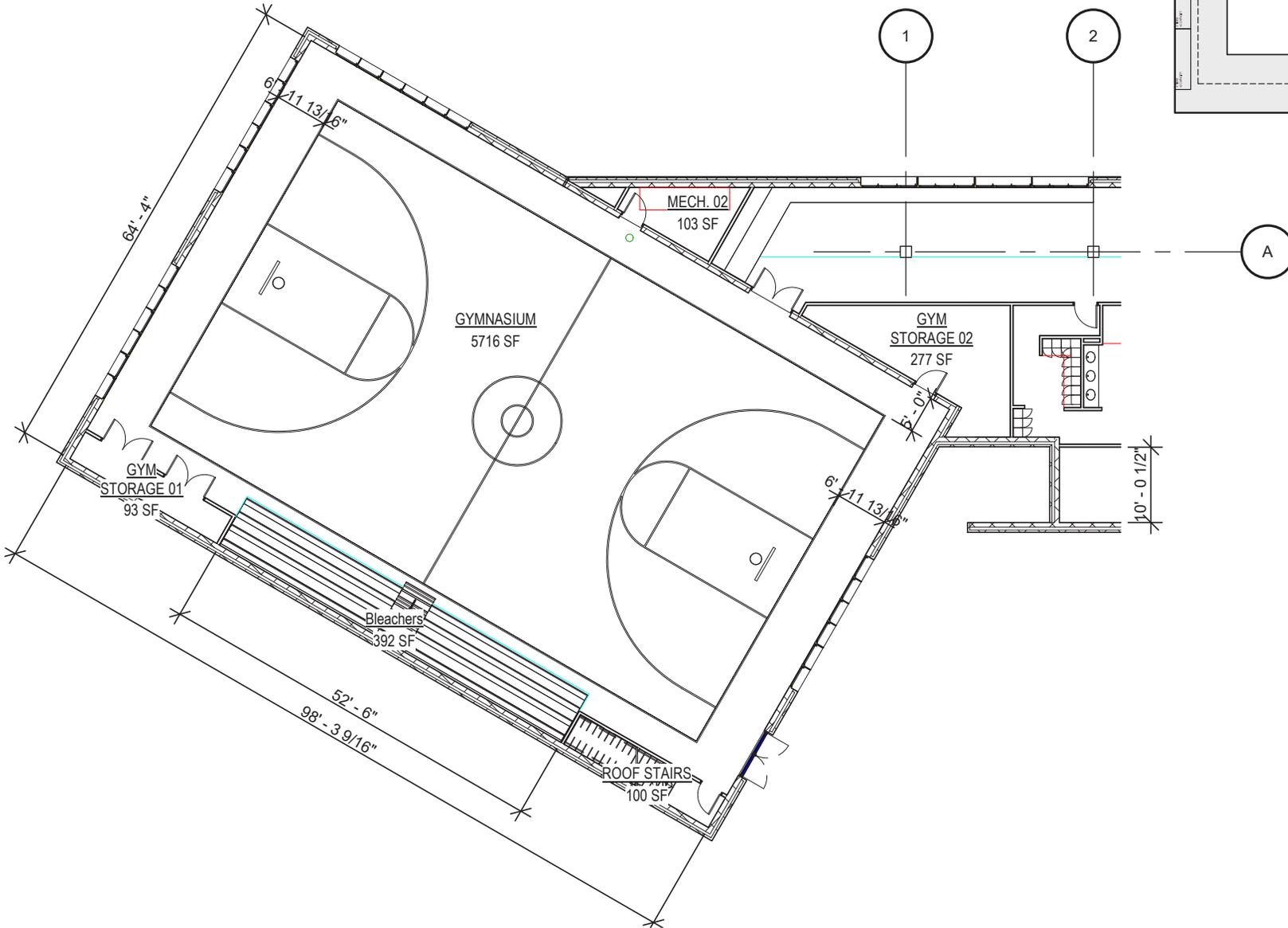
# 04 / PLANS & SECTIONS

## LOUNGE AREA (ENLARGED PLAN)



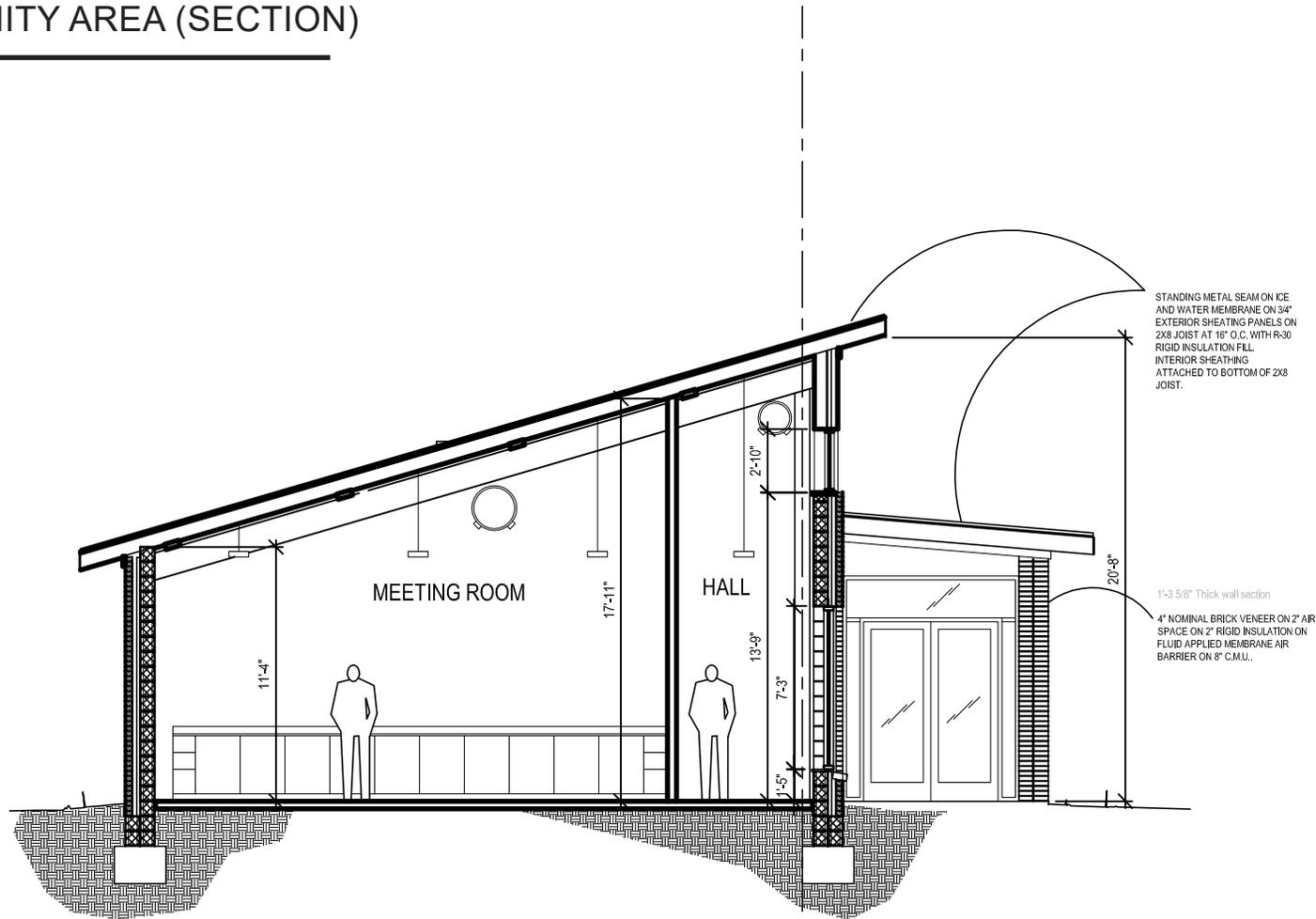
# 04 / PLANS & SECTIONS

## GYM (ENLARGED PLAN)

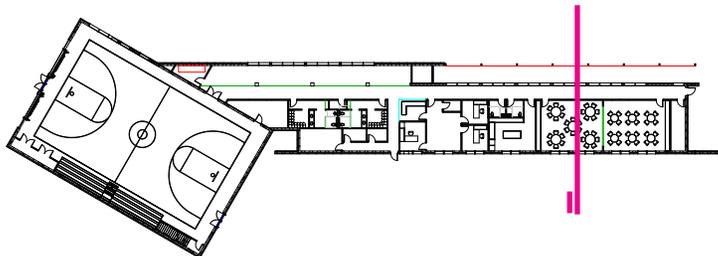


# 04 / PLANS & SECTIONS

## COMMUNITY AREA (SECTION)

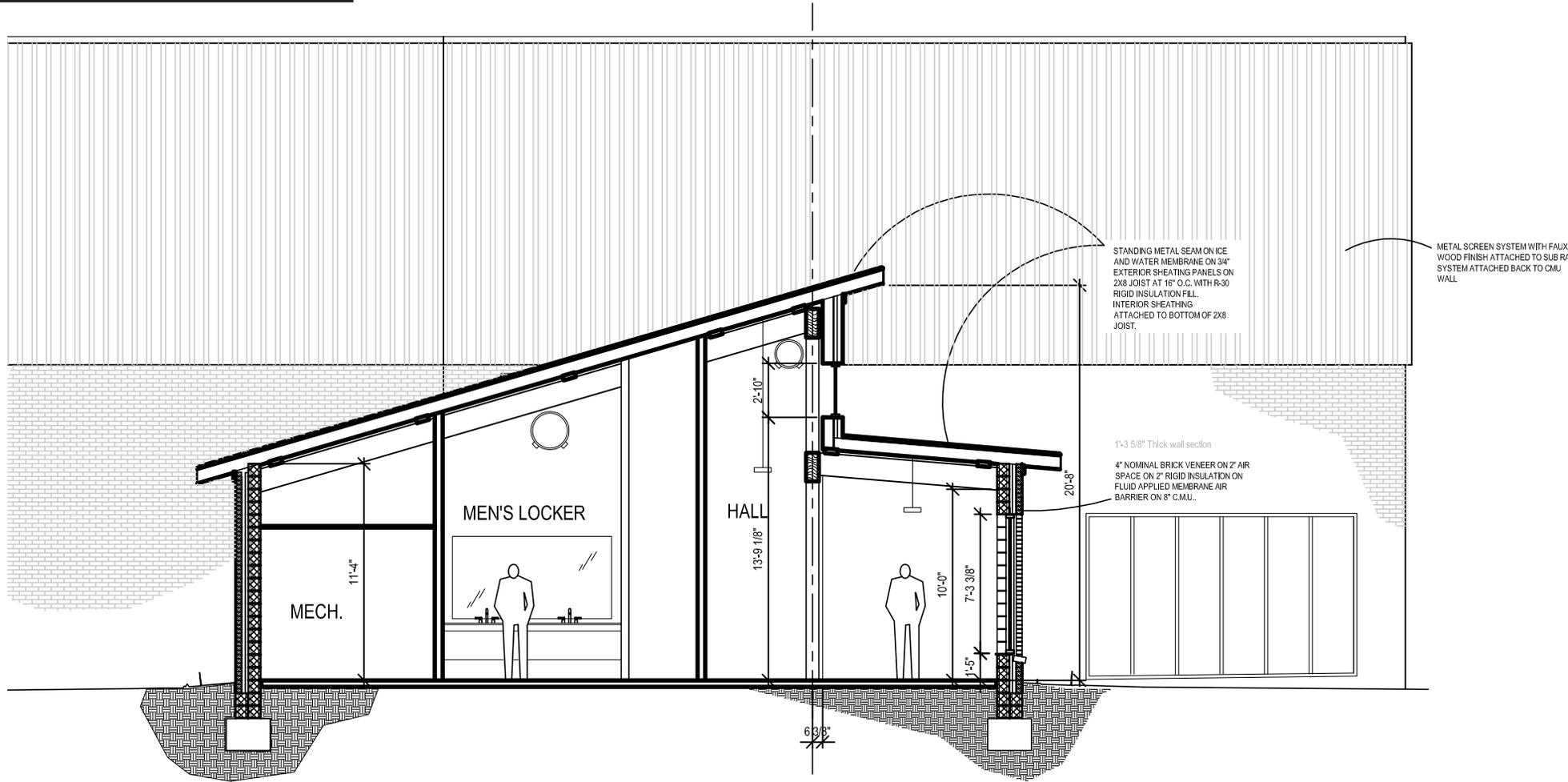


### BUILDING SECTION 1

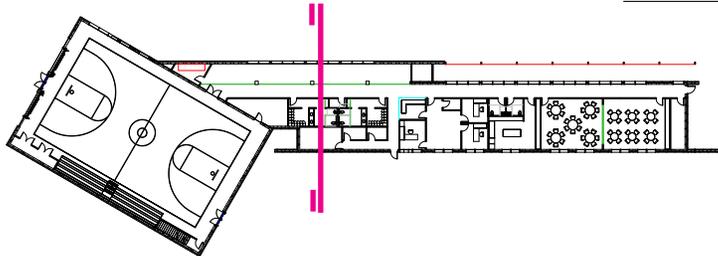


# 04 / PLANS & SECTIONS

## LOUNGE / LOCKERS (SECTION)

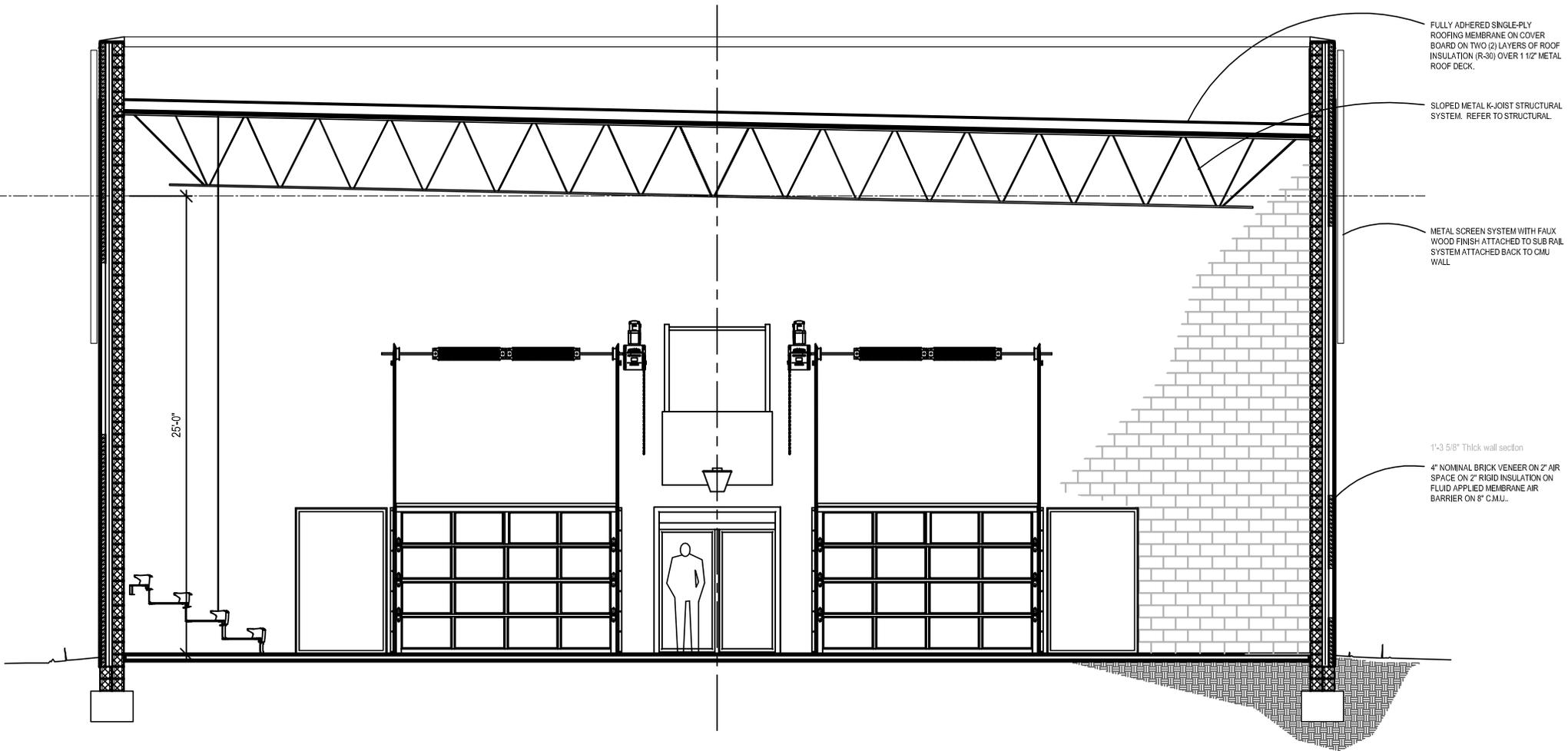


