



TOWN OF ORCHARD PARK
BRUSH MOUNTAIN
MULTI-GENERATIONAL COMMUNITY CENTER

WENDEL
April 13, 2016

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team

Introduction



Town Board
Design Review Committee
Design Review Committee

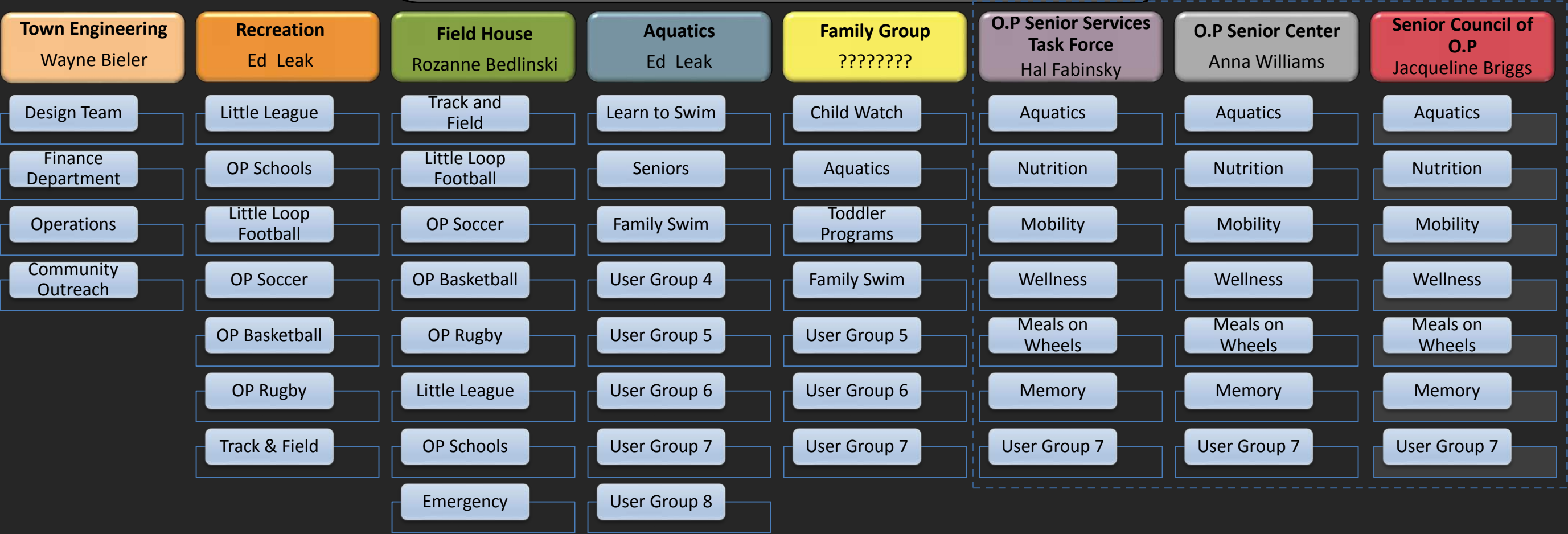


Gerald Summe
Daniel Marinaro, AIA, NCARB
Leanne Voit, AICP, LEED AP

ARCHITEKTON

John Kane, FAIA, LEED AP

Ambassadors +
User Groups



Stakeholders



process

B

History

- 2009
- 2011
- 2015-2016

Design Report – Master Plan for
Improvements at Brush Mountain
Park

Community Center

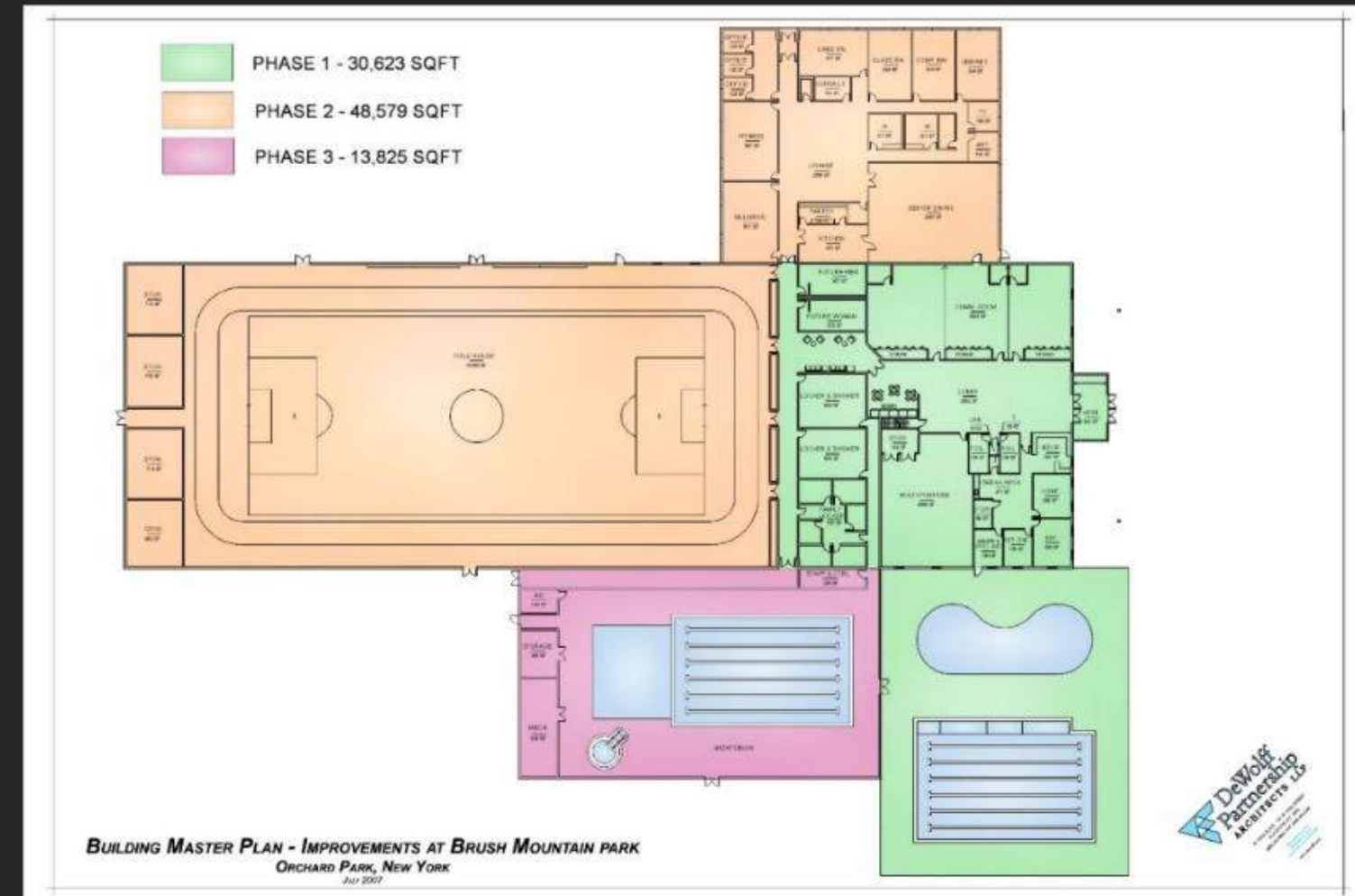
Senior Center

Field House

Indoor Aquatic Center

Outdoor Pool

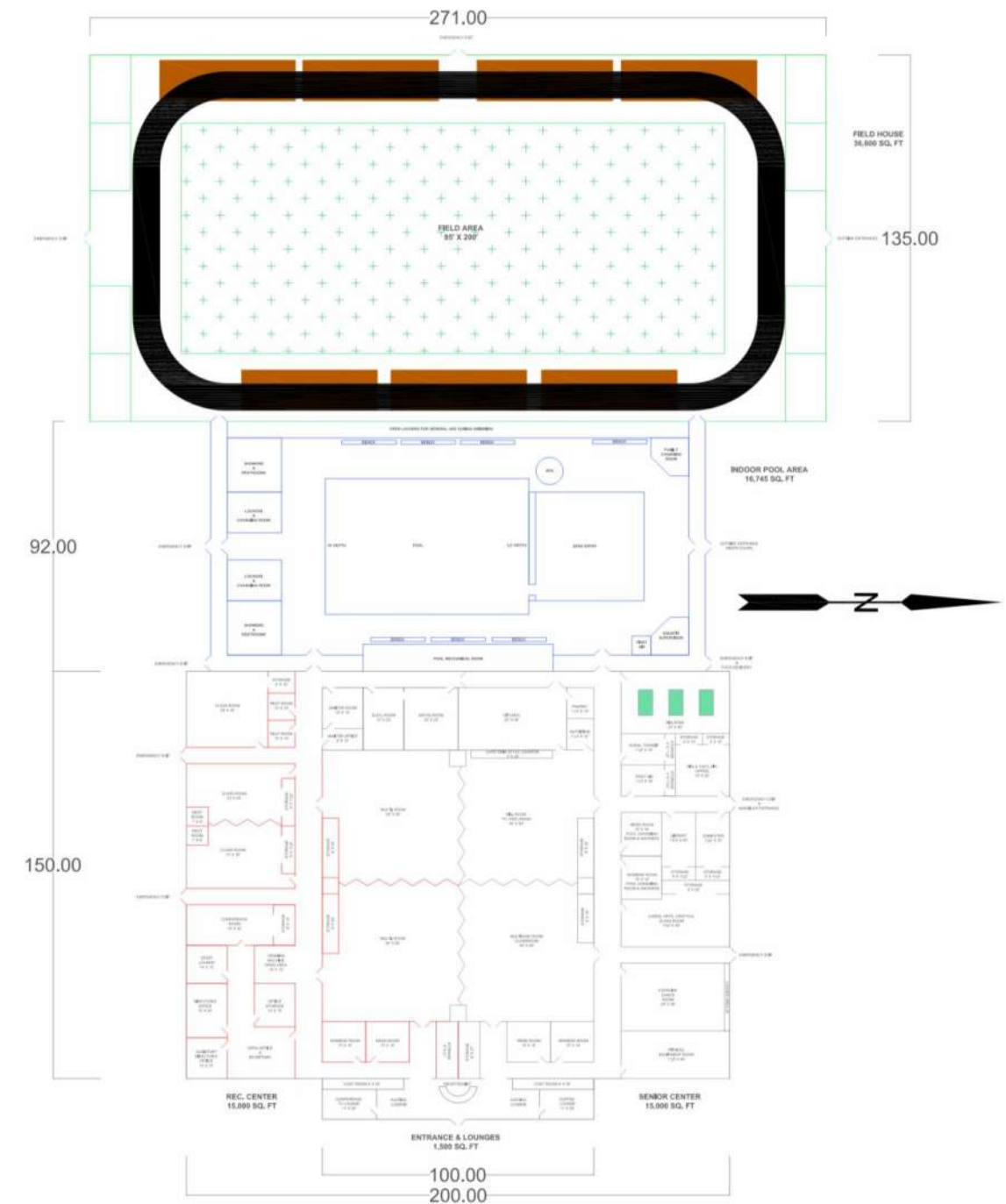
Total square feet: 93,027 sf



History

- 2009 Interim plan by Town Engineering Department
- 2011 Community Center
Senior Center
Field House
Indoor Aquatic Center

