



# HOUSE of REPRESENTATIVES

## STATE OF MICHIGAN

### Appropriations Requests for Legislatively Directed Spending Items

---

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 a modern community center. The building features a long, low profile with a facade of vertical wooden slats and large windows. In the foreground, there is a landscaped area with tall grass, purple flowers, and a paved walkway. Several people are shown: a woman standing near a planter box, a child sitting on a wooden bench, and a person pushing a stroller. A large tree is on the left, and a parking lot with cars is visible in the background.

# **CITY OF HARPER WOODS**

## **COMMUNITY CENTER DESIGN PACKAGE**

March 07, 2025

**HANNAH**  
ARCHITECTS



TABLE OF

# CONTENTS

**01**

SITE  
ANALYSIS

---

**02**

PROGRAM

---

**03**

STORYTELLING +  
NARRATIVE

---

**04**

FLOOR PLANS +  
SECTIONS

---

**05**

EXTERIOR  
DESIGN

---

**06**

RENDERINGS

---

**07**

ESTIMATE

---



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. 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 overlapping a large, light gray, abstract curved shape that resembles a stylized 'S' or a large bracket.

01

# **SITE ANALYSIS**

# 01 / SITE ANALYSIS

## LOCATION MAP



# 01 / SITE ANALYSIS

## AERIAL



# 01 / SITE ANALYSIS

## HARPER WOODS DEMOGRAPHICS

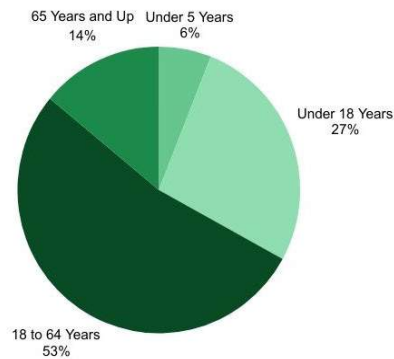
According to the U.S. Census Bureau's 2023 estimates, Harper Woods, Michigan, has a population of approximately 14,895 residents. The city is predominantly African American, accounting for 64.7% of the population, while White residents make up 29.9%. Age distribution indicates that 26.6% of residents 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>

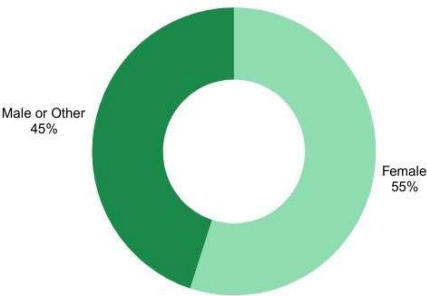
### TOTAL POPULATION



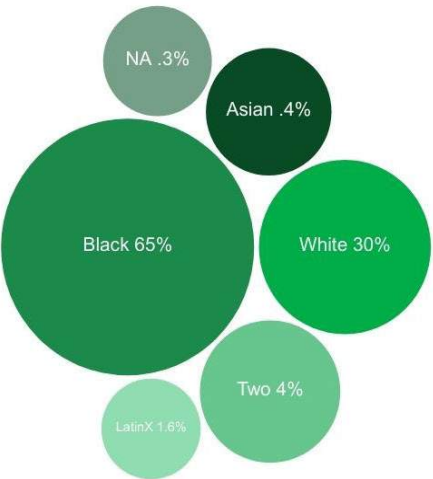
### AGE



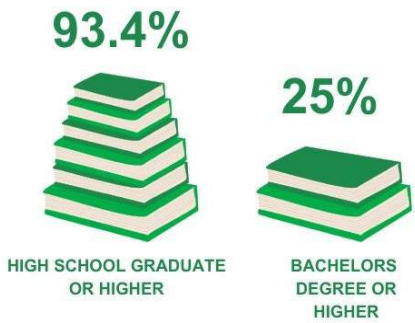
### SEX



### RACE



### EDUCATION LEVEL



### MEDIAN HOUSEHOLD INCOME

\$61,446

# 01 / SITE ANALYSIS

## SITE CONTEXT

---



19500 Harper & Pointe Fitness & Training Center/  
JC Miller Real Estate



Discovery Creative Pathways: Harper Woods



Park Place of Harper Woods



Salter Memorial Park



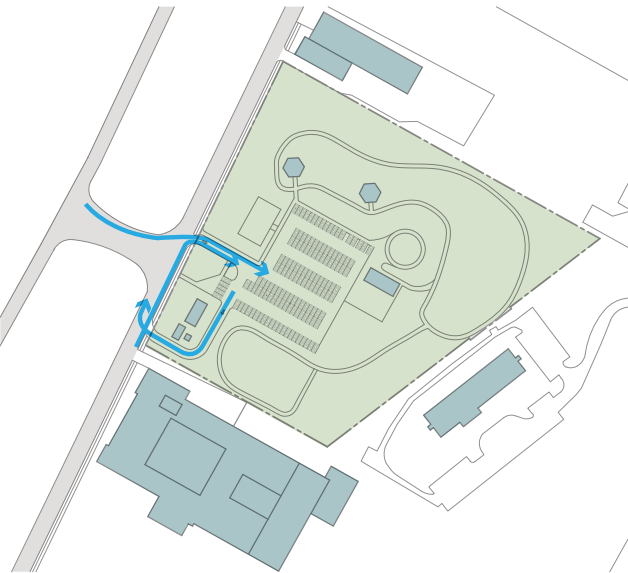
Tyrone Elementary School



Harper Woods Residential Community

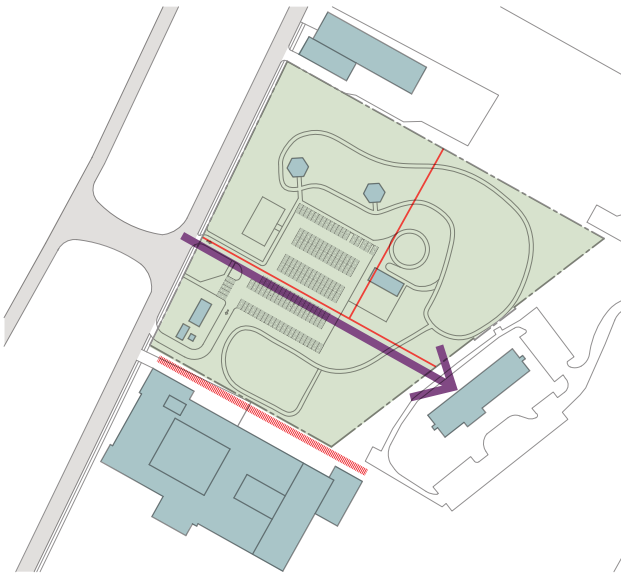
**01 / SITE ANALYSIS**  
EXISTING SITE CONDITIONS

---



EXISTING SURROUNDING  
BUILDINGS

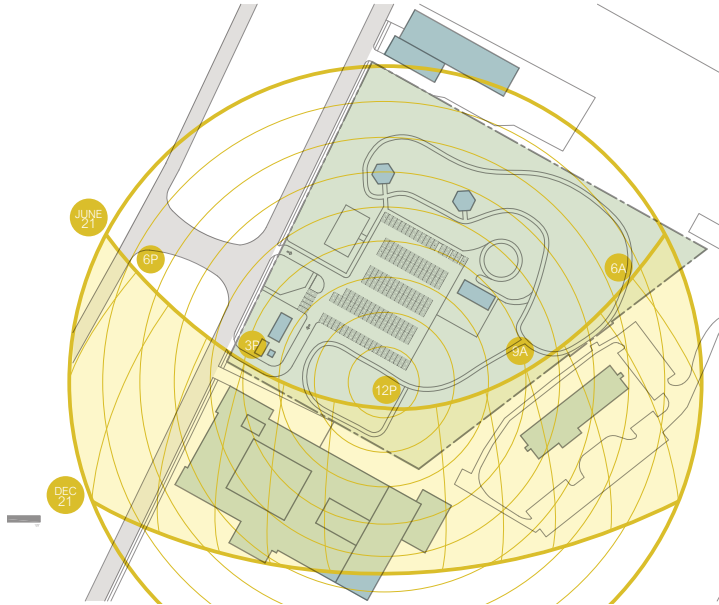
EXISTING PUBLIC TOILET  
ROOMS / CELL PHONE