### BUILDING SECTION 2

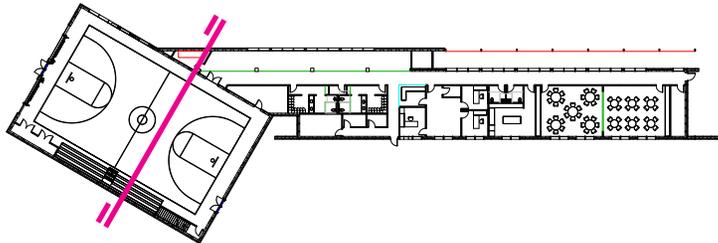


# 04 / PLANS & SECTIONS

## GYM (SECTION)



### BUILDING SECTION 3



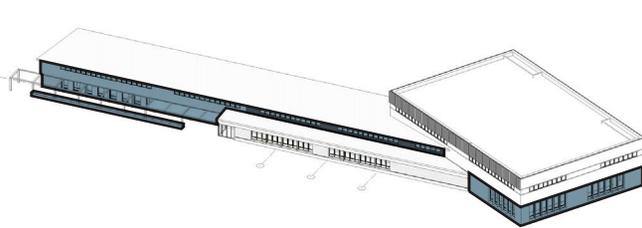
A large, stylized number '05' rendered in a thin black outline font. The '0' is a simple oval, and the '5' has a distinctive shape with a horizontal top bar and a curved bottom. The number is positioned on the left side of the page, partially enclosed by a large, light gray, abstract shape that resembles a stylized 'S' or a speech bubble tail.