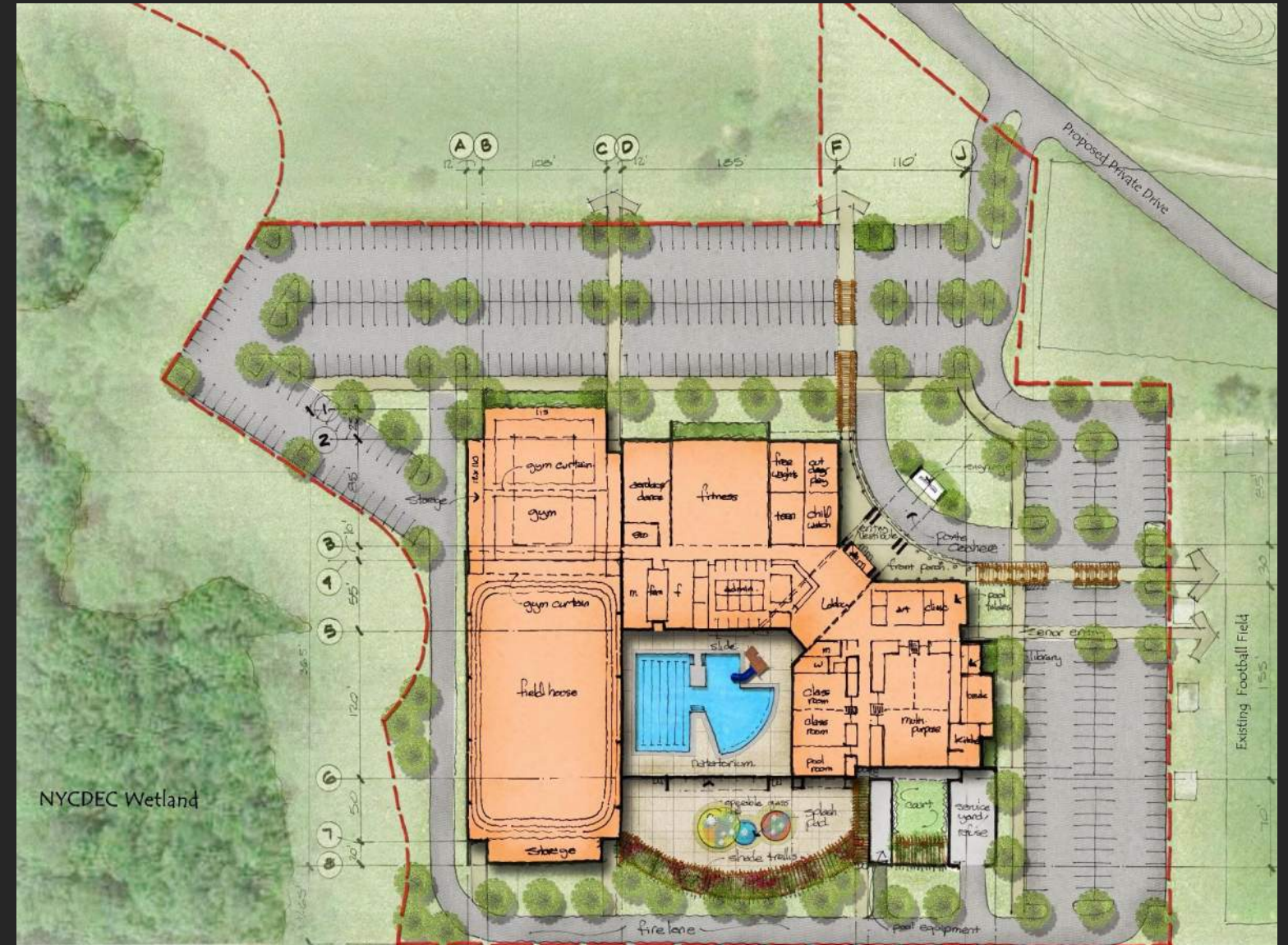
Total square feet: 84,845 sf



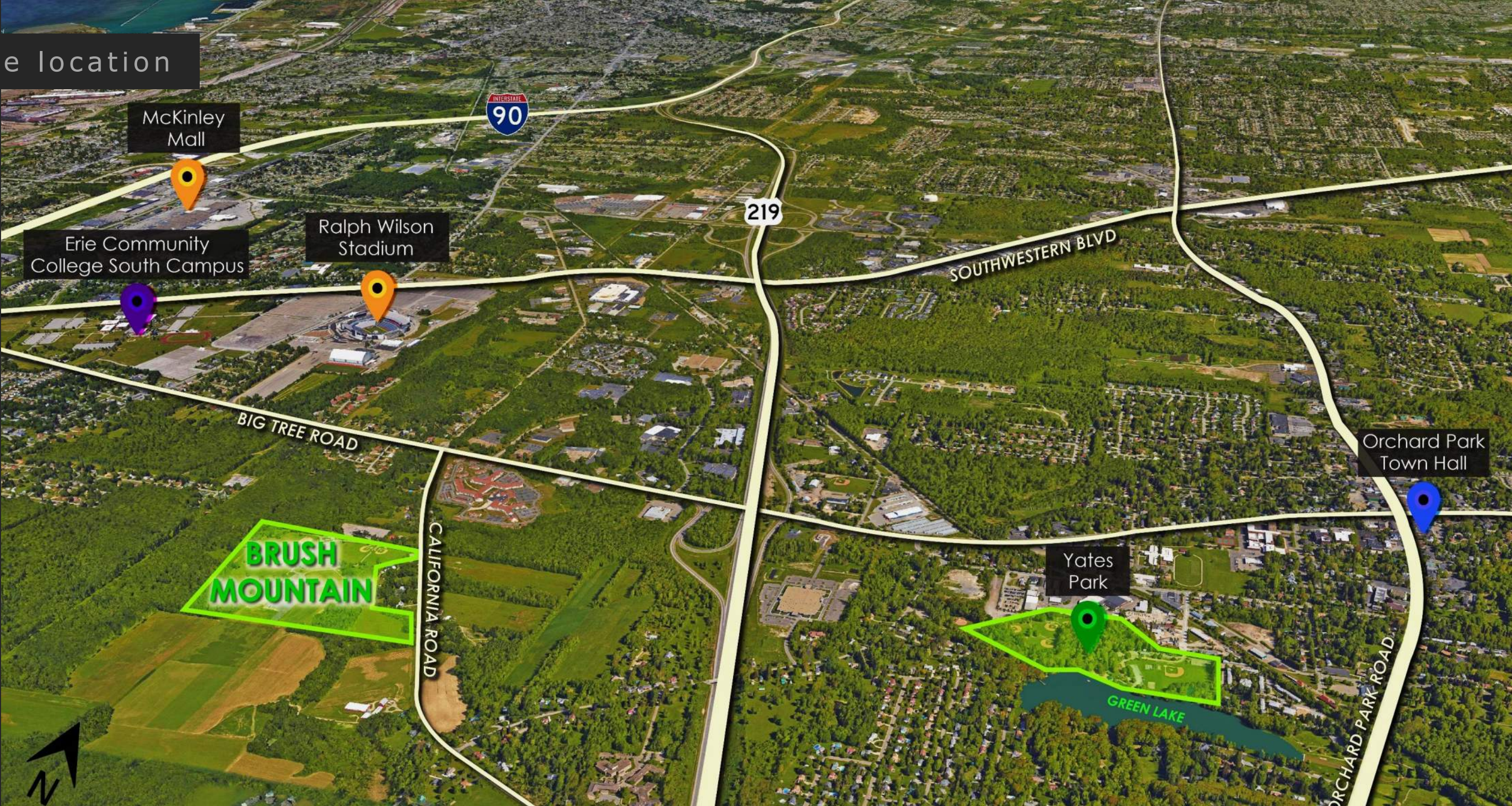
History

- 2009 Schematic Design & Report –
Brush Mountain Multi-
Generational Community Center
- 2011
- 2015-2016 Community Center
Senior Center
Field House
Indoor Aquatic Center
Splash Pad
Gymnasiums

Total square feet: 142,759 sf



Site location



Site



B

process

Program Reconciliation

- Workshop 1 – May 7, 2015

This meeting represented a high-level discussion of the various “wants”

 - Town of Orchard Park, Recreation Stakeholders, Senior Stakeholders, residents
 - Recreation Building needs (Community Center)
 - Boys & Girls Club involvement
 - Indoor/Outdoor pool
 - Field House
 - Master Plan
 - Little League
- Workshop 2 – May 8, 2015
 - Town of Orchard Park, Recreation Stakeholders, Senior Stakeholders, residents, Section VI, Police
 - Community policing
 - Senior needs
 - Collected programming tables from seniors

[illegible]

Areas	Room/Unit	2,003		2011		Proposed 2015				
		Qty	SF Per	Total SF	Qty	SF Per	Total SF	Qty	SF Per	Total SF
Indoor Pool Area				16,745			16,745			16,745
	Pool	1								
	Spa	1								
	Zero Entry pool	1								
	Mechanical Room	1								
	Aquatic Supervisor	1								
	First Aid	1								
	Family Changing room	1								
	Men's Showers/Restrooms	1								
	Men's Lockers/Changing Room	1								
	Women's Showers/Restrooms	1								
	Women's Lockers/Changing Room	1								
	Open Lockers	1								
	Benches	1								
Recreation Center				10,053			11,398			30,298
	Women's Restroom	2	240	480						
	Men's Restroom	2	240	480						
	Storage	1	168	168						
	Open Office/Secretary	1		0	1	650	650			
	Assistant Dir. Office	1	225	225						
	Dir. Office	1	300	300						
	Office Storage	1	240	240						
	Staff Lounge	1	210	210						
	Conference Room	1	450	450						
	Storage	1	120	120						
	Vending Machine Area	1	210	210						
	Multi-Purpose Room	2	2,500	5,000						
	Multi-Purpose Storage	2	132	264						
	Classroom	1	805	805						
	Restroom	1	56	56						
	Classroom Storage	2	88	175						
	Classroom	1	840	840						
	Community Room				1	0	0			
	Programming				1	285	285			
	Assistant Programming				1	0	0			
	Break Room				1	150	150			
	Copy Room				1	260	260			
	Program Registration				1	0	0			
	Outdoor Pool				1	0	0			
	Outdoor Splash Pad				1	0	0			
	Child Watch							1	2,000	2,000
	Gymnasium							1	7,000	7,000
	Fitness							1	7,500	7,500
	Activity Room							1	2,400	2,400
Entrances/Lounges				680			680			680
	Reception	1								
	Waiting Lounge									
	Coffee Lounge	1	220	220	1	220	220	1	220	220
	Conference TV Lounge	1	220	220	1	220	220	1	220	220
	Cost Room	2	120	240	2	120	240	2	120	240
Senior Center				12,376			32,001			32,001
	Men's restroom	1	240	240						
	Women's restroom	1	240	240						
	Storage	1	168	168	1	2,500	2,500			
	Fitness Equipment Room	1	700	700						
	Exercise Dance Room	1	350	350						
	locker area			0						
	Classroom (games/crafts)	1	613	613						
	Storage	1	125	125						
	Multi Use Room	1	2,500	2,500						
	Storage	1	110	110						
	Dining Room	1	2,500	2,500						
	cafeteria counter	1		0						
	Storage	1	130	130						
	Kitchen	1	320	320	1	800	800			
	pantry	1	115	115						
	Nutrition Office	1	115	115						
	Mens Changing rooms/showers	1	240	240						
	Womens Changing rooms/showers	1	240	240						
	Library	1	250	250						
	storage	1	65	65						
	Computer Room	1	250	250	1	800	800			
	Storage	1	65	65						
	First Aid Room	1	184	184						
	Storage	1	46	46						
	Rural Transit Office	1	104	104						
	Storage	1	46	46						
	Dir/Asst Dir office	1	380	380						
	storage	1	80	80						
	Billiards	1	320	320	1	700	700			
	Arts and Crafts Room	1			1	800	800			
	Large Partitionable Space				1	4,200	4,200			
	Library				1	1,325	1,325			
	Administrative Offices				1	1,400	1,400			
	Gymnasium				1	3,600	3,600			
	Medical Screening Room				1	0	0			
	Large Activity/Classroom				4	1,600	6,400			
	Medium Activity/Classroom				4	300	1,200			
Shared				1,150			1,150			1,150
	Mechanical Room	1	460	460	1	460	460	1	460	460
	Electrical Room	1	345	345	1	345	345	1	345	345
	Janitor Office	1	120	120	1	120	120	1	120	120
	Janitor Room	1	225	225	1	225	225	1	225	225
	Vertical Circulation	1								
	Circulation	1								
Total				41,004			61,294			80,674
Field House										
	Field area	1	36,600	36,600		36,600	36,600		36,600	36,600
	Bleachers		17,000	17,000	1	17,000	17,000	1	17,000	17,000
	Run/Walk Track	1								
Total				77,004			97,294			116,874

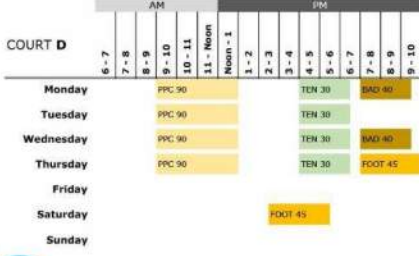
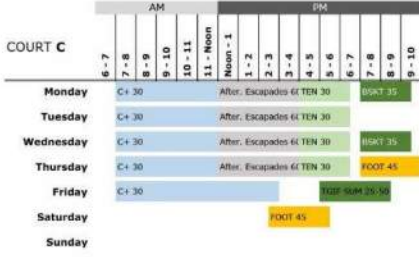
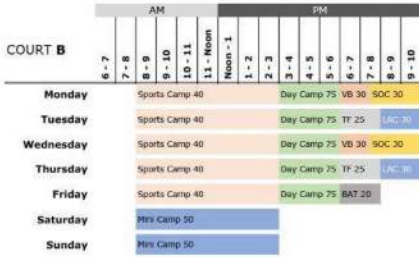
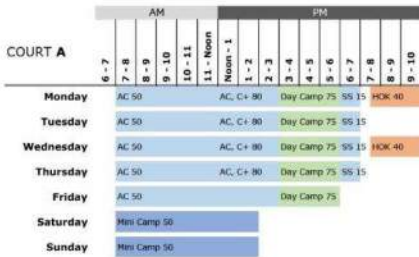
Program Reconciliation

PROGRAM SPACE	AREA
Entry/Reception Area	5,382 sqft
Shared Office Space	
All Offices/copy room/conf room	3,686 sqft
Nutrition Coordinator	204 sqft
Shared Break Room	676 sqft
Community Based Policing Office	126 sqft
Rural Transit Office	157 sqft
Administration Sub Total	4,849 sqft
Senior Billiards Room	768 sqft
Multi-Purpose classrooms (1,160 sqft x 2 ea)	2,320 sqft
Divisible Multi-purpose Room (not inc. storage)	5,183 sqft
Art & Crafts Room	777 sqft
Poolside Multi-Purpose Rom (not incl storage)	1,049 sqft
Library	416 sqft
Catering Kitchen	1,293 sqft
Wellness/Medical Screening room (178x2)	356 sqft
Multi-Purpose Dance Studio (not inc. storage)	3,232 sqft
Shared Fitness Area	8,509 sqft
Game Room	1,130 sqft
Child Watch (interior space)	1,163 sqft
Locker Rooms	3,114 sqft
Community & Facility Storage Rooms	4,164 sqft
Vending Machine Area	205 sqft
Public Restrooms (includes Auxiliary HC Toilets)	516 sqft
Subtotal other spaces	34,195 sqft
Grossing factor (35%) - circulation, mechanical rooms, etc	12,035 sqft
Subtotal (incl. Reception)	56,461 sqft
2 court Gymnasium (Boys & Girls Club)	12,871 sqft
Indoor pool with deck and pool office	18,105 sqft
Exterior Splash Pad	
Field House	30,044 sqft
Wellness Track, Floor System, Turf Area	sqft
Swing up Basketball Backstops	ea
Scoreboard	ea
Subtotal	61,020 sqft
TOTAL	117,481 sqft

Program Testing

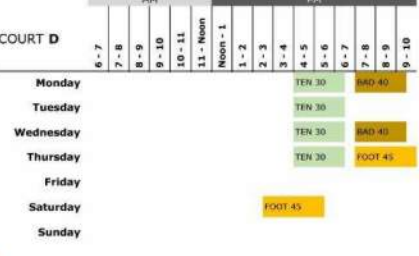
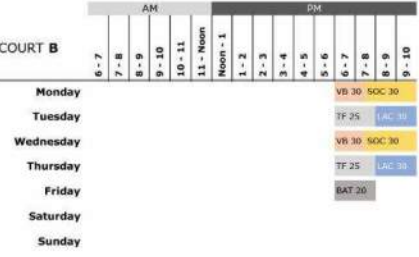
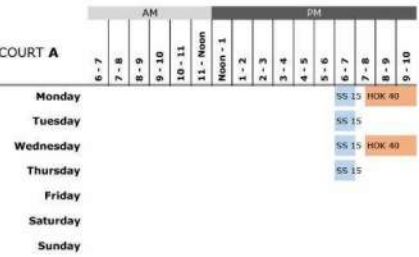
Gym & Multi-Purpose

Brush Mountain
Gym/Multi-Room Sample Daytime Schedule June - September
Wendel + Architekton



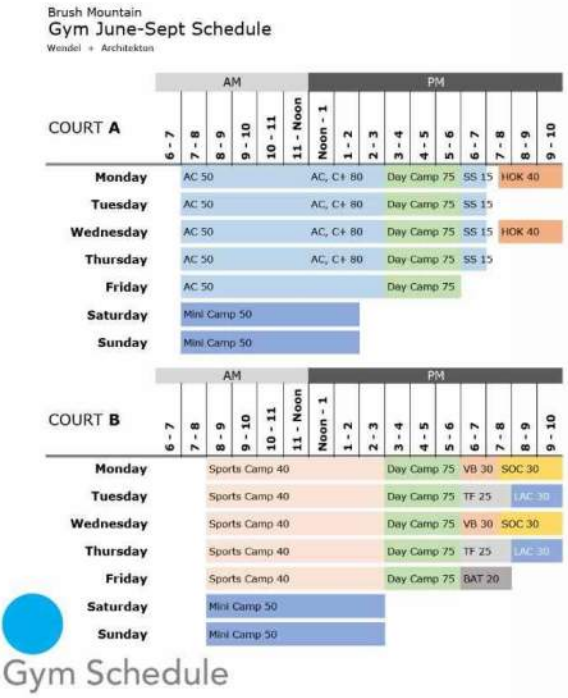
Summer Schedule

Brush Mountain
Gym/Multi-Room Sample Daytime Schedule October - May
Wendel + Architekton