DESIRABLE VIEWS ON DRIVE AXIS  
THAT LEADS TO SENIOR APARTMENT  
BUILDINGS

UNDESIRABLE VIEWS ON SOUTH  
SIDE OF SITE

EXISTING WATERMAIN LINE DIVIDES  
PROPERTY

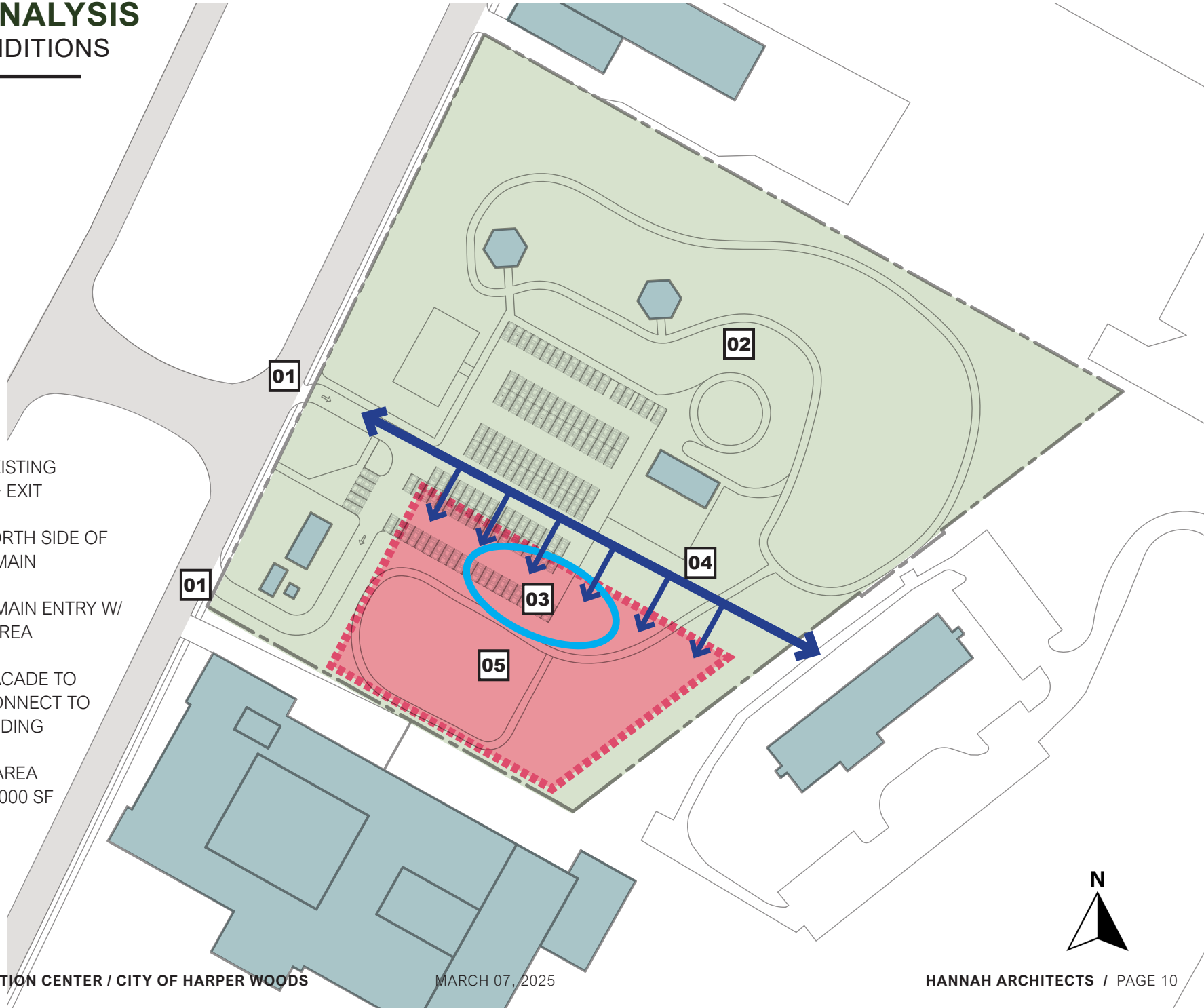



EAST-TO-WEST SUN PATH  
ALONG SITE

# 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





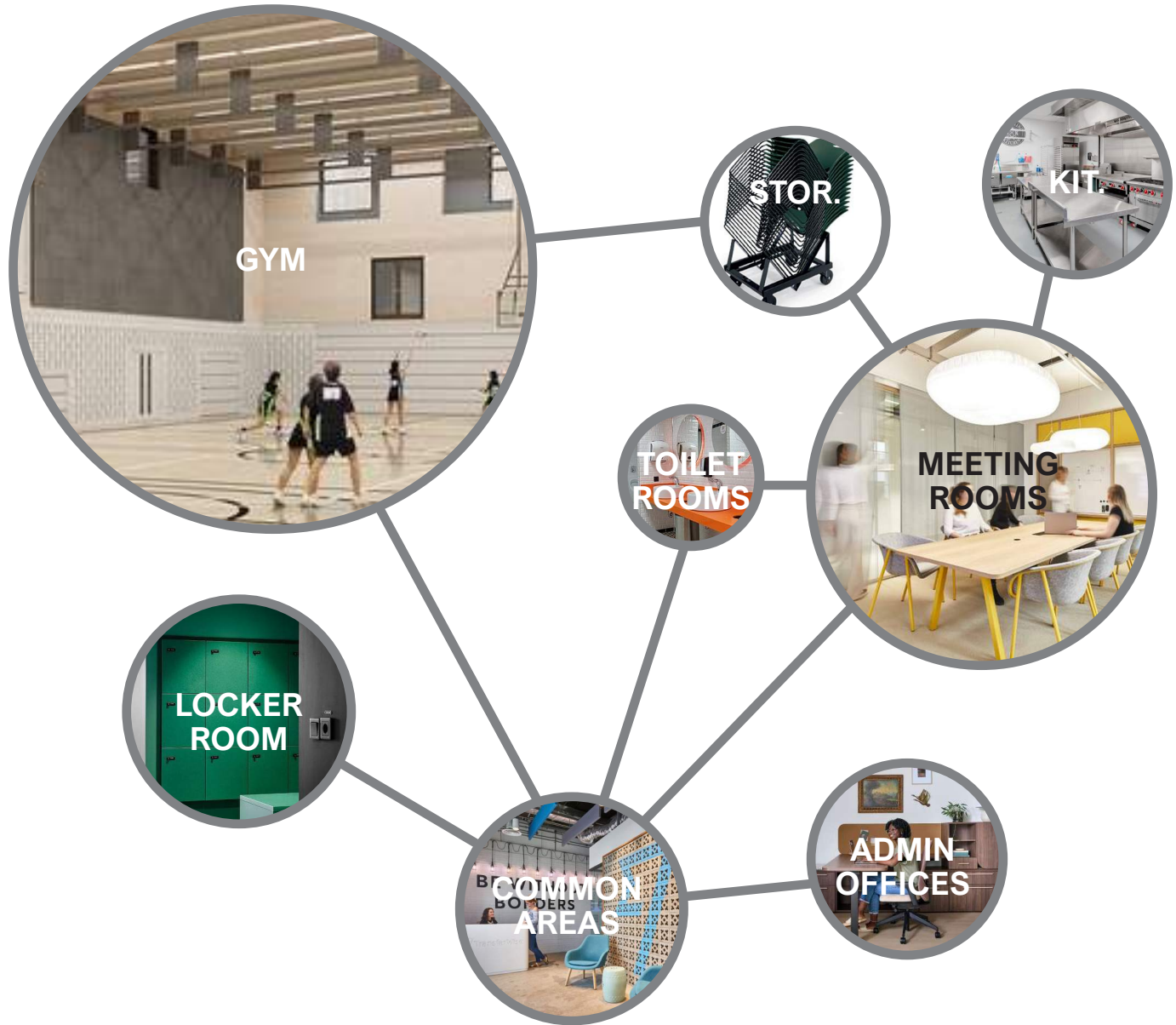
02

**PROGRAM**

## 02 / PROGRAM REQUIREMENTS

---

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

# 02 / PROGRAM

## REQUIREMENTS

COMMONS/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
ENTRY							
		Vestibule		120	1	120	
RECEPTION AREA							
		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
LOUNGE AREA							
		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
							WARMING FACILITY
TOILET ROOMS							
		Mens		250	0	0	see Community
		Womens		250	0	0	see Community
		Unisex		80	0	0	see Community
TOTAL NET SF						805 SF	
NET-TO- GROSS MULTIPLIER (+20%)						161	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
ESTIMATED GROSS SQUARE FOOTAGE						966 SF	