**EXTERIOR  
DESIGN**

# 05 / EXTERIOR DESIGN

## MATERIALITY

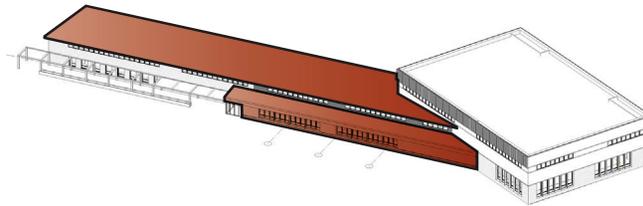
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### CONCRETE BLOCK

simple material with a level of texture and uniqueness

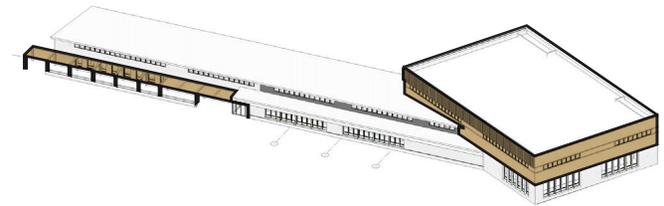
on base of community wing and gym



### METAL ROOF

metal facade at front/ lounge area

sloped roof at community wing to match



### WOOD SCREEN

bring in warmth and "woods"

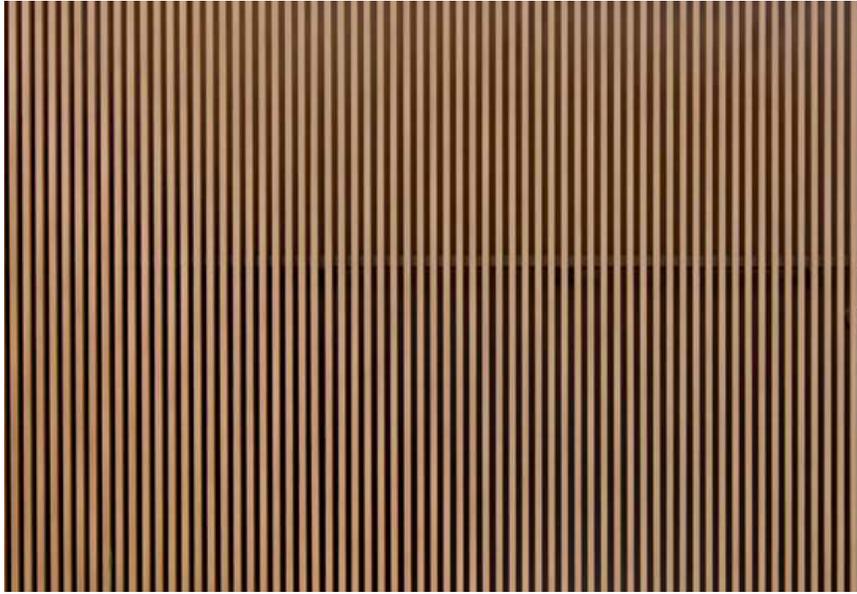
screen upper windows in the gym from glare

screen all rooftop equipment

# 05 / EXTERIOR DESIGN

## MATERIALITY

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06

**RENDERINGS**

# 06 / RENDERINGS

## EXTERIOR VIEW

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# 06 / RENDERINGS

## INTERIOR VIEW

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A large, stylized number '07' rendered in a white outline font. The '0' is a simple oval, and the '7' has a horizontal top bar and a vertical stem that tapers slightly at the bottom.