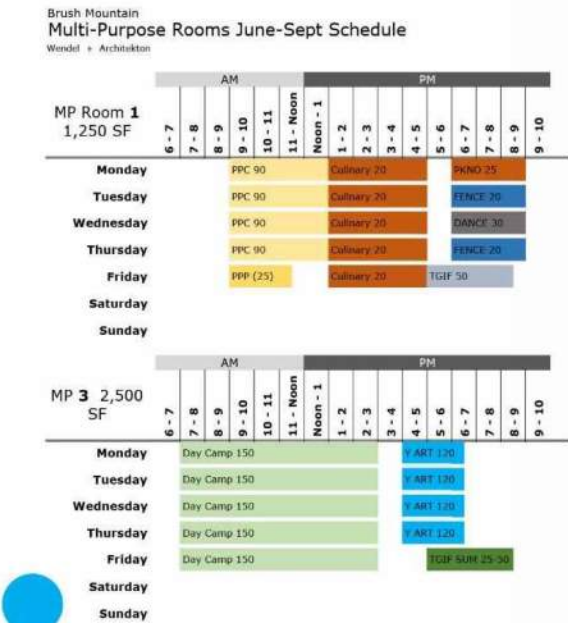


Winter Schedule

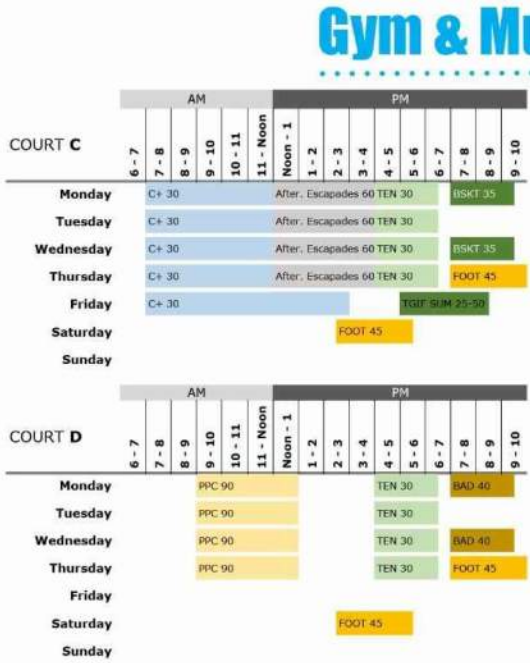
Program Testing



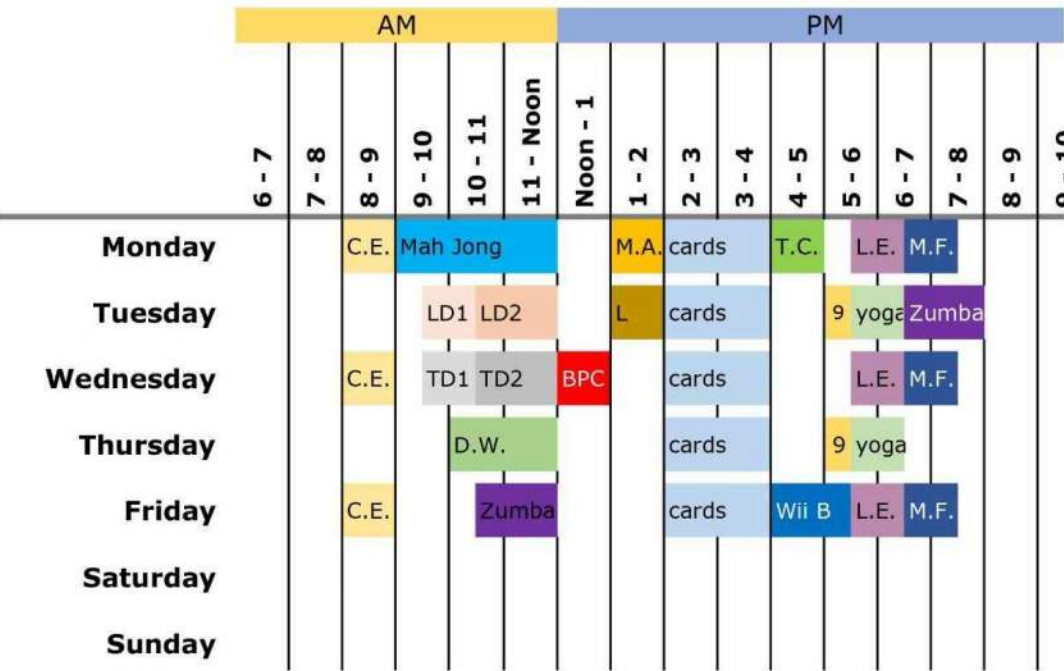
Gym Schedule



Multi-Purpose Schedule

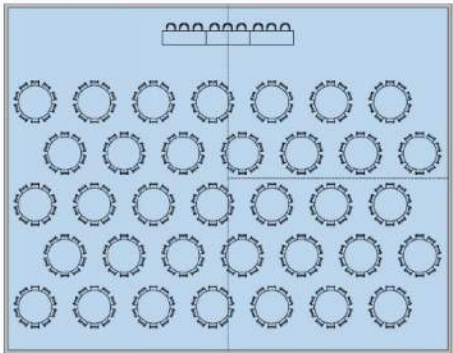


Brush Mountain
Activity Room Sample Schedule
Wendel + Architekton

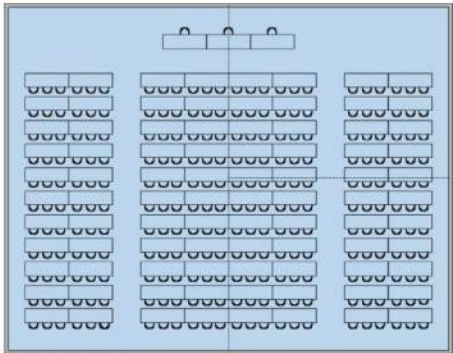


key

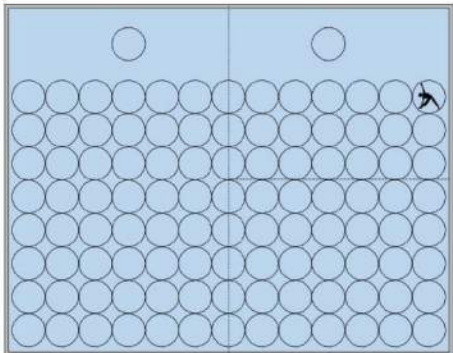
program			program		
	Cards	5	LD1	Beginner Line Dance	
L.E.	Ladie's Exercise	3	TD2	Intermediate Tap	
M.F.	Men's Fitness	3	L	Language	
C.E.	Chair Exercise	3	M.A.	Mind Aerobics	
	Yoga	2	T.C.	Tai Chi	
9	Club 99 Exercise	2	TD1	Beginner Tap	
	Mah Jong	1	BPC	Blood Pressure Check	
D.W.	Diabetes Wellness	1	Wii B	Wii Bowling	
LD2	Intermediate Line Dance	1	Zum	Zumba	



Banquet
5,000 Sf.
350 People max.
15 Sf/person



Classroom
5,000 Sf.
264 People max.
20 Sf/person



Fitness
5,000 Sf.
104 People max.
49 Sf/person

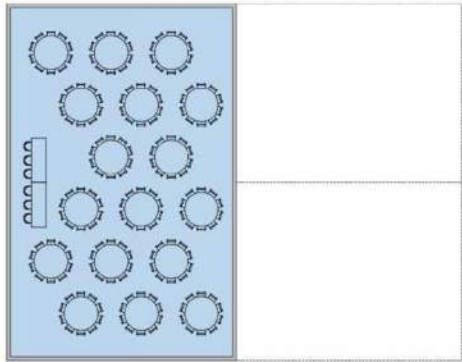
Multi - Purpose Large

Flexible and divisible into 3 separate rooms with acoustic operable walls. Adjustable lighting, flexible furniture, audio-visual, adjacent to kitchen and exterior patio(s). Large storage room(s) adjacent.
Rentable for community events, movies, dances, weddings, and senior dining.

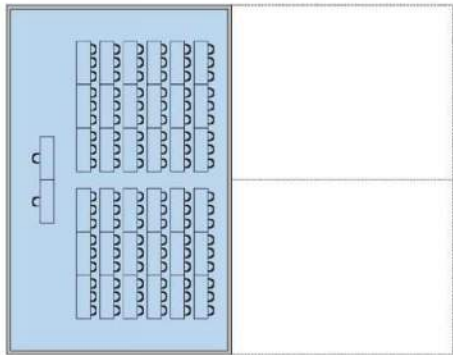
5,000 sf : divisible		Possible Progam:
2,500 sf	1,250 sf	*TGIF Summer *Mini Camp *Afternoon Escapades *Preschool Play Camp *Adventure Camp *Adventure Camp Plus *Day Camp Dance Paint Paste Play
	1,250 sf	*PKNO *TGIF Fencing Performing Arts *Preschool Play *Young Artists *Art Explorers Culinary Creations



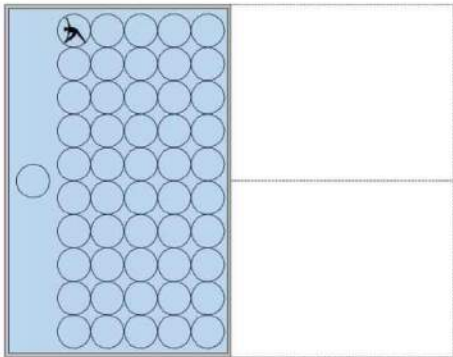
Wendel + Architekton DRAFT 07/07/2015



Banquet
2,500 Sf.
170 People max.
15 Sf/person



Classroom
2,500 Sf.
108 People max.
23 Sf/person



Fitness
2,500 Sf.
50 People max.
50 Sf/person

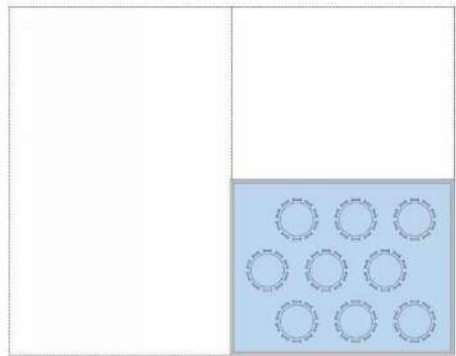
Multi - Purpose Medium

Flexible and divisible into 3 separate rooms with acoustic operable walls. Carpet tile flooring, adjustable lighting, flexible furniture, audio-visual, adjacent to kitchen and exterior patio(s). Large storage room(s) adjacent.
Rentable for community events, movies, dances, weddings, and senior dining.

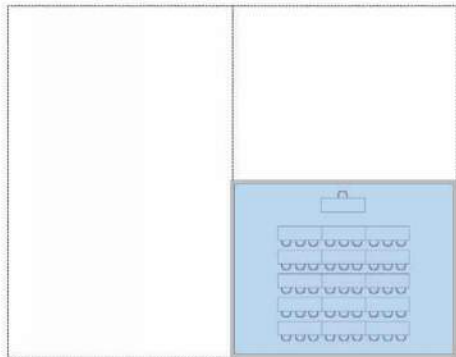
5,000 sf : divisible		Possible Progam:
2,500 sf	1,250 sf	*TGIF Summer *Mini Camp *Afternoon Escapades *Preschool Play Camp *Adventure Camp *Adventure Camp Plus *Day Camp Dance Paint Paste Play
	1,250 sf	*PKNO *TGIF Fencing Performing Arts *Preschool Play *Young Artists *Art Explorers Culinary Creations



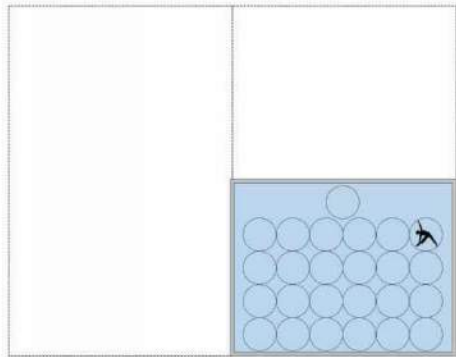
Wendel + Architekton DRAFT 07/07/2015



Banquet
1,250 Sf.
90 People max.
15 Sf/person



Classroom
1,250 Sf.
45 People max.
28 Sf/person



Fitness
1,250 Sf.
25 People max.
50 Sf/person

Multi - Purpose Small

Flexible and divisible into 3 separate rooms with acoustic operable walls. Carpet tile flooring, adjustable lighting, flexible furniture, audio-visual, adjacent to kitchen and exterior patio(s). Large storage room(s) adjacent.

Rentable for community events, movies, dances, weddings, and senior dining.

5,000 sf : divisible

2,500 sf	1,250 sf
	1,250 sf

Possible Progam:

*TGIF Summer
*Mini Camp
*Afternoon Escapades
*Preschool Play Camp
*Adventure Camp
*Adventure Camp Plus
*Day Camp
Dance
Paint Paste Play