# 02 / PROGRAM

## REQUIREMENTS

FITNESS + HEALTH/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
GYM							
		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	
TRACK							
		Track		800	1	800	add to gym
						0	
LOCKER ROOMS							
		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	
TOTAL NET SF						8770 SF	
NET-TO-GROSS MULTIPLIER (+20%)						1754	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
ESTIMATED GROSS SQUARE FOOTAGE						10524 SF	

COMMUNITY/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
MULTI-PURPOSE							
		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	
MISC. SUPPORT ROOMS							
		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	
COMMERCIAL KITCHEN							
		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	
TOTAL NET SF						2300 SF	
NET-TO-GROSS MULTIPLIER (+20%)						460	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
ESTIMATED GROSS SQUARE FOOTAGE						2760 SF	


# 02 / PROGRAM

## REQUIREMENTS

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

OUTDOOR/	SPACE TYPE	ROOM DESCRIPTION	LEVEL	PROPOSED SF	UNITS	SF	COMMENTS
	PUBLIC AREAS						
		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
	PARKING						
		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					
	TOTAL NET SF					0 SF	
	NET-TO-GROSS MULTIPLIER (+20%)					0	FOR INTERSTITIAL SPACES, CHASES, WALL THICKNESSES
	ESTIMATED GROSS SQUARE FOOTAGE					0 SF	

TOTAL GROSS SQUARE FOOTAGE						15502.25 SF	TOTAL
----------------------------	--	--	--	--	--	-------------	-------



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

---

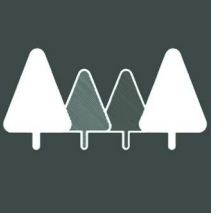
- **Modern & Inviting Design** – Blends clean-lined materials with warmth and flexibility to accommodate diverse activities.
- **Light-Filled & Vibrant Interiors** – Features generous glazing, playful color accents, and adaptable seating for comfort and engagement.
- **Seamless Indoor-Outdoor Connection** – 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

---



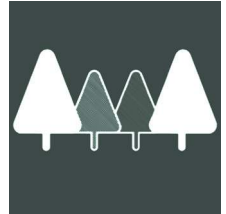
- **Rooted in Heritage** – Reflects the city’s origins, honoring its wooded landscapes and historical ties to Detroit.
- **Seamless Indoor-Outdoor Integration** – Leverages the park setting to create a fluid connection between built and natural environments.
- **Sustainable + Educational Design** – Features 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.



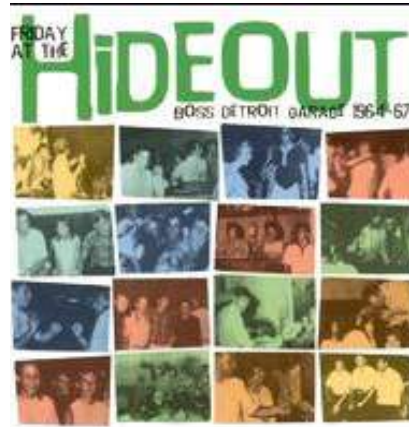
### 03 / STORYTELLING + NARRATIVE

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

---



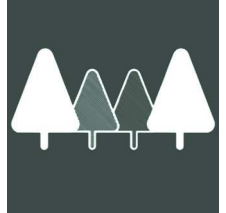
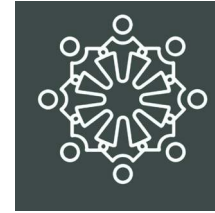
- **Celebrating Local Legacy** – Honors Harper Woods' music and arts history, including The Hideout and the East Side Drive-In.
- **Multi-Functional Arts Spaces** – Provides venues for performance, self-expression, and creative community programming.
- **Public Art & Murals** – Showcases local artists 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

---



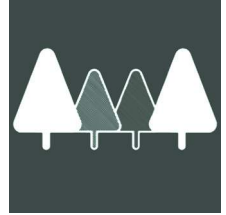
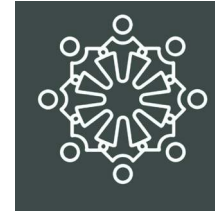
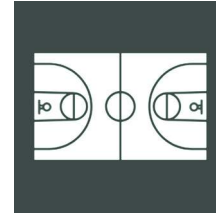
- **Architectural Identity** – Incorporates elements from Harper Woods’ diverse residential styles to create a familiar, inviting atmosphere.
- **Flexible & Adaptive Spaces** – Supports a variety of uses, from educational workshops to large community events.
- **Civic Engagement Hub** – Provides dedicated 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

---



- **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.



A large, stylized number '04' rendered in a thin black outline. The '0' is a simple circle, and the '4' has a distinctive shape with a horizontal bar and a vertical stem. The number is positioned on the left side of the page, partially overlapping a large, light gray, abstract curved shape that sweeps across the background.