**ESTIMATE**

# 07 / ESTIMATE

DeMaria Building Co.

## Summary

Page 6

Harper Woods Community Ctr - SD Estimate

Location	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
<b>Building</b>				
	FOUNDATIONS	14,000.00 sf	19.46 /sf	272,500
	SLABS-ON-GRADE	14,000.00 sf	6.94 /sf	97,195
	SUPERSTRUCTURE	14,000.00 sf	44.68 /sf	625,568
	EXTERIOR VERTICAL ENCLOSURES	14,000.00 sf	111.57 /sf	1,562,025
	EXTERIOR HORIZONTAL ENCLOSURES	14,000.00 sf	21.48 /sf	300,750
	INTERIOR CONSTRUCTION	14,000.00 sf	15.46 /sf	216,450
	INTERIOR FINISHES	14,000.00 sf	28.87 /sf	404,226
	PLUMBING	14,000.00 sf	20.00 /sf	280,000
	HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)	14,000.00 sf	55.00 /sf	770,000
	FIRE PROTECTION	14,000.00 sf	5.00 /sf	70,000
	ELECTRICAL	14,000.00 sf	55.86 /sf	782,000
	EQUIPMENT	14,000.00 sf	0.71 /sf	10,000
	FURNISHINGS	14,000.00 sf	7.83 /sf	109,625
<b>Building</b>		<b>14,000.00 sf</b>	<b>392.88 /sf</b>	<b>5,500,339</b>
<b>Sitework</b>				
	SITE IMPROVEMENTS	2.00 acre	450,000.00 /acre	900,000
<b>Sitework</b>		<b>2.00 acre</b>	<b>450,000.00 /acre</b>	<b>900,000</b>

### Estimate Totals

Description	Rate	Amount	Totals	Cost per Unit
<b>Subtotal</b>		<b>6,400,338</b>		<b>457.17 /sf</b>
Estimate Contingency	10.00 %	868,806		62.06 /sf
Staffing	10.00 %	868,806		62.06 /sf
General Conditions, Insurance	2.50 %	203,449		14.53 /sf
Fee	3.00 %	260,642		18.62 /sf
Building Permit	1.00 %	86,020		6.14 /sf
<b>Total</b>		<b>8,688,061</b>		<b>620.58 /sf</b>