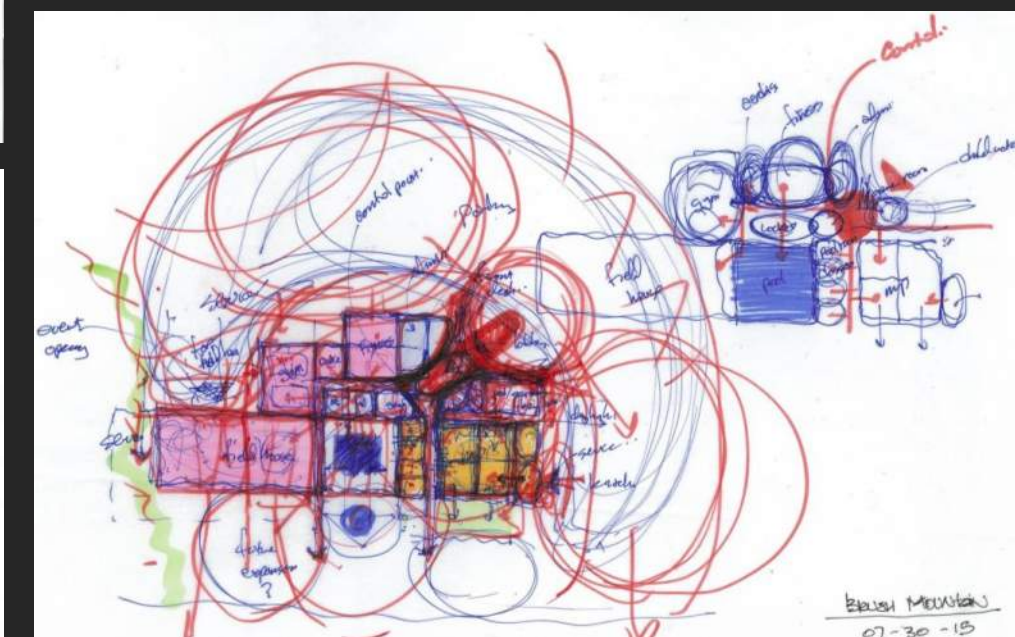
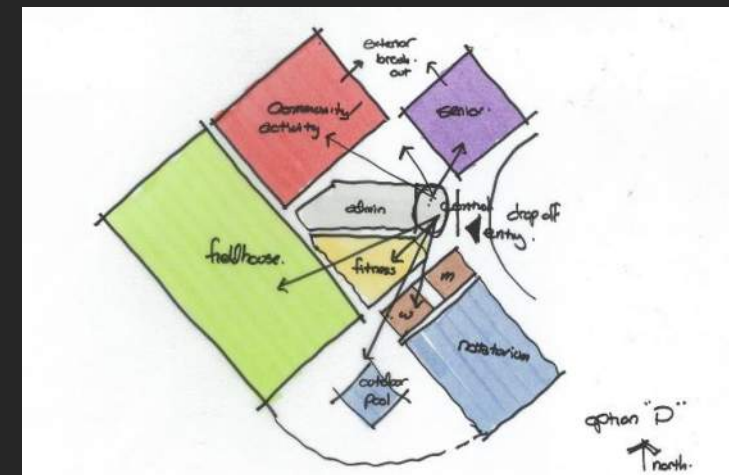
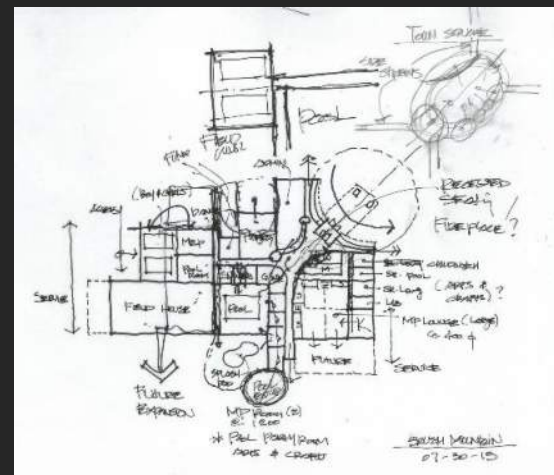
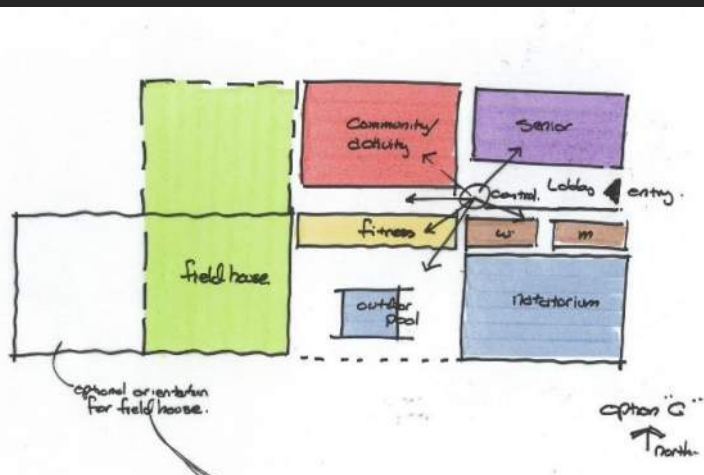
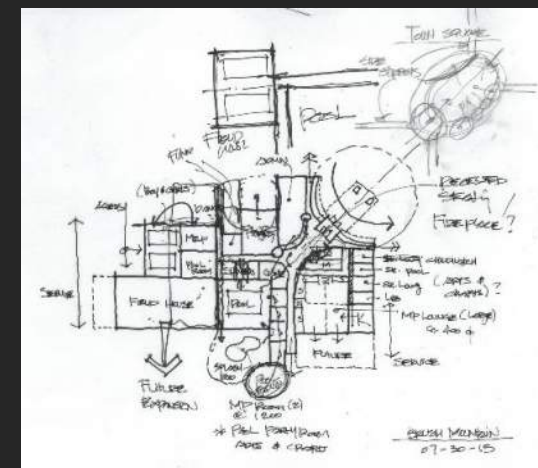
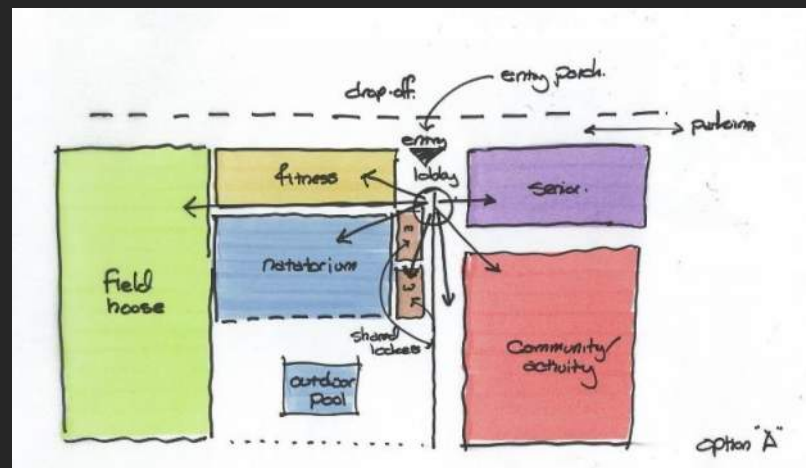
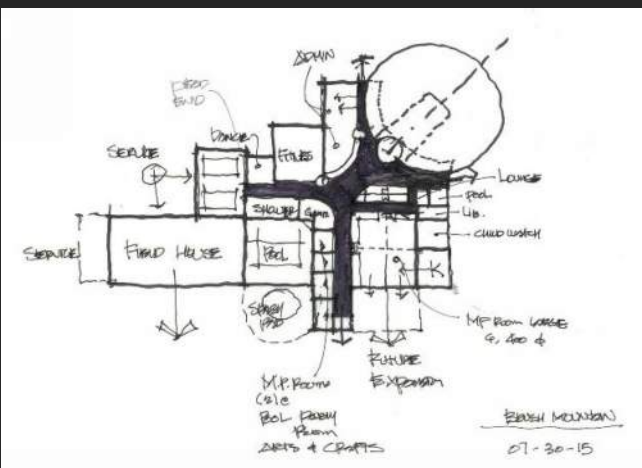
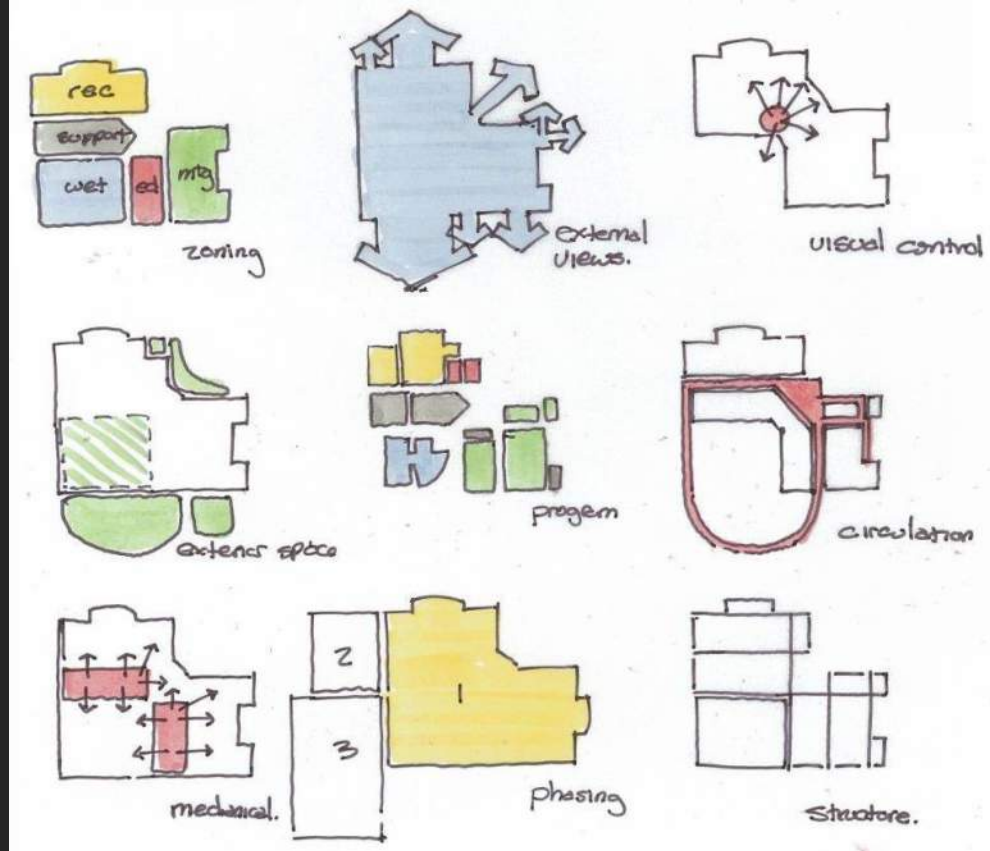
*PKNO
*TGIF
Fencing
Performing Arts
*Preschool Play
*Young Artists
*Art Explorers
Culinary Creations

Wendel + Architekton DRAFT 07/07/2015

B process

Program Testing - Architecture

- Spatial Proximity
- Connections
- XXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXX



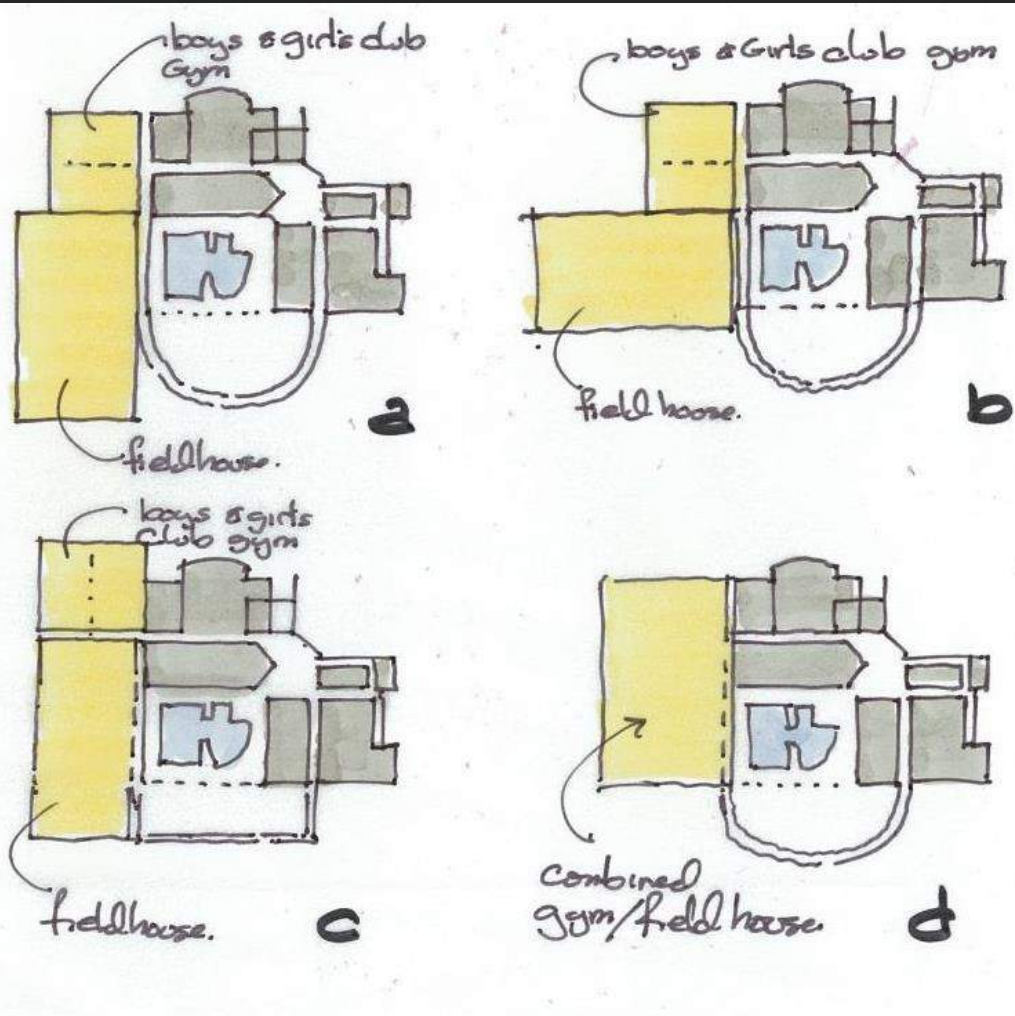
Field House + Recreation Program

- Additional outreach to the user groups for Field House and Recreation
- Meeting with user groups to reconcile program

Brush Mountain - Field House Users Group Program Needs									
User Group	Representative Name, and Contact Information	Type of Program	Type of Play Surface Desired	Number of participants per session	Days of Week Requested	Time of Day Requested	Program Season	Duration	Estimated Annual Revenue Generation for Facility
Track & Field	Section 14 Section 15 Section 16 Section 17 Section 18		Section 14 Section 15 Section 16 Section 17 Section 18		Section 14 Section 15 Section 16 Section 17 Section 18		Section 14 Section 15 Section 16 Section 17 Section 18		

Brush Mountain - Field House Users Group Program Needs									
User Group	Representative Name, and Contact Information	Type of Program	Type of Play Surface Desired	Number of participants per session	Days of Week Requested	Time of Day Requested	Program Season	Duration	Estimated Annual Revenue Generation for Facility
OP Basketball Orchard Park Youth Basketball Association	Tim Fischer President Cell 904-5262 Email tim@aspenhuntingco.com	Youth basketball program	Hardwood or multi-use surface	10-15 kids per court per hour	Possibly every day but not all day	We would need M-F 5pm-9pm Sat/Sun 9am-12pm and 3-7pm	Oct-April	See notes for certain reasons outlined in notes, we don't believe we would be a major source of income for the facility although we could give away money to cover basic costs.	OPABA is a 501(c)(3) non-profit organization. While we keep a strong positive bank account, our structure requires us to basically spend all proceeds that come in. We intentionally keep our registration costs low so that anyone can play. We believe that we are the best value in the area when it comes to cost vs playtime. We currently use OP school gyms and occasionally other gyms including the Hub. Because of our non-profit status, we are able to use OP schools at no charge M-F and pay \$50/hour on Sat/Sun. The Hub costs us \$20/hour. OP Boys & Girls charges us about the same. If a field house was built with a court, we could use it as well.

Brush Mountain - Field House Users Group Program Needs									
User Group	Representative Name, and Contact Information	Type of Program	Type of Play Surface Desired	Number of participants per session	Days of Week Requested	Time of Day Requested	Program Season	Duration	Estimated Annual Revenue Generation for Facility
Orchard Park Soccer	Tom Hanlon Mike Clough	Youth Soccer	Turf	It would depend on the size of the field. Each team has 16-18 players and we utilize 4 fields at a time at Saklens.	M-F Sat/Sun	5:30-9:30pm 9am-8pm	November-April	Typically 60-90 minute training sessions	we currently pay Saklens around \$36,000 per year. Estimated revenue would depend on how much of that training time we could move to the new facility.



site analysis

Site



Site Location



Site Testing - Field House

- Field house size 132'x365'=48,180 sf
- Total Building size = 100,000 sf
- Combined gym/fieldhouse for basketball and other small activities
- No track



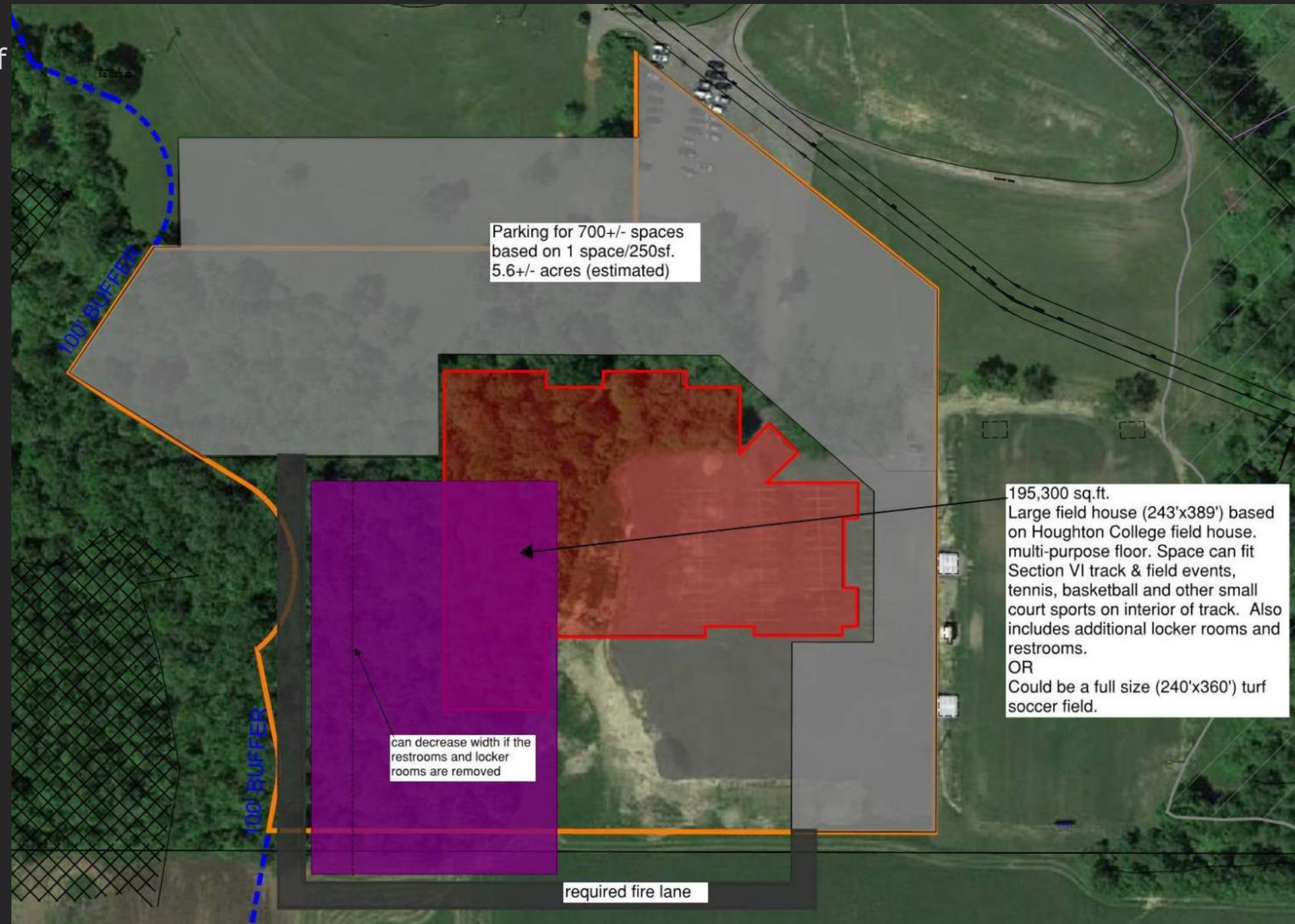
Site Testing - Field House

- Field house size 210'x310'=65,100 sf
- Total Building size = 145,570 sf
- Separate gym & fieldhouse
- Walking track