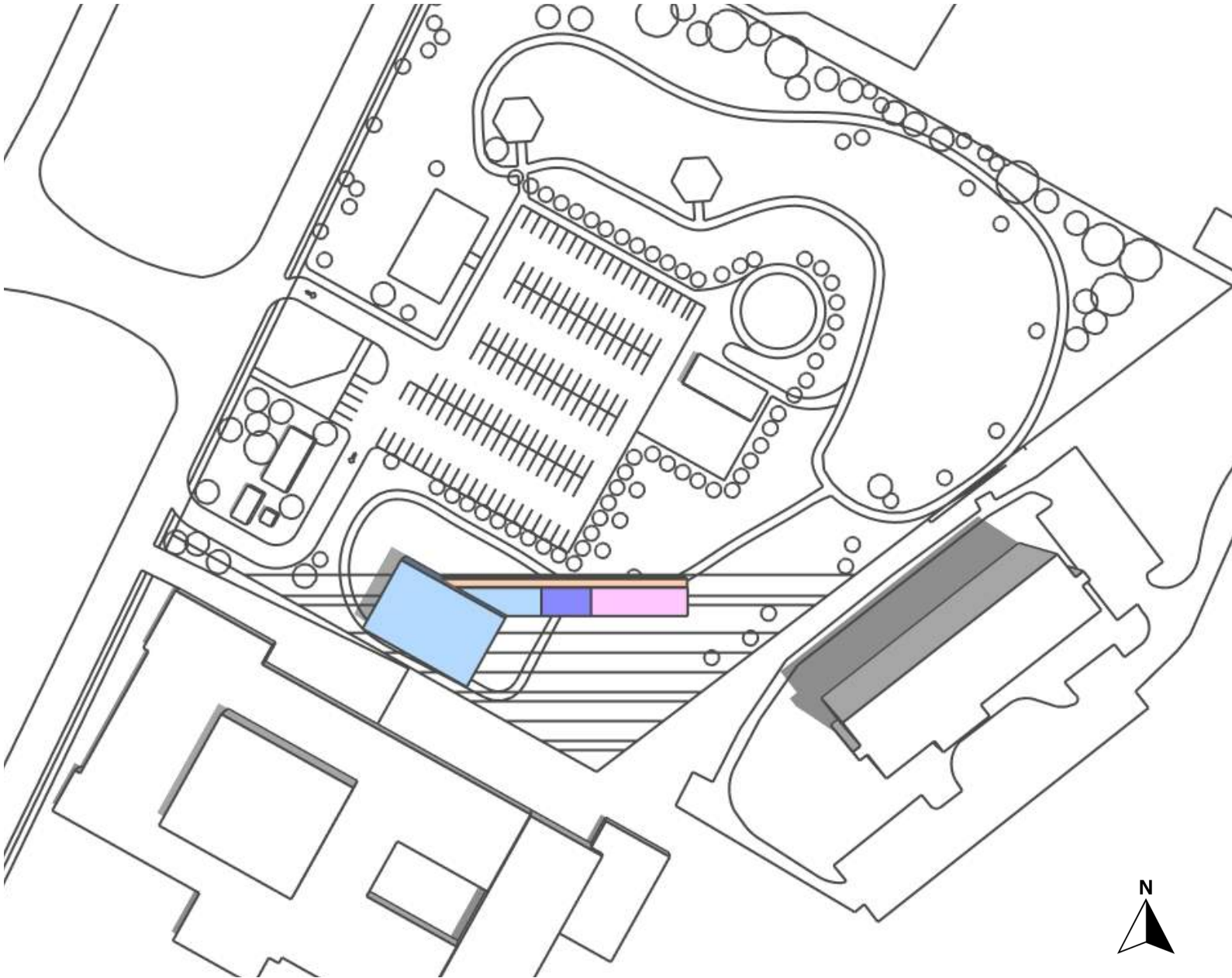
04

**PLANS +  
SECTIONS**

# 04 / PLANS & SECTIONS

## SITE PLAN

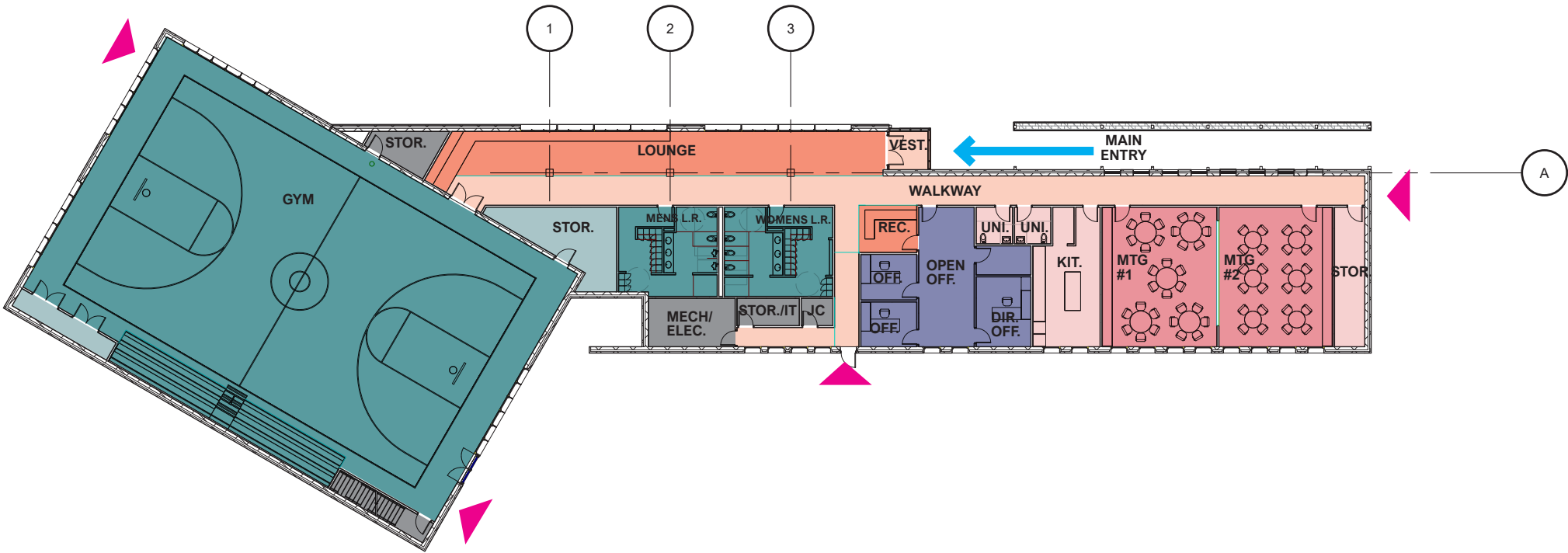
- FITNESS + HEALTH
- COMMUNITY
- OFFICE
- COMMONS