Location	U2	U3	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
<b>Building</b>								
	<b>A10</b>			<b>FOUNDATIONS</b>				
		<b>A1010</b>		<b>Standard Foundations</b>				
			03-0010.110	Shallow Wall Footing	225.00 cy	1,100.00 /cy	247,500	
			03-0010.130	Door Stoops	5.00 ea	5,000.00 /ea	25,000	
				<b>A1010 Standard Foundations</b>	<b>14,000.00 sf</b>	<b>19.46 /sf</b>	<b>272,500</b>	
				<b>A10 FOUNDATIONS</b>	<b>14,000.00 sf</b>	<b>19.46 /sf</b>	<b>272,500</b>	
	<b>A40</b>			<b>SLABS-ON-GRADE</b>				
		<b>A4010</b>		<b>Standard Slabs-on-Grade</b>				
			03-0010.130	Slab-on-Grade	13,885.00 sf	7.00 /sf	97,195	
				<b>A4010 Standard Slabs-on-Grade</b>	<b>14,000.00 sf</b>	<b>6.94 /sf</b>	<b>97,195</b>	
				<b>A40 SLABS-ON-GRADE</b>	<b>14,000.00 sf</b>	<b>6.94 /sf</b>	<b>97,195</b>	
	<b>B10</b>			<b>SUPERSTRUCTURE</b>				
		<b>B1020</b>		<b>Roof Construction</b>				
			05-1200.100	Gymnasium Framing	6,690.00 sf	31.25 /sf	209,063	
			05-1200.100	Community Framing	9,295.00 sf	38.00 /sf	353,210	
			05-3100.110	Metal Roof Deck	6,690.00 sf	5.50 /sf	36,795	Acoustical Deck.
			05-5113.100	Metal Stairs Grating Type	1.00 ls	25,000.00 /ls	25,000	
			07-7200.100	Roof Hatch	1.00 ea	1,500.00 /ea	1,500	
				<b>B1020 Roof Construction</b>	<b>14,000.00 sf</b>	<b>44.68 /sf</b>	<b>625,568</b>	
				<b>B10 SUPERSTRUCTURE</b>	<b>14,000.00 sf</b>	<b>44.68 /sf</b>	<b>625,568</b>	
	<b>B20</b>			<b>EXTERIOR VERTICAL ENCLOSURES</b>				
		<b>B2010</b>		<b>Exterior Walls</b>				
			04-0000.120	8" CMU Bearing Walls	16,505.00 sf	25.00 /sf	412,625	
			04-2110.110	Brick Veneer	13,570.00 sf	35.00 /sf	474,950	
			05-5820.120	Miscellaneous Fabrications	50,000.00 lbs	3.00 /lbs	150,000	
			06-0000.100	Exterior Wall Blocking	1.00 ls	25,000.00 /ls	25,000	
			06-2000.110	Install Doors, Frames and Hdwe	6.00 ea	550.00 /ea	3,300	
			07-2700.100	Air/Vapor Barrier	13,570.00 sf	5.00 /sf	67,850	
			09-2000.040	Metal Screen System	4,330.00 sf	20.00 /sf	86,600	
			09-2000.040	Mtl Stud, Exterior Sheathing	1,700.00 sf	25.00 /sf	42,500	Clerestory
				<b>B2010 Exterior Walls</b>	<b>14,000.00 sf</b>	<b>90.20 /sf</b>	<b>1,262,825</b>	
		<b>B2020</b>		<b>Exterior Windows</b>				
			08-5113.100	Aluminum Windows Fixed	2,540.00 sf	75.00 /sf	190,500	
			08-5113.100	Security Screens	0.00 sf	0.00 /sf	0	None Included.
				<b>B2020 Exterior Windows</b>	<b>14,000.00 sf</b>	<b>13.61 /sf</b>	<b>190,500</b>	
		<b>B2050</b>		<b>Exterior Doors and Grilles</b>				
			08-1100.300	HM Door/ HM Frame	6.00 leaf	2,800.00 /leaf	16,800	
			08-1100.300	Alum/Glass Doors	4.00 leaf	4,000.00 /leaf	16,000	
			08-3300.100	Overhead Doors	2.00 ea	15,000.00 /ea	30,000	
			09-9113.100	Paint Exterior Doors & Frames	6.00 ea	150.00 /ea	900	
				<b>B2050 Exterior Doors and Grilles</b>	<b>14,000.00 sf</b>	<b>4.55 /sf</b>	<b>63,700</b>	
		<b>B2090</b>		<b>Exterior Wall Specialties</b>				
			10-1400.110	Exterior Trellis	1.00 ls	35,000.00 /ls	35,000	Allowance
			10-1400.110	Exterior Building Signage	1.00 ls	10,000.00 /ls	10,000	Allowance
				<b>B2090 Exterior Wall Specialties</b>	<b>14,000.00 sf</b>	<b>3.21 /sf</b>	<b>45,000</b>	
				<b>B20 EXTERIOR VERTICAL ENCLOSURES</b>	<b>14,000.00 sf</b>	<b>111.57 /sf</b>	<b>1,562,025</b>	
	<b>B30</b>			<b>EXTERIOR HORIZONTAL ENCLOSURES</b>				
		<b>B3010</b>		<b>Roofing</b>				
			07-4113.100	Metal Roofing	9,295.00 sf	15.00 /sf	139,425	
			07-4113.150	Metal Copings	335.00 lf	75.00 /lf	25,125	
			07-5300.100	Single-Ply Membrane Roofing	6,660.00 sf	20.00 /sf	133,200	
			07-9513.100	Roof Expansion Assemblies	60.00 lf	50.00 /lf	3,000	
				<b>B3010 Roofing</b>	<b>14,000.00 sf</b>	<b>21.48 /sf</b>	<b>300,750</b>	
				<b>B30 EXTERIOR HORIZONTAL ENCLOSURES</b>	<b>14,000.00 sf</b>	<b>21.48 /sf</b>	<b>300,750</b>	