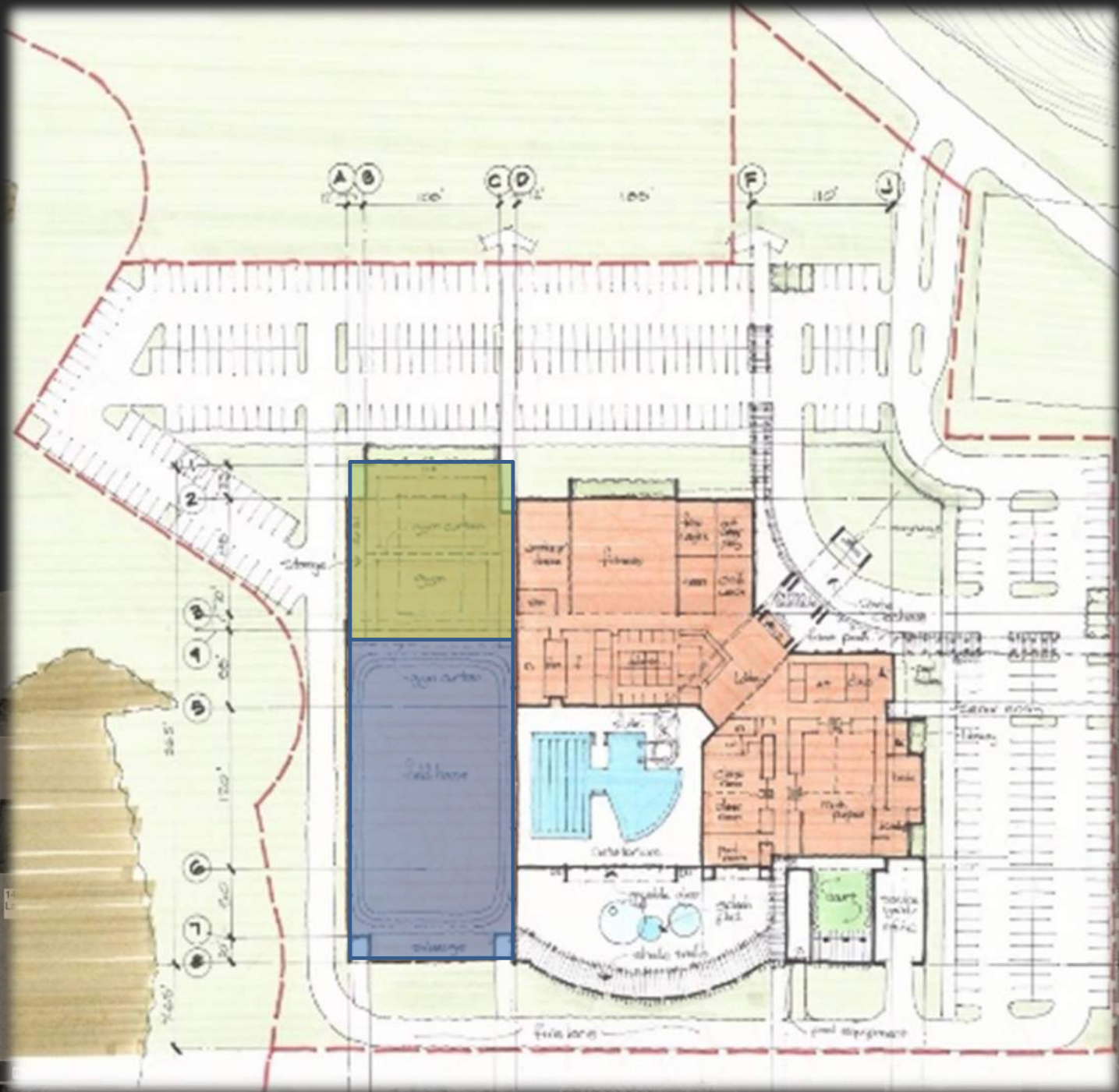
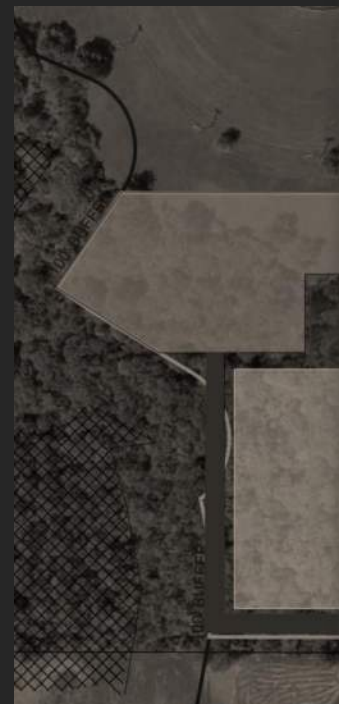
Site Testing - Field House

- Field house size $243' \times 389' = 94,527$ sf
 - Total Building size = 195,300 sf
 - Separate gym & field house
 - Based on Houghton College field house for Section VI track & field, tennis, basketball, small activities
 - Additional lockers and restrooms
- OR
- Full size turf soccer field



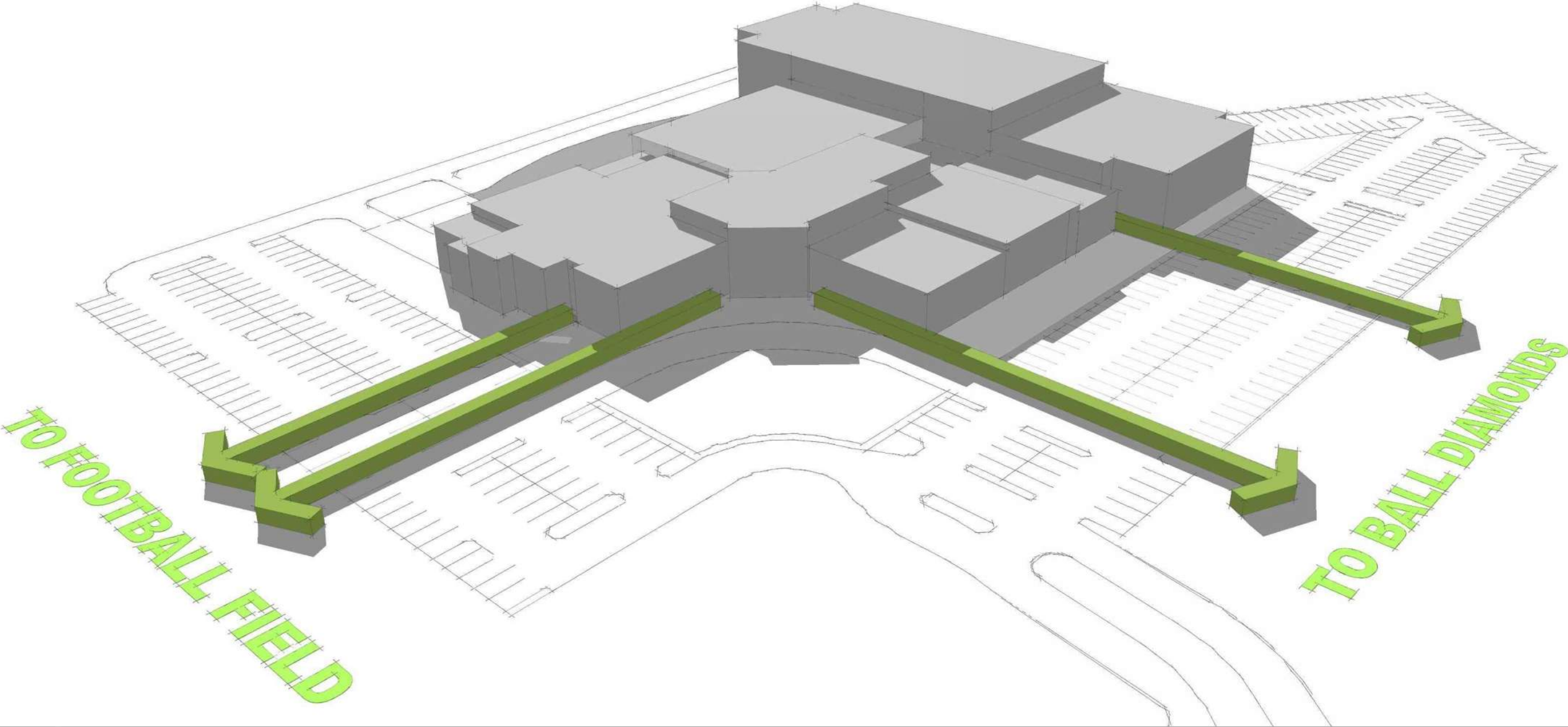
Site Testing - Field House

- Final field house size $132' \times 365' = 48,180$ sf
- Total Building size = 142,760 sf
- 2 gymnasiums with multi-purpose floors & divider curtains
- Field house with turf practice field, divider curtains, multi-purpose surface walking track



195,300 sq. ft.
Large field house (243'x389') based on Houghton College field house, multi-purpose floor. Space can fit Section VI track & field events, tennis, basketball and other small court sports on interior of track. Also includes additional locker rooms and restrooms.
OR
Could be a full size (240'x360') turf soccer field.

Site Connections



Pedestrian Connections



goals + key issues



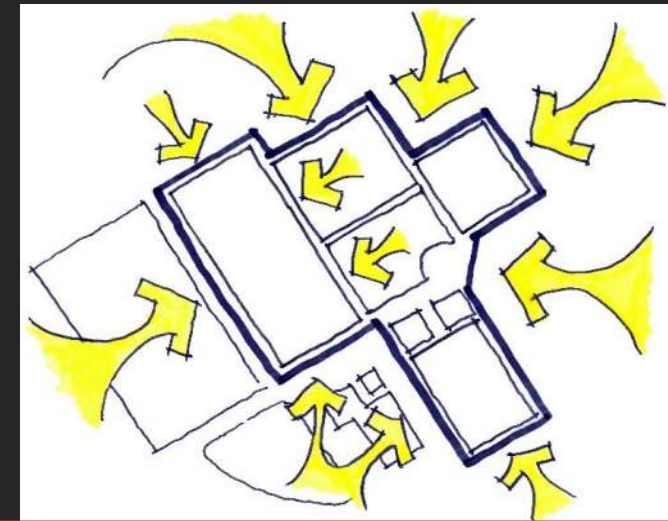
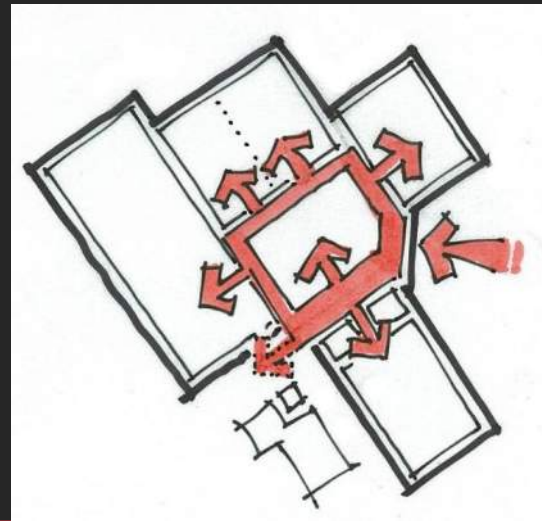
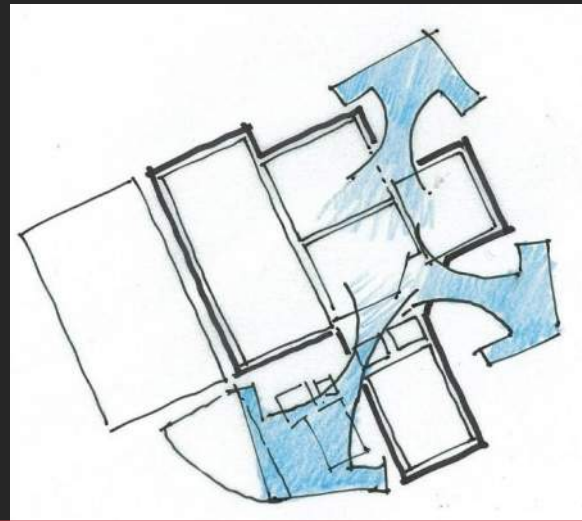
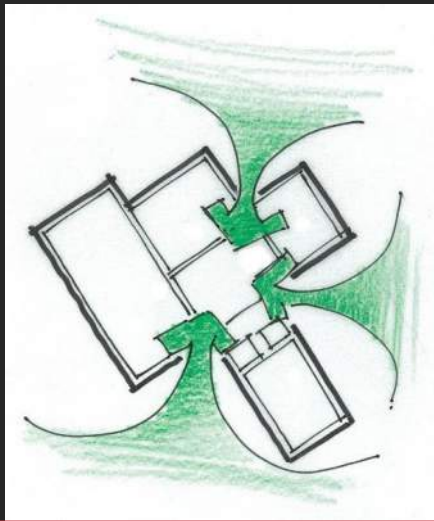
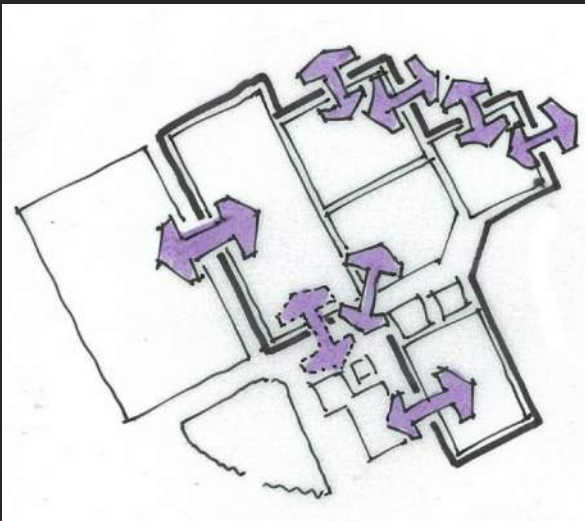
Goals

- Provide the Orchard Park public with a state-of-the-art multi-generational community center addressing the community's needs
- Acknowledge contextual features of the site
- Create a dynamic focal point & landmark to identify the park
- Create logical phasing of building and site.