# 04 / PLANS & SECTIONS

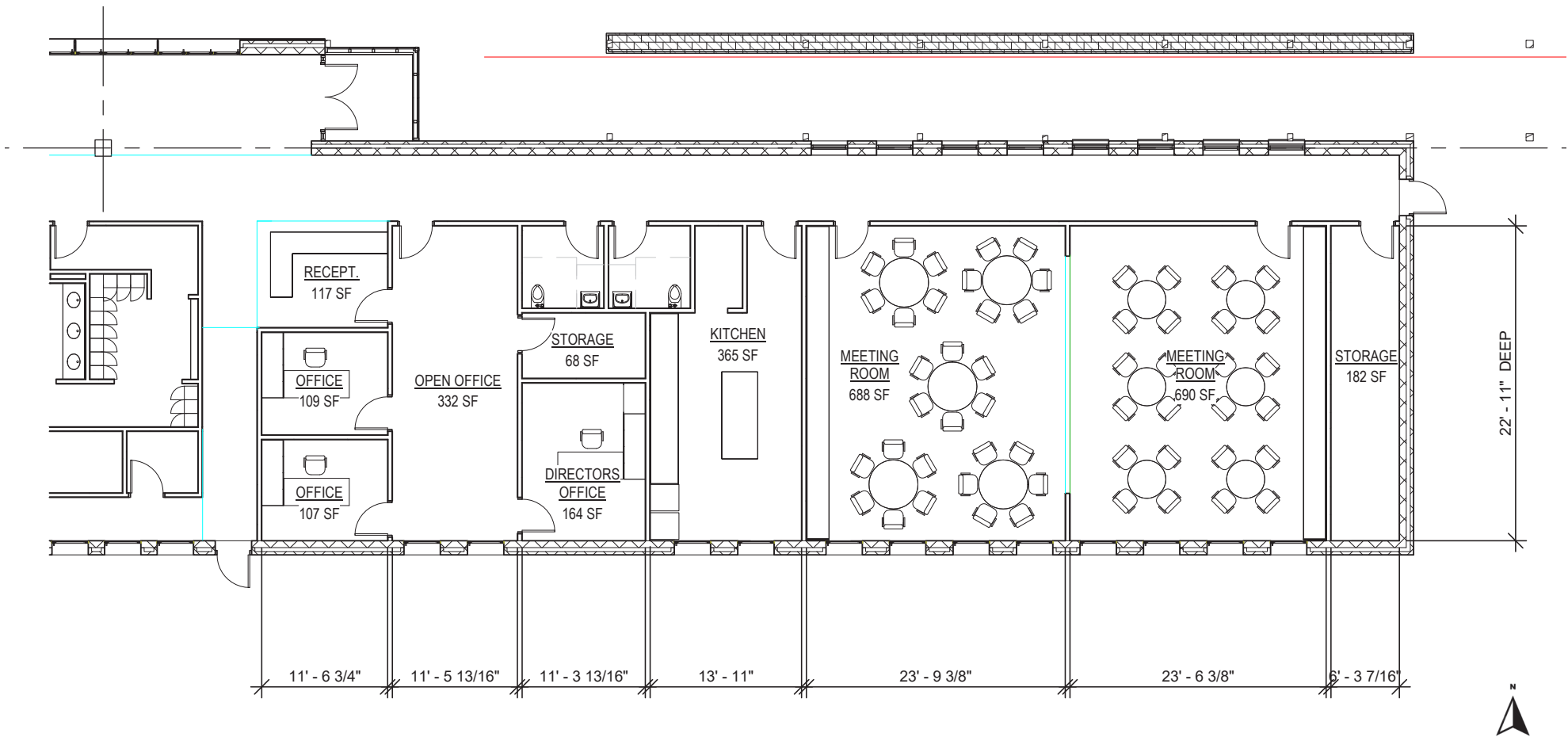
## OVERALL FLOOR PLAN

TOTAL GROSS SF: 14,120 sf



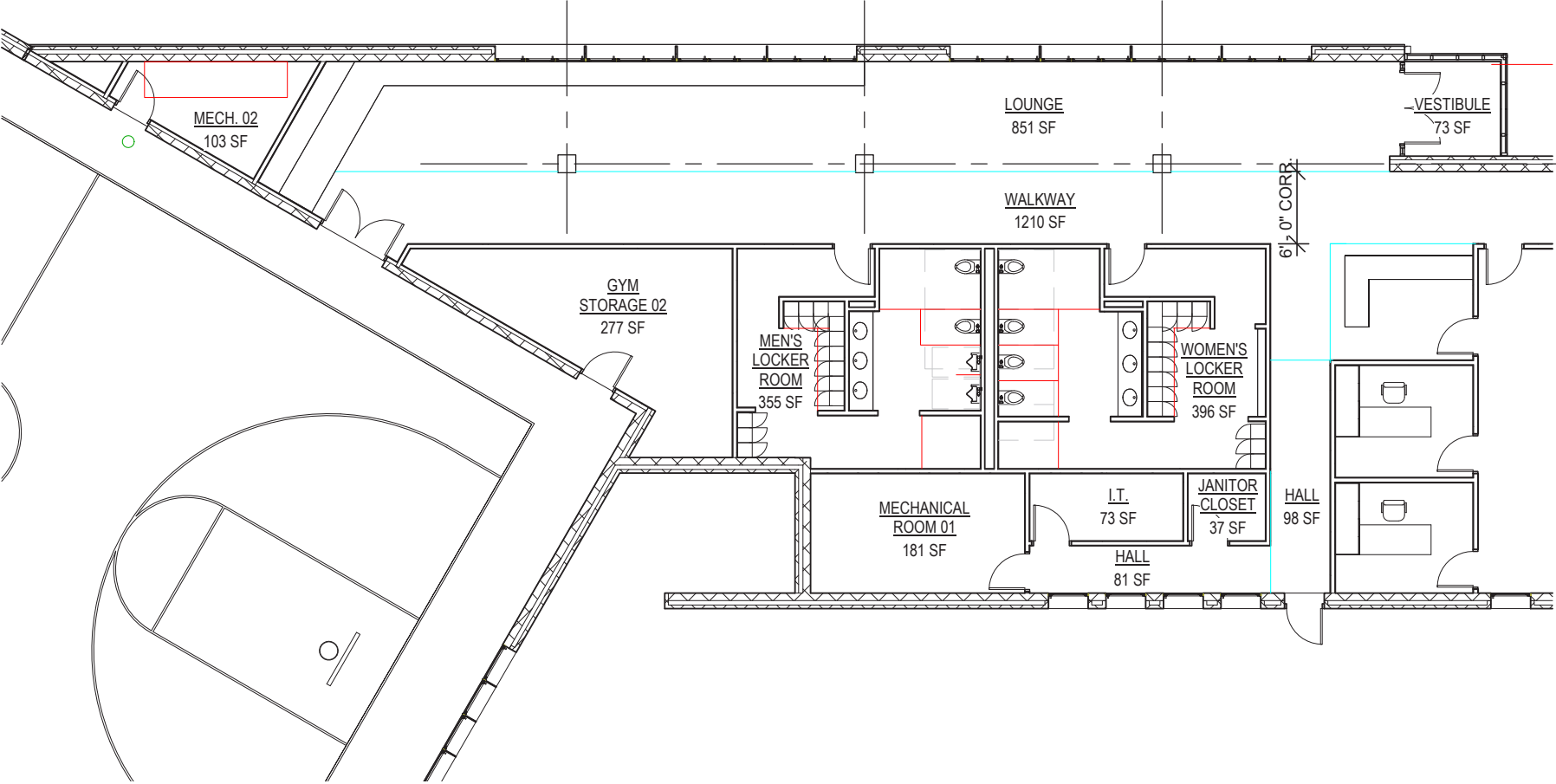
04 / PLANS & SECTIONS

COMMUNITY AREA (ENLARGED PLAN)



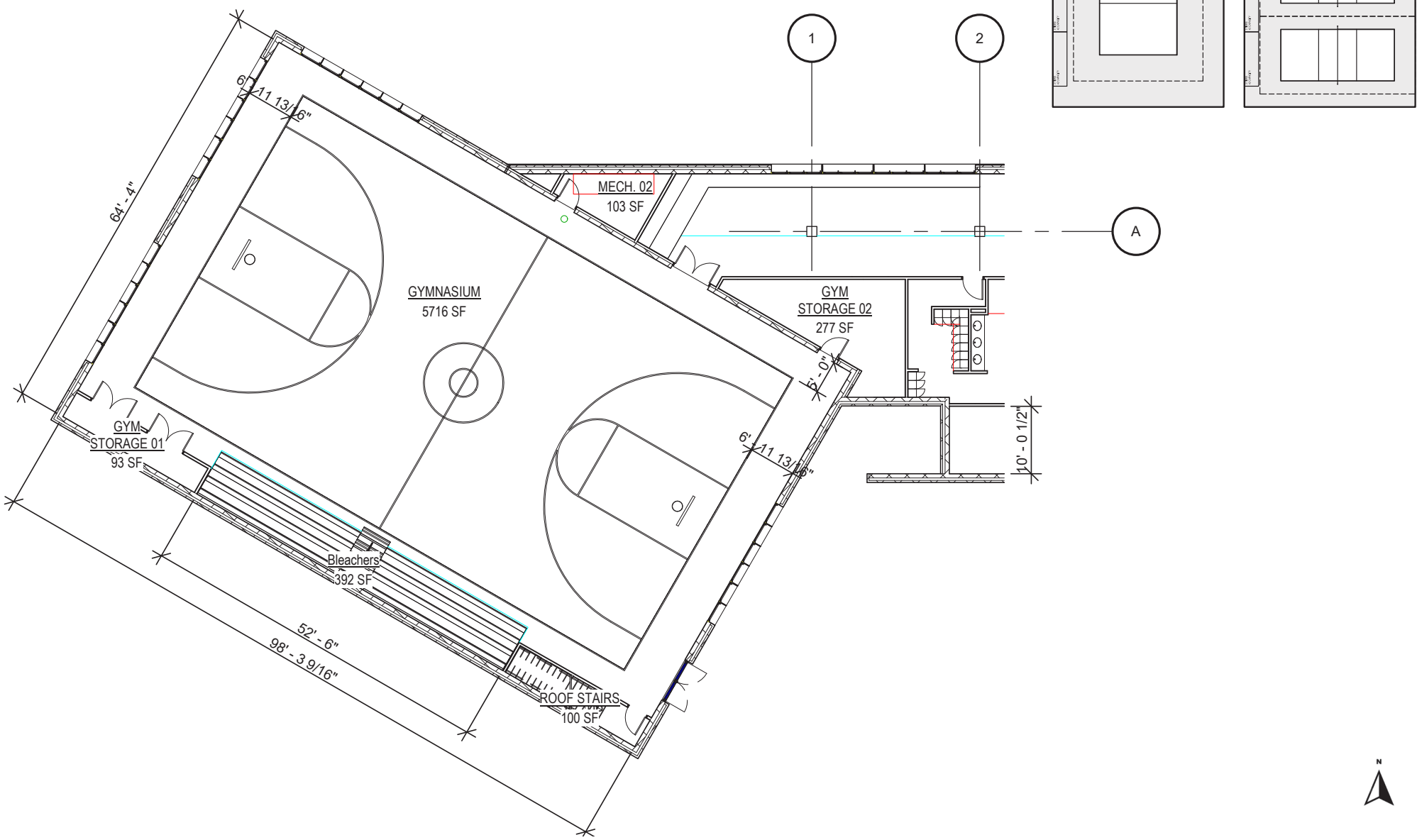
04 / PLANS & SECTIONS

LOUNGE AREA (ENLARGED PLAN)