<b>B20</b>		<b>EXTERIOR VERTICAL ENCLOSURES</b>				
<b>B2010</b>		<b>Exterior Walls</b>				
	04-0000.120	8" CMU Bearing Walls	16,505.00 sf	25.00 /sf	412,625	
	04-2110.110	Brick Veneer	13,570.00 sf	35.00 /sf	474,950	
	05-5820.120	Miscellaneous Fabrications	50,000.00 lbs	3.00 /lbs	150,000	
	06-0000.100	Exterior Wall Blocking	1.00 ls	25,000.00 /ls	25,000	
	06-2000.110	Install Doors, Frames and Hdwe	6.00 ea	550.00 /ea	3,300	
	07-2700.100	Air/Vapor Barrier	13,570.00 sf	5.00 /sf	67,850	
	09-2000.040	Metal Screen System	4,330.00 sf	20.00 /sf	86,600	
	09-2000.040	Mtl Stud, Exterior Sheathing	1,700.00 sf	25.00 /sf	42,500	Clerestory
		<b>B2010 Exterior Walls</b>	<b>14,000.00 sf</b>	<b>90.20 /sf</b>	<b>1,262,825</b>	
<b>B2020</b>		<b>Exterior Windows</b>				
	08-5113.100	Aluminum Windows Fixed	2,540.00 sf	75.00 /sf	190,500	
	08-5113.100	Security Screens	0.00 sf	0.00 /sf	0	None Included.
		<b>B2020 Exterior Windows</b>	<b>14,000.00 sf</b>	<b>13.61 /sf</b>	<b>190,500</b>	
<b>B2050</b>		<b>Exterior Doors and Grilles</b>				
	08-1100.300	HM Door/ HM Frame	6.00 leaf	2,800.00 /leaf	16,800	
	08-1100.300	Alum/Glass Doors	4.00 leaf	4,000.00 /leaf	16,000	
	08-3300.100	Overhead Doors	2.00 ea	15,000.00 /ea	30,000	
	09-9113.100	Paint Exterior Doors & Frames	6.00 ea	150.00 /ea	900	
		<b>B2050 Exterior Doors and Grilles</b>	<b>14,000.00 sf</b>	<b>4.55 /sf</b>	<b>63,700</b>	
<b>B2090</b>		<b>Exterior Wall Specialties</b>				
	10-1400.110	Exterior Trellis	1.00 ls	35,000.00 /ls	35,000	Allowance
	10-1400.110	Exterior Building Signage	1.00 ls	10,000.00 /ls	10,000	Allowance
		<b>B2090 Exterior Wall Specialties</b>	<b>14,000.00 sf</b>	<b>3.21 /sf</b>	<b>45,000</b>	
		<b>B20 EXTERIOR VERTICAL ENCLOSURES</b>	<b>14,000.00 sf</b>	<b>111.57 /sf</b>	<b>1,562,025</b>	
<b>B30</b>		<b>EXTERIOR HORIZONTAL ENCLOSURES</b>				
<b>B3010</b>		<b>Roofing</b>				
	07-4113.100	Metal Roofing	9,295.00 sf	15.00 /sf	139,425	
	07-4113.150	Metal Copings	335.00 lf	75.00 /lf	25,125	
	07-5300.100	Single-Ply Membrane Roofing	6,660.00 sf	20.00 /sf	133,200	
	07-9513.100	Roof Expansion Assemblies	60.00 lf	50.00 /lf	3,000	
		<b>B3010 Roofing</b>	<b>14,000.00 sf</b>	<b>21.48 /sf</b>	<b>300,750</b>	
		<b>B30 EXTERIOR HORIZONTAL ENCLOSURES</b>	<b>14,000.00 sf</b>	<b>21.48 /sf</b>	<b>300,750</b>	
<b>C10</b>		<b>INTERIOR CONSTRUCTION</b>				
<b>C1010</b>		<b>Interior Partitions</b>				
	04-0000.120	CMU Partitions	1,215.00 sf	20.00 /sf	24,300	
	08-4100.100	Interior Glazing	1.00 ls	10,000.00 /ls	10,000	
	09-2000.020	Gyp Board Partitions	640.00 lf	135.00 /lf	86,400	
		<b>C1010 Interior Partitions</b>	<b>14,000.00 sf</b>	<b>8.62 /sf</b>	<b>120,700</b>	
<b>C1030</b>		<b>Interior Doors</b>				
	08-1100.300	Wood Door/ HM Frame	29.00 leaf	2,600.00 /leaf	75,400	
	09-9113.100	Paint Interior Doors & Frames	29.00 ea	150.00 /ea	4,350	
		<b>C1030 Interior Doors</b>	<b>14,000.00 sf</b>	<b>5.70 /sf</b>	<b>79,750</b>	
<b>C1090</b>		<b>Interior Specialties</b>				
	09-5113.600	Sound Panels	1.00 ls	/ls		None Included
	10-1000.100	Misc. Specialties	1.00 ls	5,000.00 /ls	5,000	
	10-2813.100	Toilet Partitions	2.00 ea	1,500.00 /ea	3,000	
	10-2813.100	Toilet Accessories	1.00 ls	8,000.00 /ls	8,000	
		<b>C1090 Interior Specialties</b>	<b>14,000.00 sf</b>	<b>1.14 /sf</b>	<b>16,000</b>	
		<b>C10 INTERIOR CONSTRUCTION</b>	<b>14,000.00 sf</b>	<b>15.46 /sf</b>	<b>216,450</b>	
<b>C20</b>		<b>INTERIOR FINISHES</b>				
<b>C2010</b>		<b>Wall Finishes</b>				
	09-3100.200	Ceramic Wall Tile	1,045.00 sf	20.00 /sf	20,900	