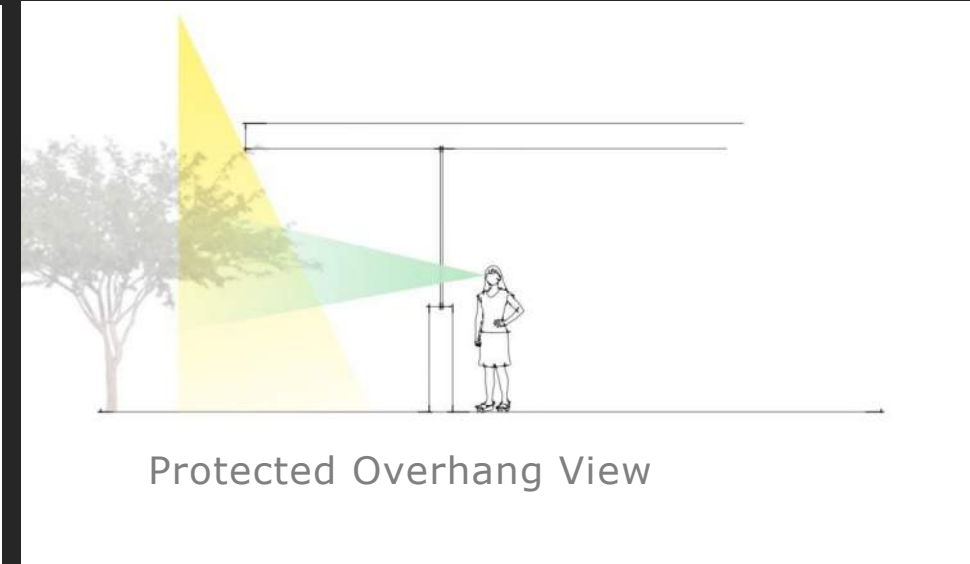
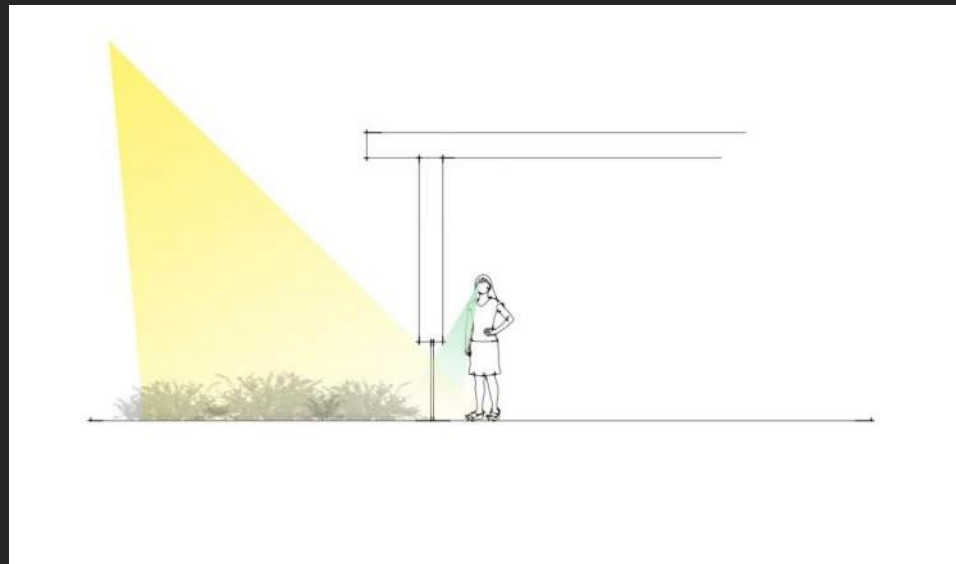
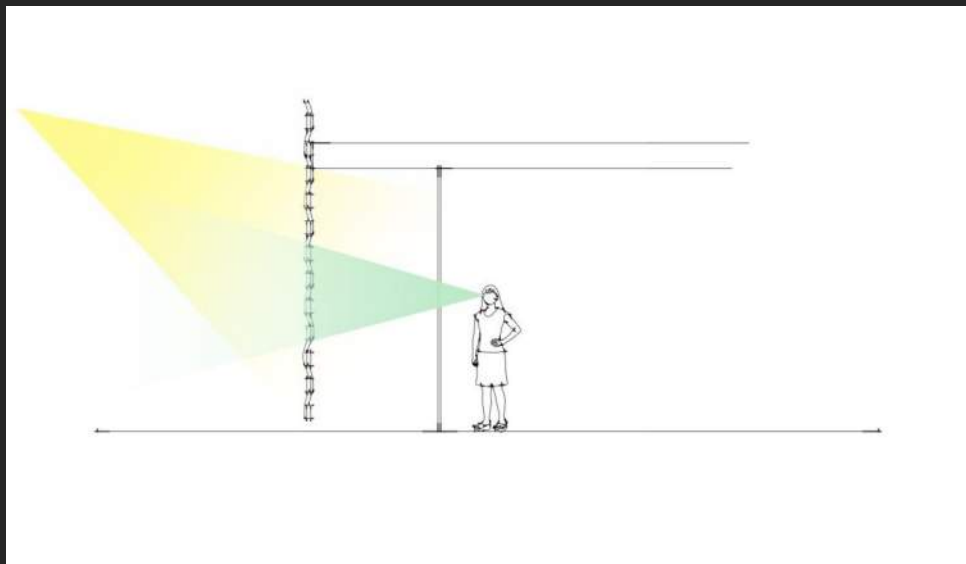
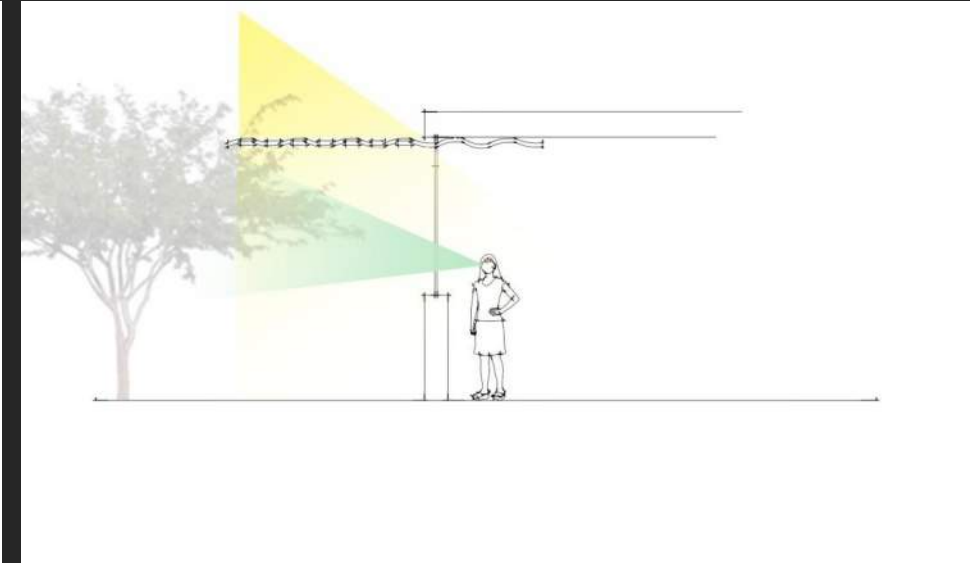
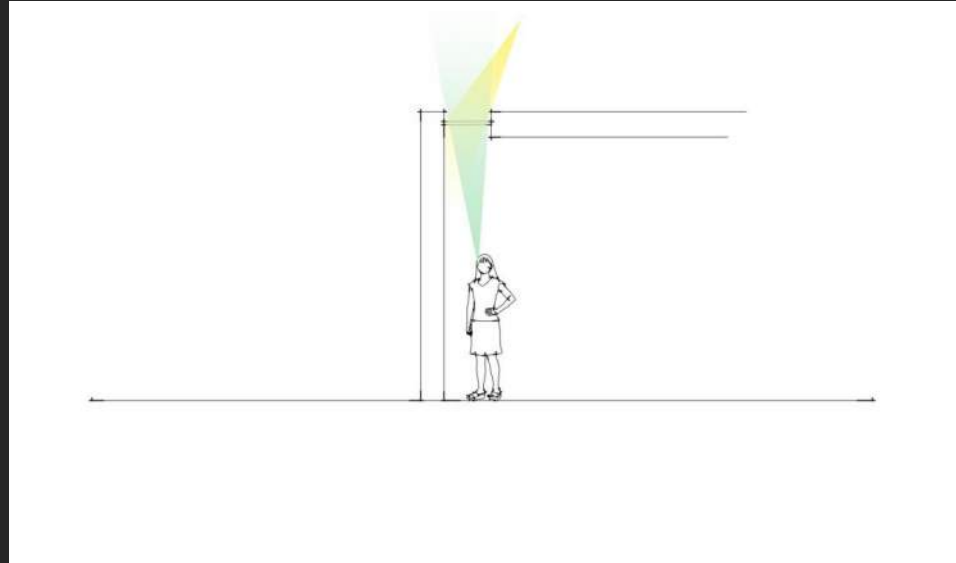
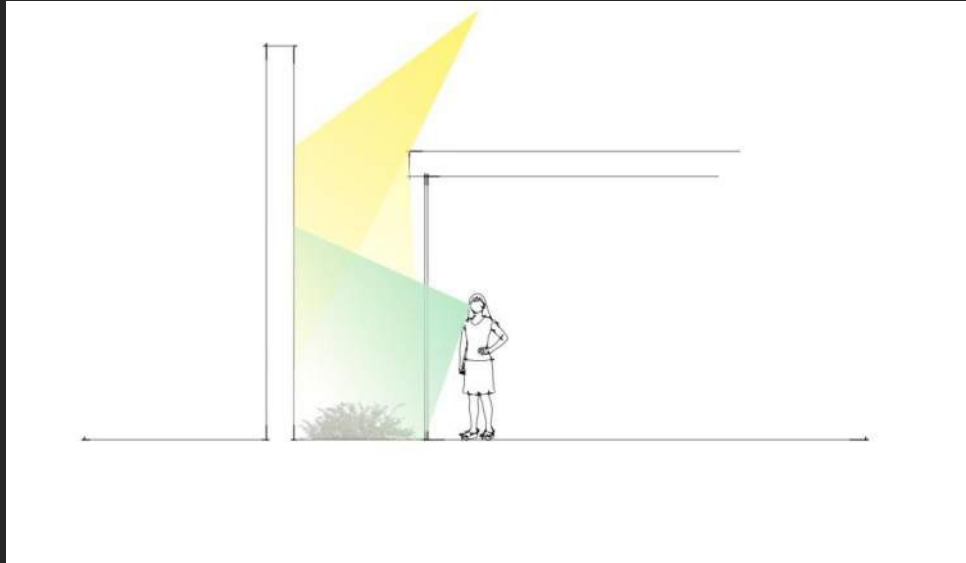


Key Issues

- Collaboration
- Solar orientation
- Daylighting
- Views
- Sustainability
- Parking for new facility and existing site features
- Clearly delineate safe pedestrian routes



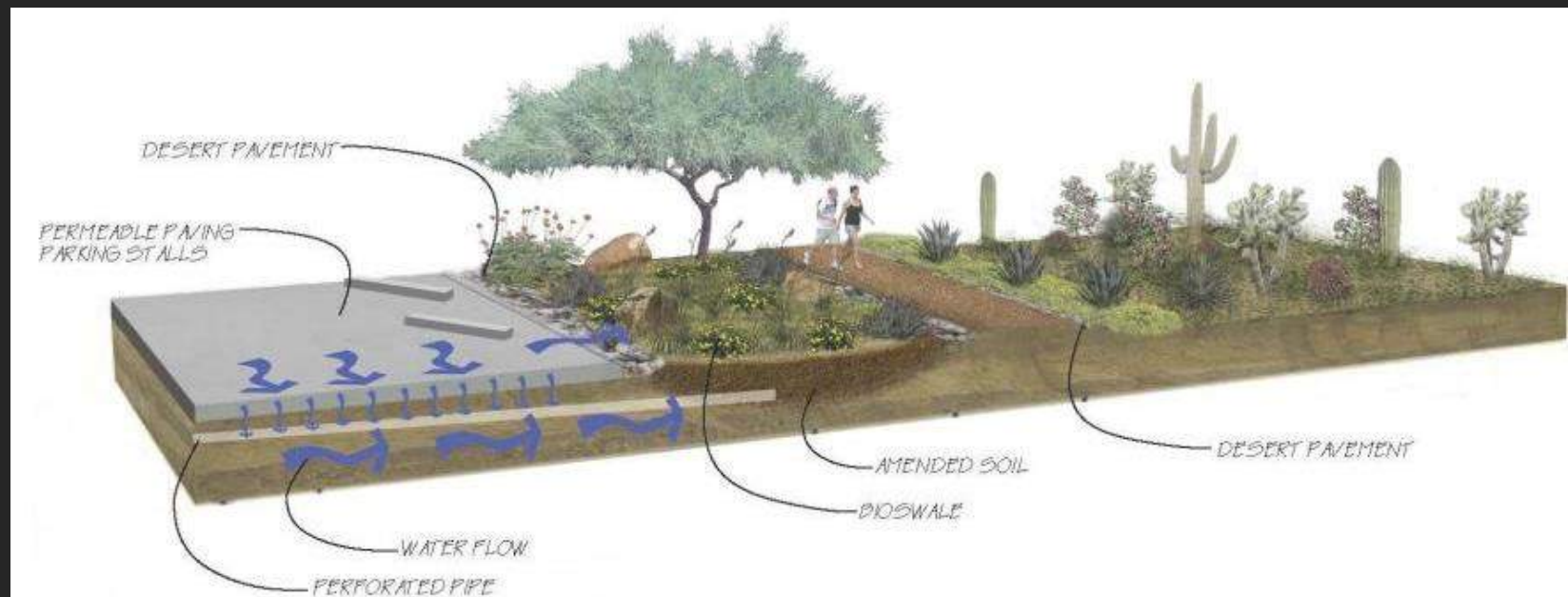
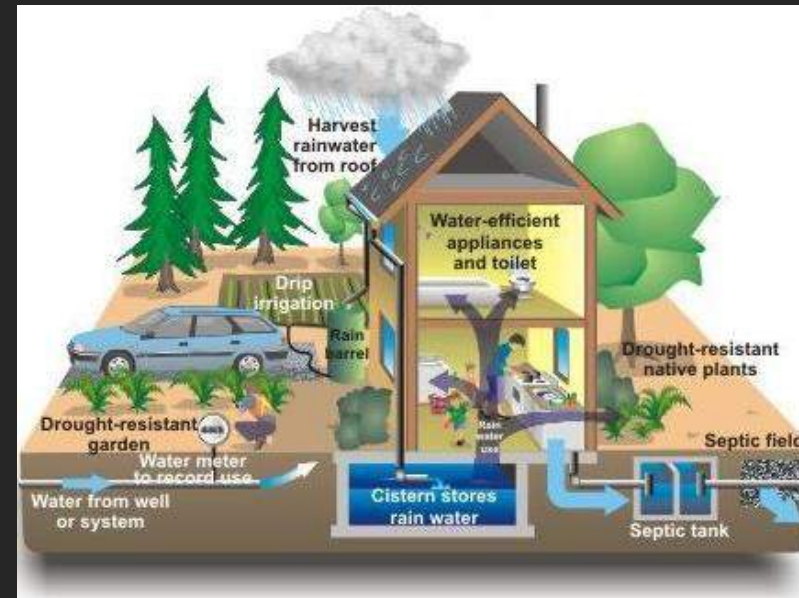
Daylighting