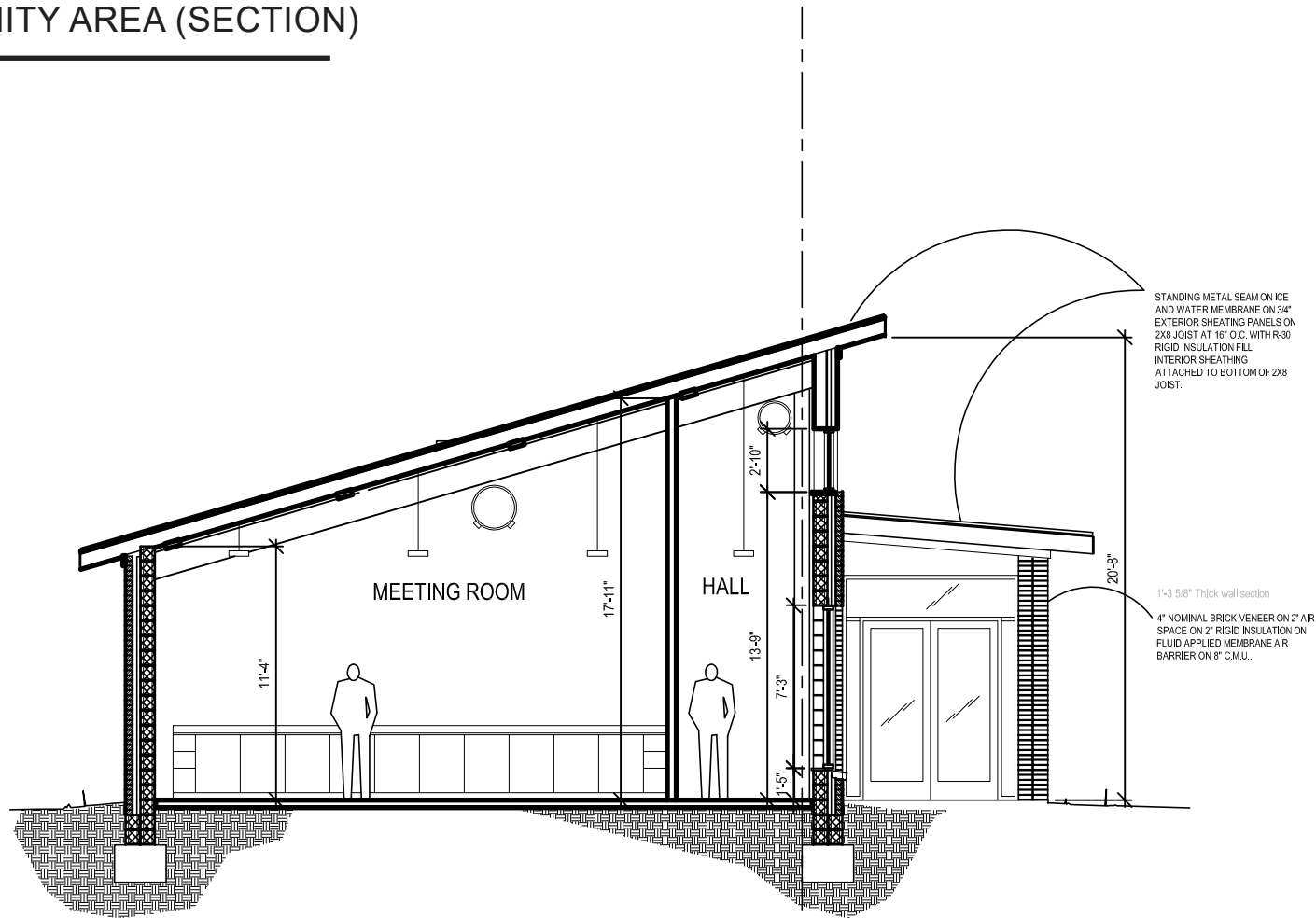
04 / PLANS & SECTIONS

GYM (ENLARGED PLAN)

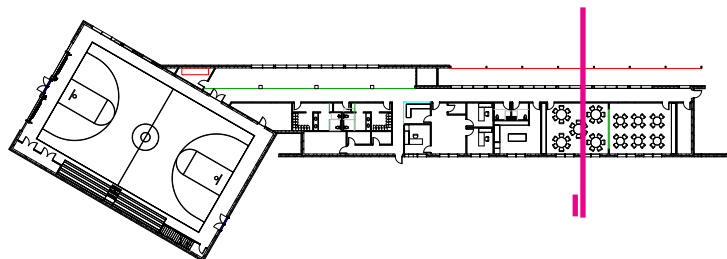


04 / PLANS & SECTIONS

COMMUNITY AREA (SECTION)