Location	U2	U3	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		<b>C2010</b>		<b>Wall Finishes</b>				
		09-9123.200		Paint Walls	20,440.00 sf	1.25 /sf	25,550	
				<b>C2010 Wall Finishes</b>	<b>14,000.00 sf</b>	<b>3.32 /sf</b>	<b>46,450</b>	
		<b>C2030</b>		<b>Flooring</b>				
		09-3100.200		Ceramic Floor Tile - Thin Set	580.00 sf	22.00 /sf	12,760	
		09-3100.200		Ceramic Tile Base	260.00 lf	20.00 /lf	5,200	
		09-6400.100		Hardwood Flooring	6,300.00 sf	30.00 /sf	189,000	
		09-9000.010		LVT/Carpet	5,440.00 sf	7.00 /sf	38,080	
		09-9000.010		Resilient Base	1,660.00 lf	3.00 /lf	4,980	
		09-9123.200		Concrete Sealer	330.00 sf	1.00 /sf	330	
				<b>C2030 Flooring</b>	<b>14,000.00 sf</b>	<b>17.88 /sf</b>	<b>250,350</b>	
		<b>C2050</b>		<b>Ceiling Finishes</b>				
		09-2900.250		Gyp. Board Ceilings	580.00 sf	35.00 /sf	20,300	
		09-5000.980		2'x2' ACT	6,645.00 sf	10.00 /sf	66,450	
		09-9123.200		Paint Gyp. Board Ceilings	580.00 sf	1.20 /sf	696	
		09-9123.200		Paint Exposed Ceilings	6,660.00 sf	3.00 /sf	19,980	
				<b>C2050 Ceiling Finishes</b>	<b>14,000.00 sf</b>	<b>7.67 /sf</b>	<b>107,426</b>	
				<b>C20 INTERIOR FINISHES</b>	<b>14,000.00 sf</b>	<b>28.87 /sf</b>	<b>404,226</b>	
		<b>D20</b>		<b>PLUMBING</b>				
		<b>D2030</b>		<b>Building Support Plumbing Systems</b>				
		22-1000.000		Plumbing	14,000.00 sf	20.00 /sf	280,000	
				<b>D2030 Building Support Plumbing Systems</b>	<b>14,000.00 sf</b>	<b>20.00 /sf</b>	<b>280,000</b>	
				<b>D20 PLUMBING</b>	<b>14,000.00 sf</b>	<b>20.00 /sf</b>	<b>280,000</b>	
		<b>D30</b>		<b>HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)</b>				
		<b>D3050</b>		<b>Facility HVAC Distribution Systems</b>				
		23-0100.110		HVAC	14,000.00 sf	55.00 /sf	770,000	
				<b>D3050 Facility HVAC Distribution Systems</b>	<b>14,000.00 sf</b>	<b>55.00 /sf</b>	<b>770,000</b>	
				<b>D30 HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)</b>	<b>14,000.00 sf</b>	<b>55.00 /sf</b>	<b>770,000</b>	
		<b>D40</b>		<b>FIRE PROTECTION</b>				
		<b>D4010</b>		<b>Fire Suppression</b>				
		21-1300.120		Fire Protection	14,000.00 sf	5.00 /sf	70,000	
				<b>D4010 Fire Suppression</b>	<b>14,000.00 sf</b>	<b>5.00 /sf</b>	<b>70,000</b>	
				<b>D40 FIRE PROTECTION</b>	<b>14,000.00 sf</b>	<b>5.00 /sf</b>	<b>70,000</b>	
		<b>D50</b>		<b>ELECTRICAL</b>				
		<b>D5090</b>		<b>Other Electrical Systems</b>				
		26-0000.110		Electrical	14,000.00 sf	35.00 /sf	490,000	
		26-0000.110		Fire Alarm	14,000.00 sf	3.00 /sf	42,000	
		26-0000.110		Data/Communications/Security	14,000.00 sf	/sf	Included, Rough-In Only.	
		26-0000.110		200kW Emergency Generator, Nat. Gas	1.00 ls	250,000.00 /ls	250,000	
				<b>D5090 Other Electrical Systems</b>	<b>14,000.00 sf</b>	<b>55.86 /sf</b>	<b>782,000</b>	
				<b>D50 ELECTRICAL</b>	<b>14,000.00 sf</b>	<b>55.86 /sf</b>	<b>782,000</b>	
		<b>E10</b>		<b>EQUIPMENT</b>				
		<b>E1060</b>		<b>Residential Equipment</b>				
		11-3000.110		Residential Appliances	1.00 ls	7,500.00 /ls	7,500	
				<b>E1060 Residential Equipment</b>	<b>14,000.00 sf</b>	<b>0.54 /sf</b>	<b>7,500</b>	
		<b>E1070</b>		<b>Entertainment and Recreational Equipment</b>				
		11-6833.110		Wall Pads	1.00 ls	2,500.00 /ls	2,500	
				<b>E1070 Entertainment and Recreational Equipment</b>	<b>14,000.00 sf</b>	<b>0.18 /sf</b>	<b>2,500</b>	
				<b>E10 EQUIPMENT</b>	<b>14,000.00 sf</b>	<b>0.71 /sf</b>	<b>10,000</b>	

E20

E2010

FURNISHINGS

Fixed Furnishings

06-2000.110	Solid Surface Vanities	70.00	If	150.00	/lf	10,500	
06-2000.110	Solid Surface Window Sills	475.00	If	35.00	/lf	16,625	
06-2000.110	Millwork Allowance	1.00	ls	25,000.00	/ls	25,000	Allowance
11-6843.110	Basketball Backstop Ceil. Set	2.00	ea	7,500.00	/ea	15,000	
11-6843.110	Scoreboards Basketball		ea		/ea		None Included.
12-2113.100	Window Treatments	1.00	ls	7,500.00	/ls	7,500	
12-6600.100	Bleachers Telescoping	1.00	ea	35,000.00	/ea	35,000	
	<b>E2010 Fixed Furnishings</b>	<b>14,000.00</b>	<b>sf</b>	<b>7.83</b>	<b>/sf</b>	<b>109,625</b>	

E20 FURNISHINGS

14,000.00 sf      7.83 /sf      109,625

Building

14,000.00 sf      392.88 /sf      5,500,339

Sitework

G20

G2060

SITE IMPROVEMENTS

Site Development

31-1000.010	Sitework	2.00	acr	450,000.00	/acre	900,000	
	<b>G2060 Site Development</b>	<b>2.00</b>	<b>acr</b>	<b>450,000.00</b>	<b>/acres</b>	<b>900,000</b>	

DeMaria Building Co.

**Breakdown**  
Harper Woods Community Ctr - SD Estimate

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Location	U2	U3	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
				<b>G20 SITE IMPROVEMENTS</b>	<b>2.00 ac</b>	<b>450,000.00 /acres</b>	<b>900,000</b>	
				<b>Sitework</b>	<b>2.00 ac</b>	<b>450,000.00 /acre</b>	<b>900,000</b>	



**THANK YOU**

**HANNAH**  
ARCHITECTS