Protected Overhang View

Sustainability – Low Impact Site Strategies

- Preserve Natural Area Open Space (NAOS)
 - Salvage Native Landscape
 - Remediate Invasive Plants
- Reduce Urban Heat Island and Water Usage
 - Reflective Materials
 - Low maintenance Indigenous Landscape
 - Rain Barrels and Rainwater Harvesting
- Recycled and Local Materials
 - Inventory Site Materials for re-use
 - Design with local, natural, and/or recycled materials
- Preserve the Natural Hydrology
 - Reduce Impervious Surfaces
 - Vegetative Filter Strips
 - Porous Paving, Porous Concrete
 - Green Roofs

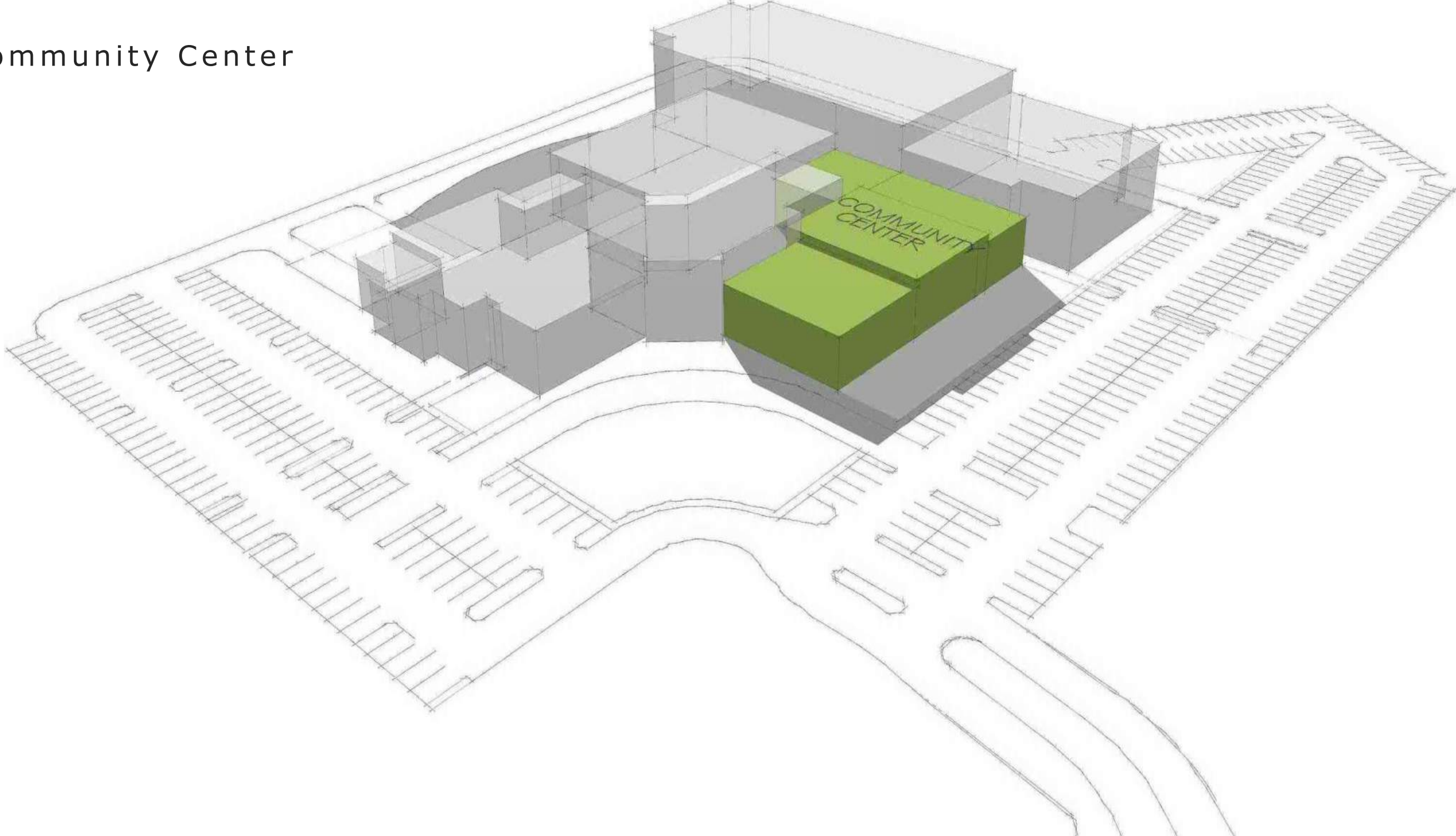


inspiration + solutions