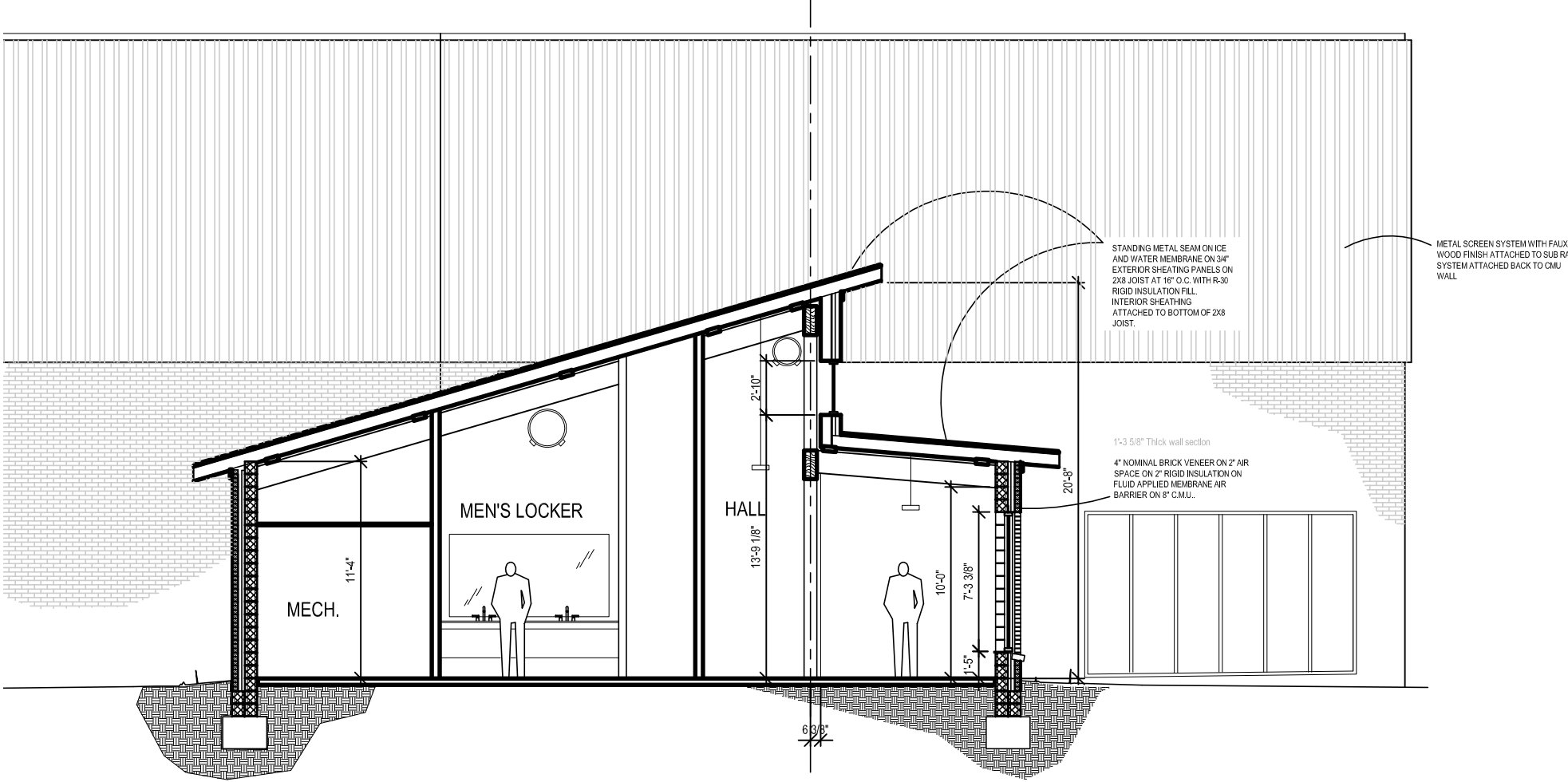


BUILDING SECTION 1

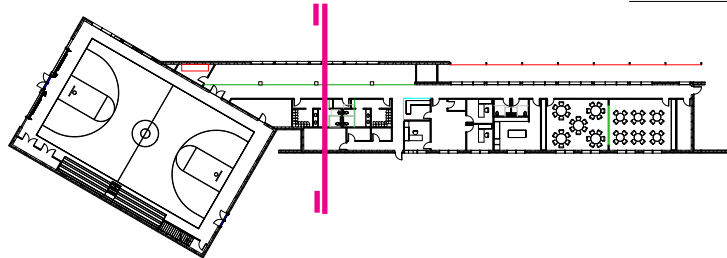


04 / PLANS & SECTIONS

LOUNGE / LOCKERS (SECTION)

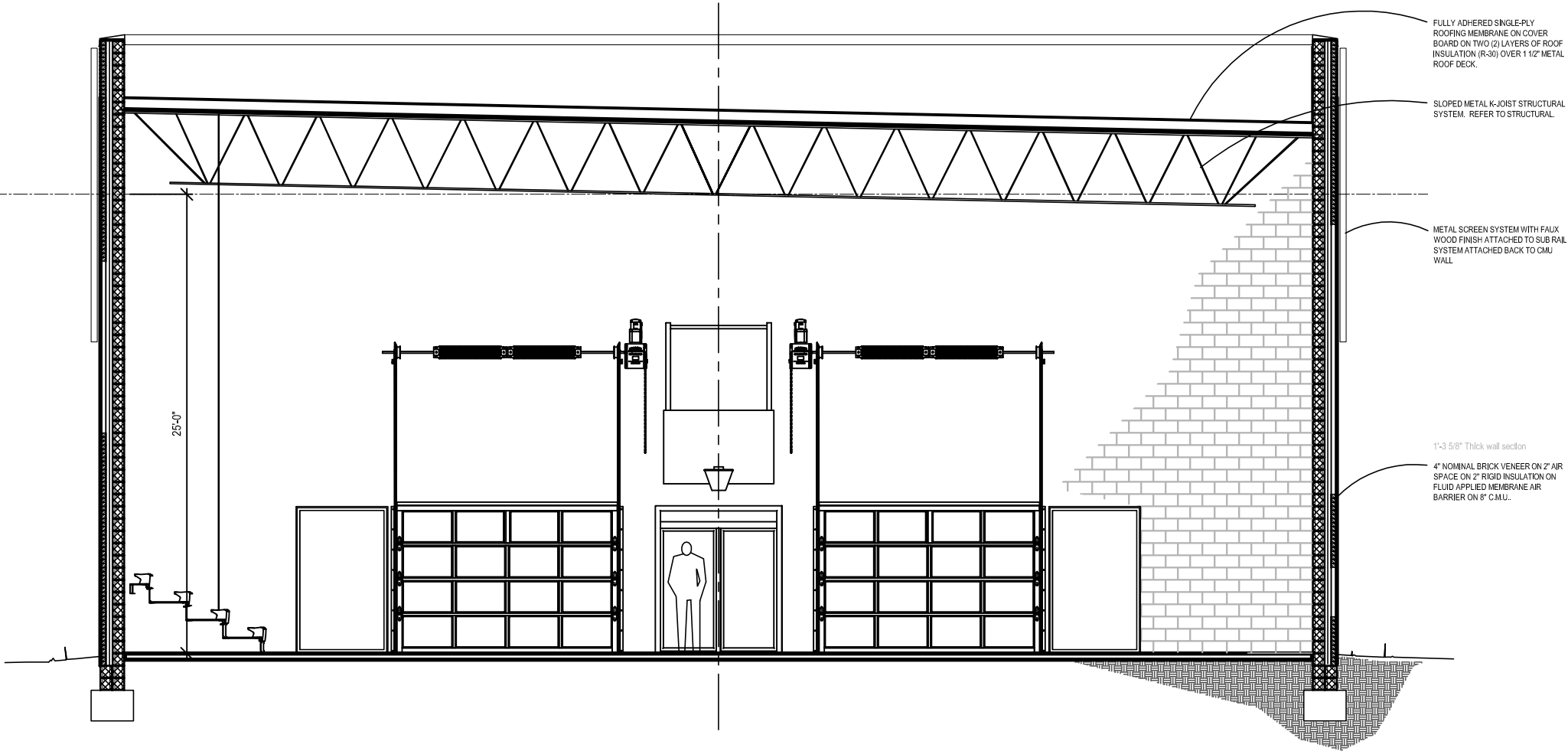


**BUILDING SECTION 2**

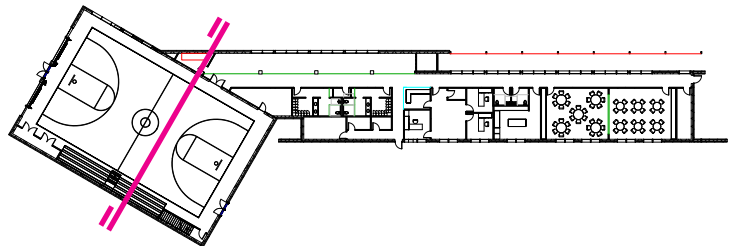


04 / PLANS & SECTIONS

GYM (SECTION)



BUILDING SECTION 3



A large, stylized number '05' rendered in a thin black outline. The '0' is a simple circle, and the '5' has a horizontal top bar and a curved bottom. The number is positioned on the left side of the page, partially overlapping a large, light gray, abstract curved shape that sweeps from the top left towards the bottom right.

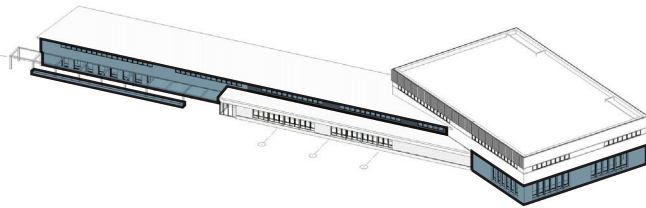
05

**EXTERIOR  
DESIGN**

## 05 / EXTERIOR DESIGN

### MATERIALITY

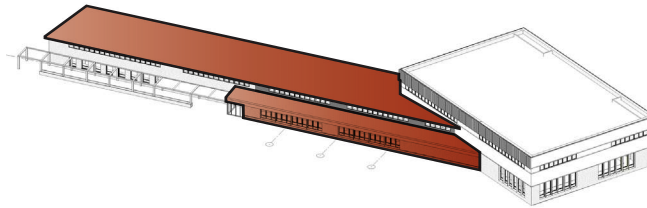
---



#### CONCRETE BLOCK

simple material with  
a level of texture and  
uniqueness

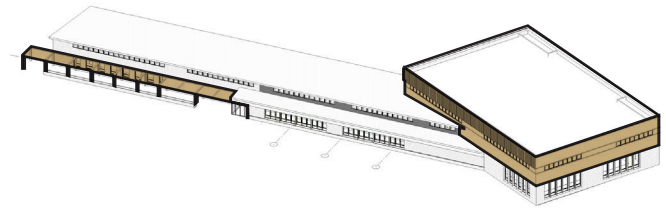
on base of community  
wing and gym



#### METAL ROOF

metal facade at front/  
lounge area

sloped roof at  
community wing to  
match



#### WOOD SCREEN

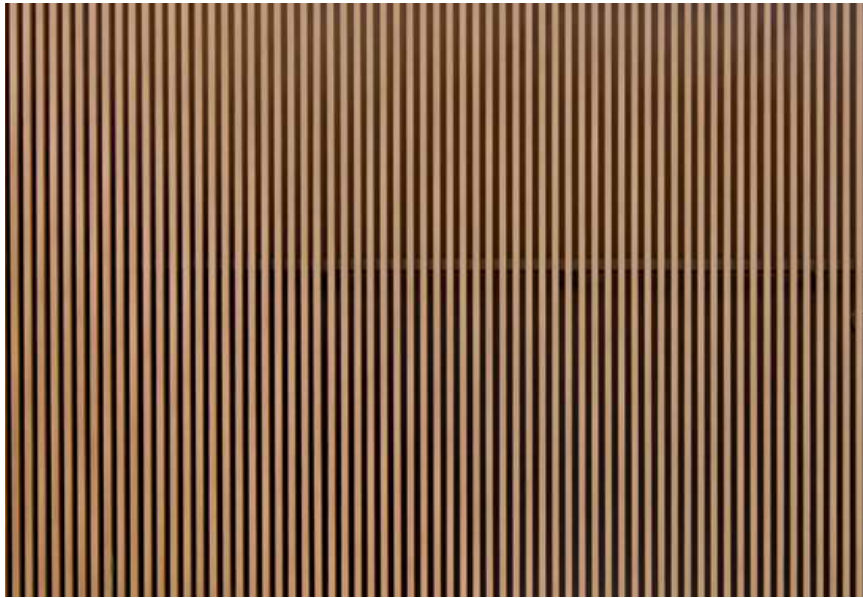
bring in warmth and  
“woods”

screen upper windows  
in the gym from glare

screen all rooftop  
equipment

**05 / EXTERIOR DESIGN**  
MATERIALITY

---





06

**RENDERINGS**

## 06 / RENDERINGS

### EXTERIOR VIEW

---



## 06 / RENDERINGS

### INTERIOR VIEW

---





07

**ESTIMATE**

Location	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
Building	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
	Building	14,000.00 sf	392.88 /sf	5,500,339
Sitework	SITE IMPROVEMENTS	2.00 acre	450,000.00 /acre	900,000
	Sitework	2.00 acre	450,000.00 /acre	900,000

Estimate Totals

	Description	Rate	Amount	Totals	Cost per Unit
	Subtotal		6,400,338		457.17 /sf
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
	Total		8,688,061		620.58 /sf

Location	U2	U3	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
Building	A10	A1010	03-0010.110 03-0010.130	FOUNDATIONS				
				Standard Foundations				
				Shallow Wall Footing	225.00 cy	1,100.00 /cy	247,500	
				Door Stoops	5.00 ea	5,000.00 /ea	25,000	
	A1010 Standard Foundations				14,000.00 sf	19.46 /sf	272,500	
	A10 FOUNDATIONS				14,000.00 sf	19.46 /sf	272,500	
	A40	A4010	03-0010.130	SLABS-ON-GRADE				
				Standard Slabs-on-Grade				
				Slab-on-Grade	13,885.00 sf	7.00 /sf	97,195	
				A4010 Standard Slabs-on-Grade	14,000.00 sf	6.94 /sf	97,195	
	A40 SLABS-ON-GRADE				14,000.00 sf	6.94 /sf	97,195	
	B10	B1020	05-1200.100 05-1200.100 05-3100.110 05-5113.100 07-7200.100	SUPERSTRUCTURE				
				Roof Construction				
				Gymnasium Framing	6,690.00 sf	31.25 /sf	209,063	Acoustical Deck.
				Community Framing	9,295.00 sf	38.00 /sf	353,210	
	Metal Roof Deck	6,690.00 sf	5.50 /sf	36,795				
	Metal Stairs Grating Type	1.00 ls	25,000.00 /ls	25,000				
	Roof Hatch	1.00 ea	1,500.08 /ea	1,500				
	B1020 Roof Construction				14,000.00 sf	44.68 /sf	625,568	
	B10 SUPERSTRUCTURE				14,000.00 sf	44.68 /sf	625,568	
	B20	B2010	04-0000.120 04-2110.110 05-5820.120 06-0000.100 06-2000.110 07-2700.100 09-2000.040 09-2000.040	EXTERIOR VERTICAL ENCLOSURES				
				Exterior Walls				
				8" CMU Bearing Walls	16,505.00 sf	25.00 /sf	412,625	
				Brick Veneer	13,570.00 sf	35.00 /sf	474,950	
	Miscellaneous Fabrications	50,000.00 lbs	3.00 /lbs	150,000				
	Exterior Wall Blocking	1.00 ls	25,000.00 /ls	25,000				
	Install Doors, Frames and Hdwe	6.00 ea	550.00 /ea	3,300				
	Air/Vapor Barrier	13,570.00 sf	5.00 /sf	67,850				
	Metal Screen System	4,330.00 sf	20.00 /sf	86,600				
	Mtl Stud, Exterior Sheathing	1,700.00 sf	25.00 /sf	42,500	Clerestory			
	B2010 Exterior Walls				14,000.00 sf	90.20 /sf	1,262,825	
	B2020	08-5113.100 08-5113.100	Exterior Windows					
Aluminum Windows Fixed			2,540.00 sf	75.00 /sf	190,500	None Included.		
Security Screens			0.00 sf	0.00 /sf	0			
B2020 Exterior Windows			14,000.00 sf	13.61 /sf	190,500			
B2050	08-1100.300 08-1100.300 08-3300.100 09-9113.100	Exterior Doors and Grilles						
		HM Door/ HM Frame	6.00 leaf	2,800.00 /leaf	16,800			
		Alum/Glass Doors	4.00 leaf	4,000.00 /leaf	16,000			
		Overhead Doors	2.00 ea	15,000.00 /ea	30,000			
Paint Exterior Doors & Frames	6.00 ea	150.00 /ea	900					
B2050 Exterior Doors and Grilles				14,000.00 sf	4.55 /sf	63,700		
B2090	10-1400.110 10-1400.110	Exterior Wall Specialties						
		Exterior Trellis	1.00 ls	35,000.00 /ls	35,000	Allowance		
		Exterior Building Signage	1.00 ls	10,000.00 /ls	10,000	Allowance		
		B2090 Exterior Wall Specialties	14,000.00 sf	3.21 /sf	45,000			
B20 EXTERIOR VERTICAL ENCLOSURES				14,000.00 sf	111.57 /sf	1,562,025		
B30	B3010	07-4113.100 07-4113.150 07-5300.100 07-9513.100	EXTERIOR HORIZONTAL ENCLOSURES					
			Roofing					
			Metal Roofing	9,295.00 sf	15.00 /sf	139,425		
			Metal Copings	335.00 lf	75.00 /lf	25,125		
Single-Ply Membrane Roofing	6,660.00 sf	20.00 /sf	133,200					
Roof Expansion Assemblies	60.00 lf	50.00 /lf	3,000					
B3010 Roofing				14,000.00 sf	21.48 /sf	300,750		
B30 EXTERIOR HORIZONTAL ENCLOSURES				14,000.00 sf	21.48 /sf	300,750		

<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
			E2010 Fixed Furnishings	14,000.00	sf	7.83 /sf	109,625
	E20 FURNISHINGS		14,000.00	sf	7.83 /sf	109,625	
Building		14,000.00	sf	392.88 /sf	5,500,339		
Sitetwork							
G20	G2060	SITE IMPROVEMENTS					
		Site Development					
		31-1000.010	Sitetwork	2.00	acr e	450,000.00 /acre	900,000
		G2060 Site Development	2.00	acres	450,000.00 /acres	900,000	

Sitework

G20	G2060		SITE IMPROVEMENTS					
			Site Development					
		31-1000.010	Sitework	2.00	acre	450,000.00	/acre	900,000
			G2060 Site Development	2.00	acres	450,000.00	/acres	900,000

DeMaria Building Co.

Breakdown
Harper Woods Community Ctr - SD Estimate

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



**THANK YOU**

**HANNAH**  
ARCHITECTS