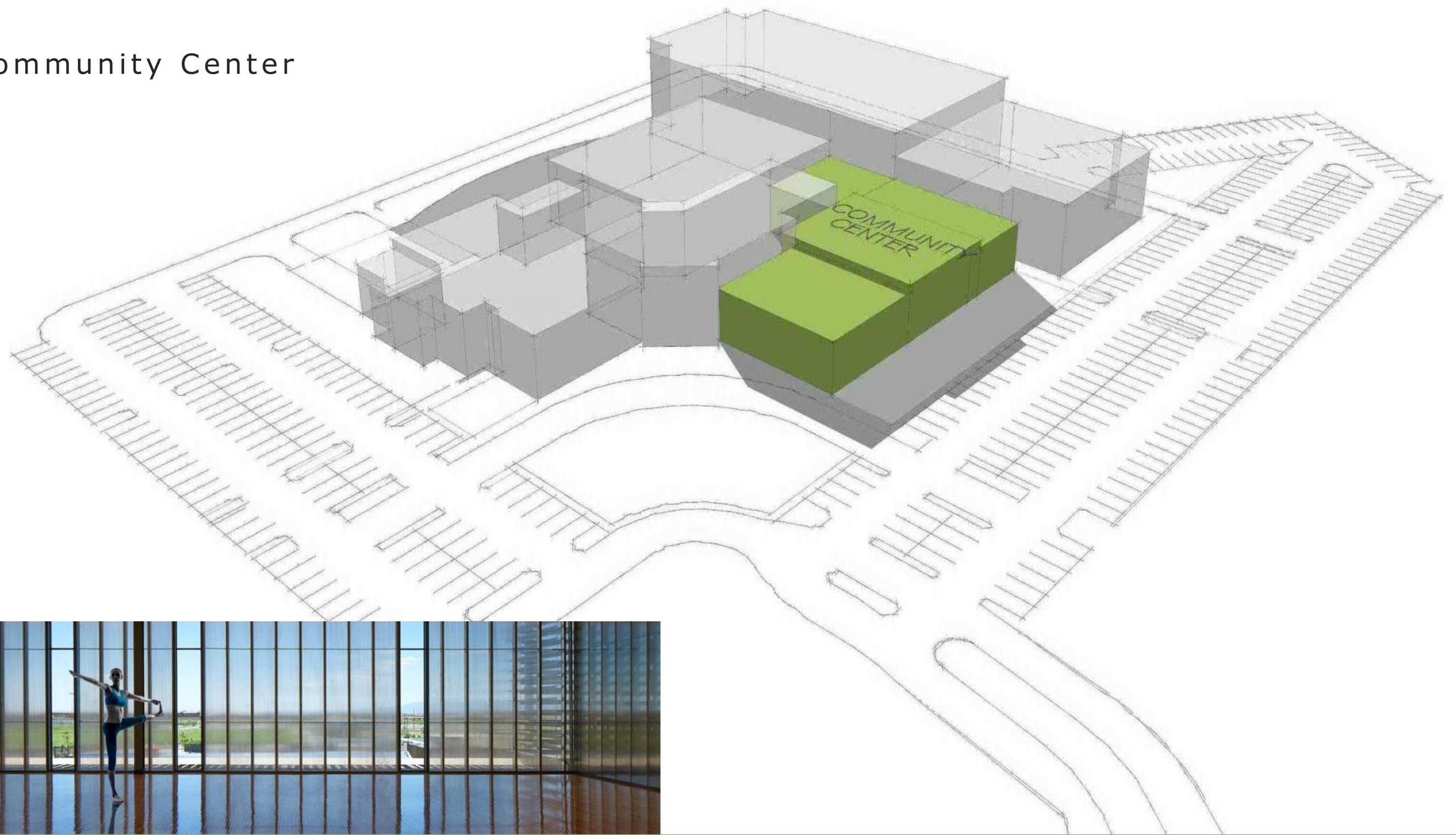


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Community Center

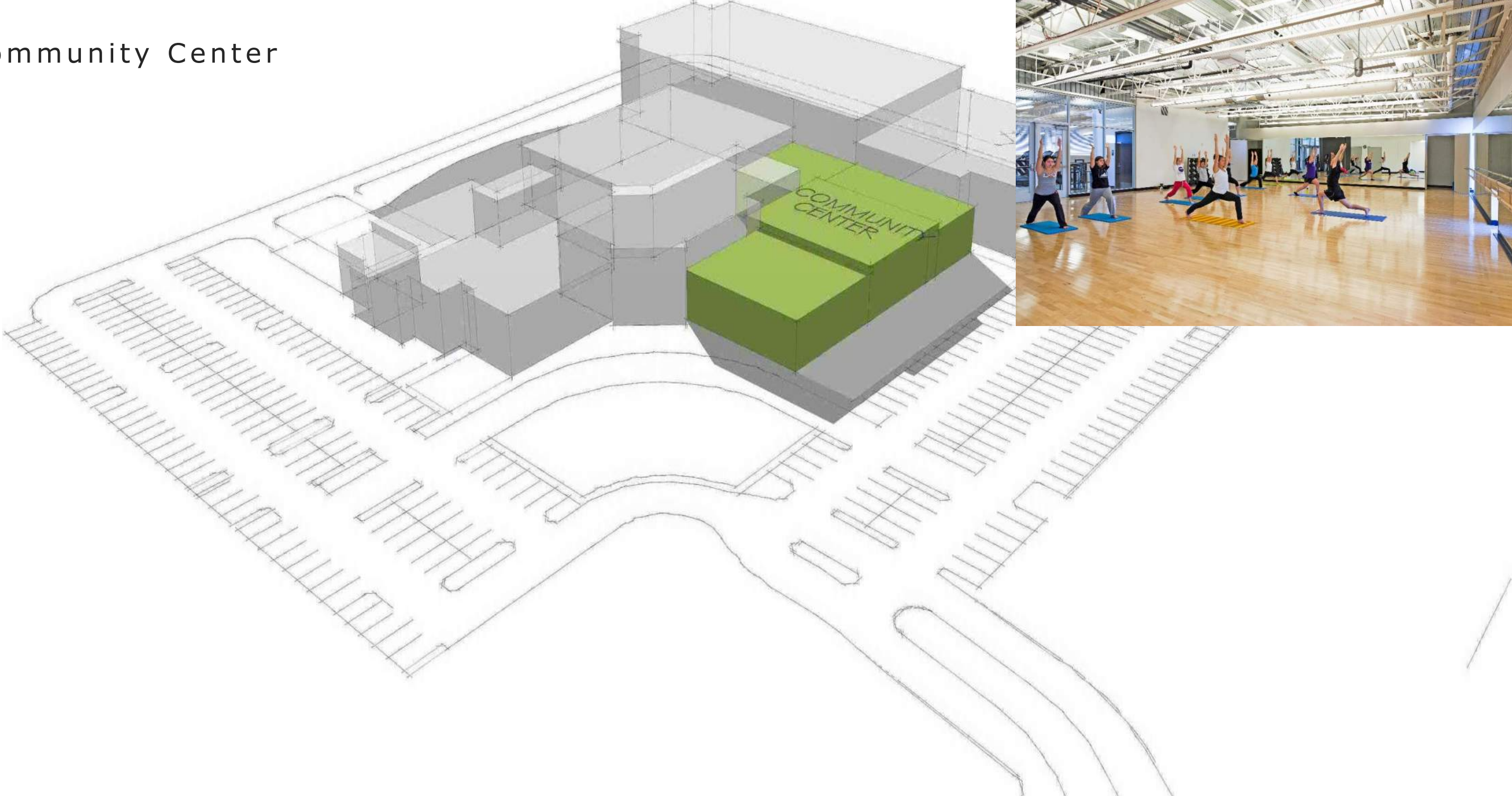


Community Center

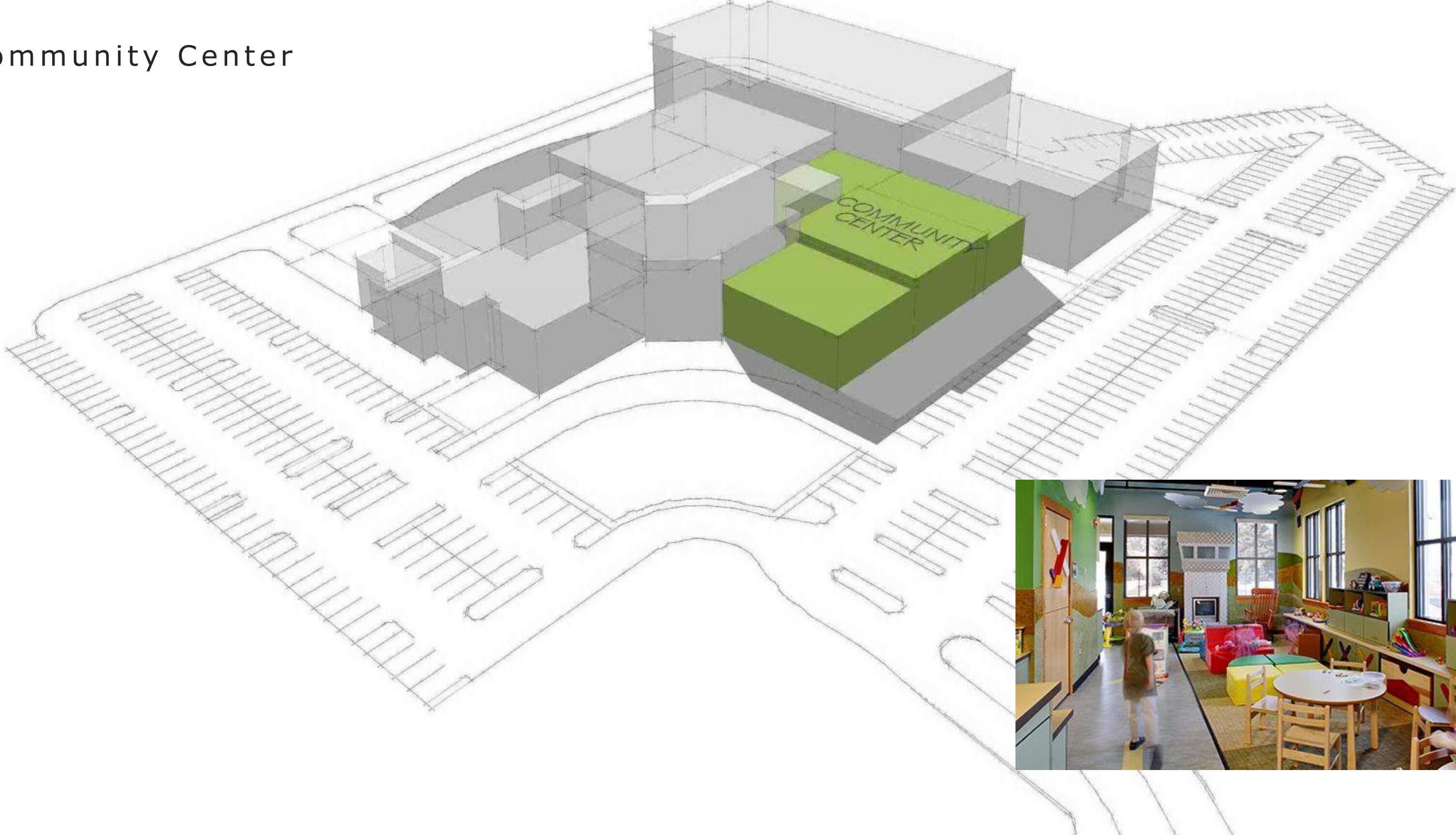


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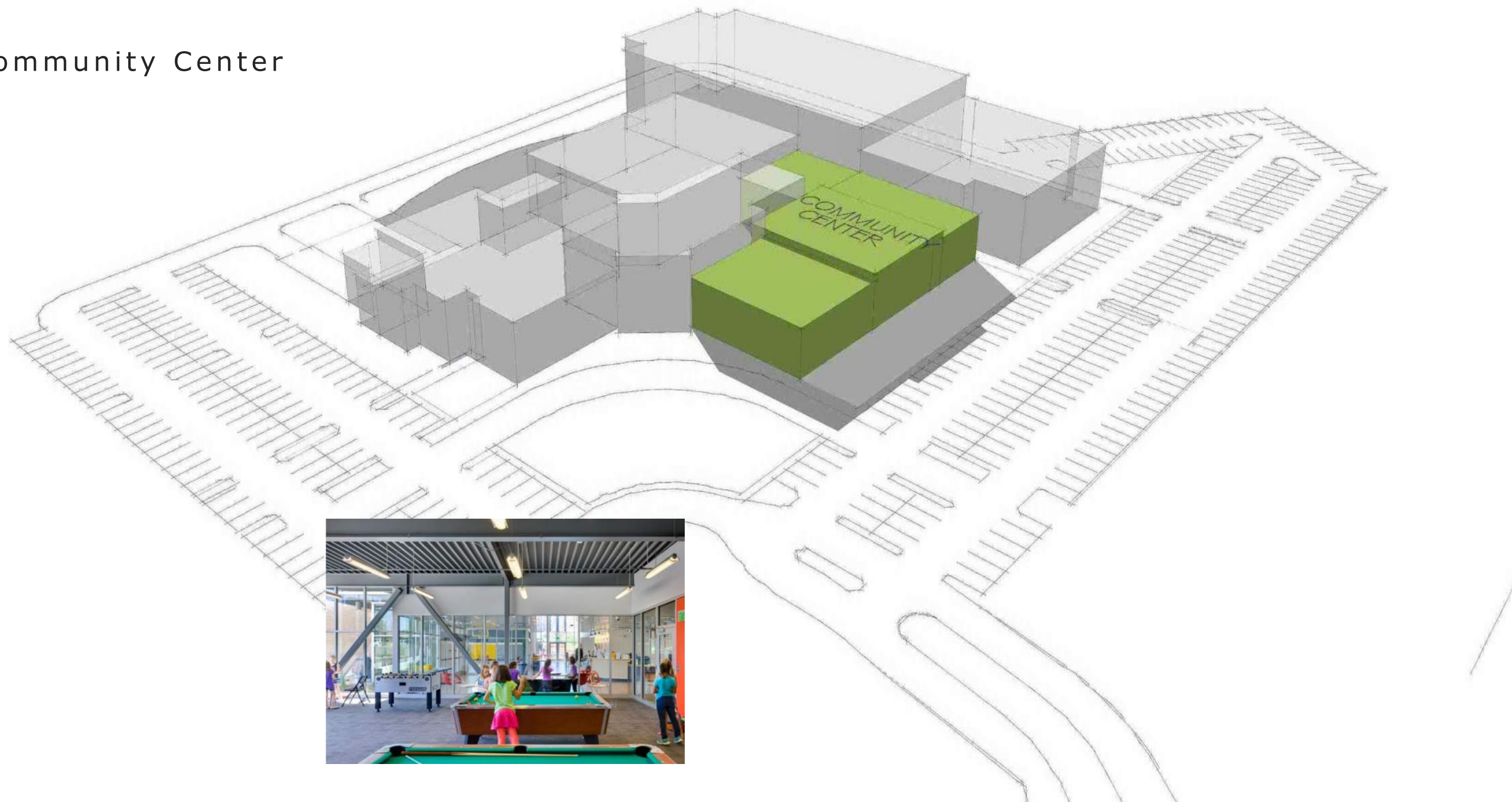
Community Center



Community Center

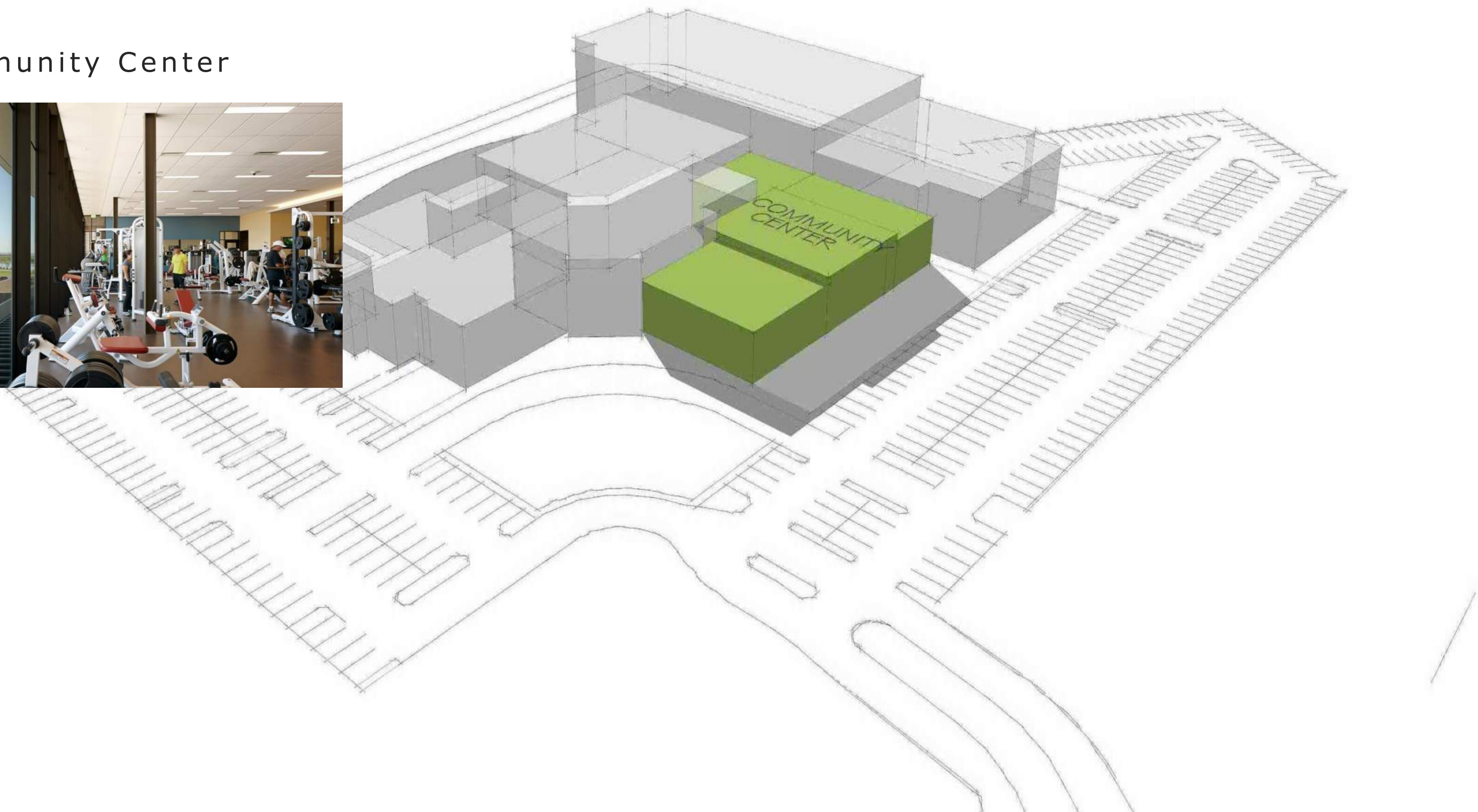


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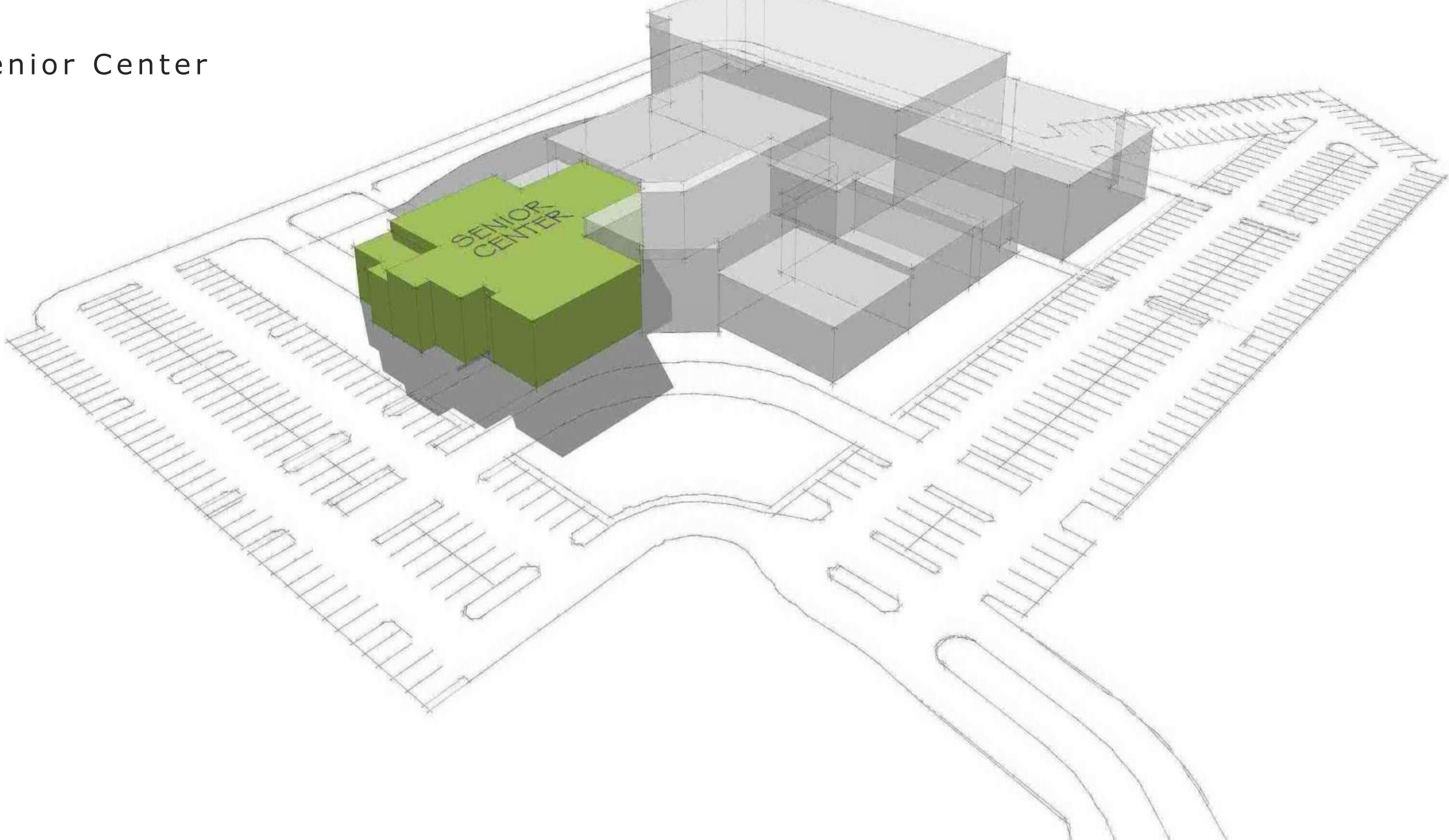


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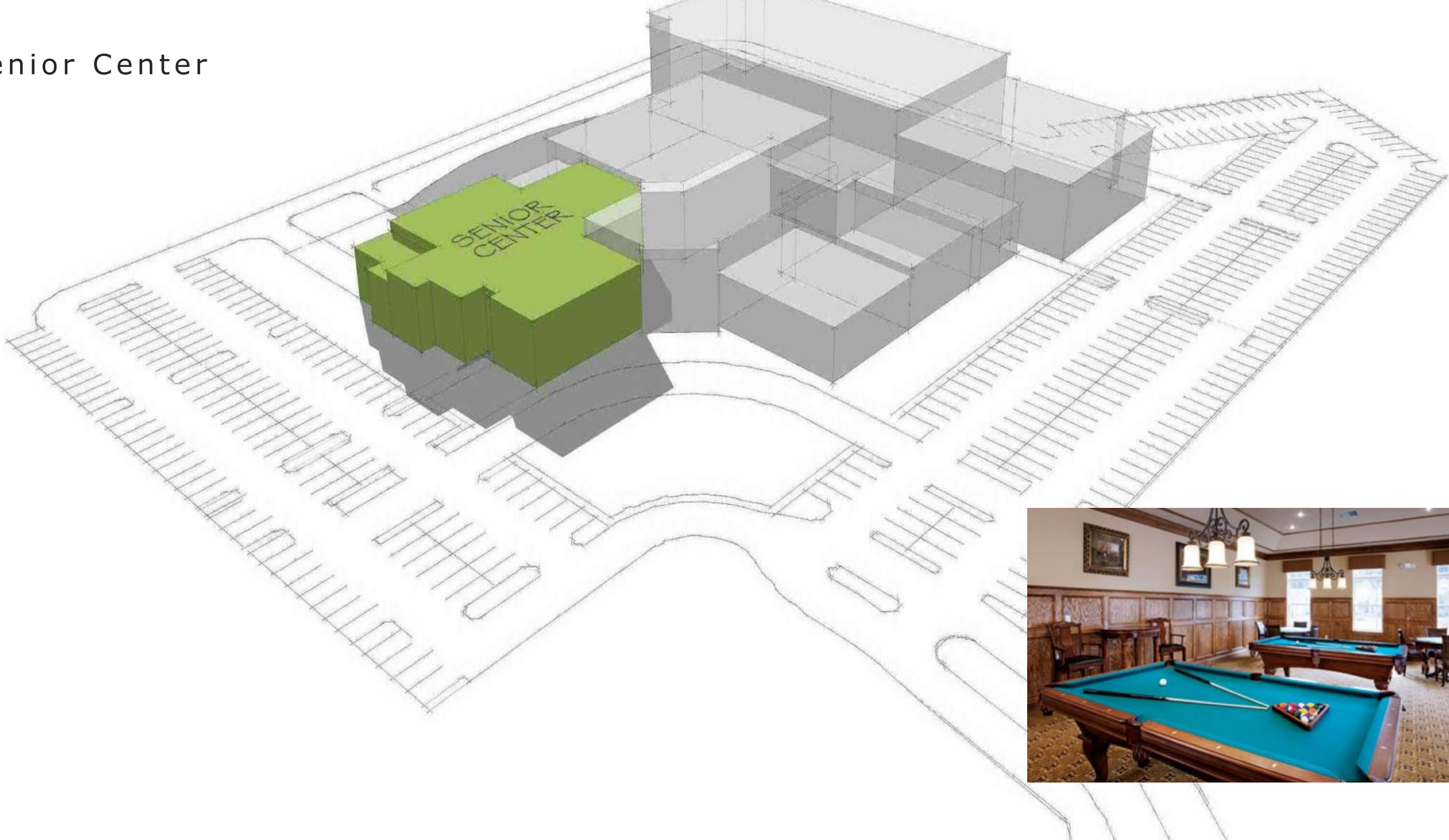
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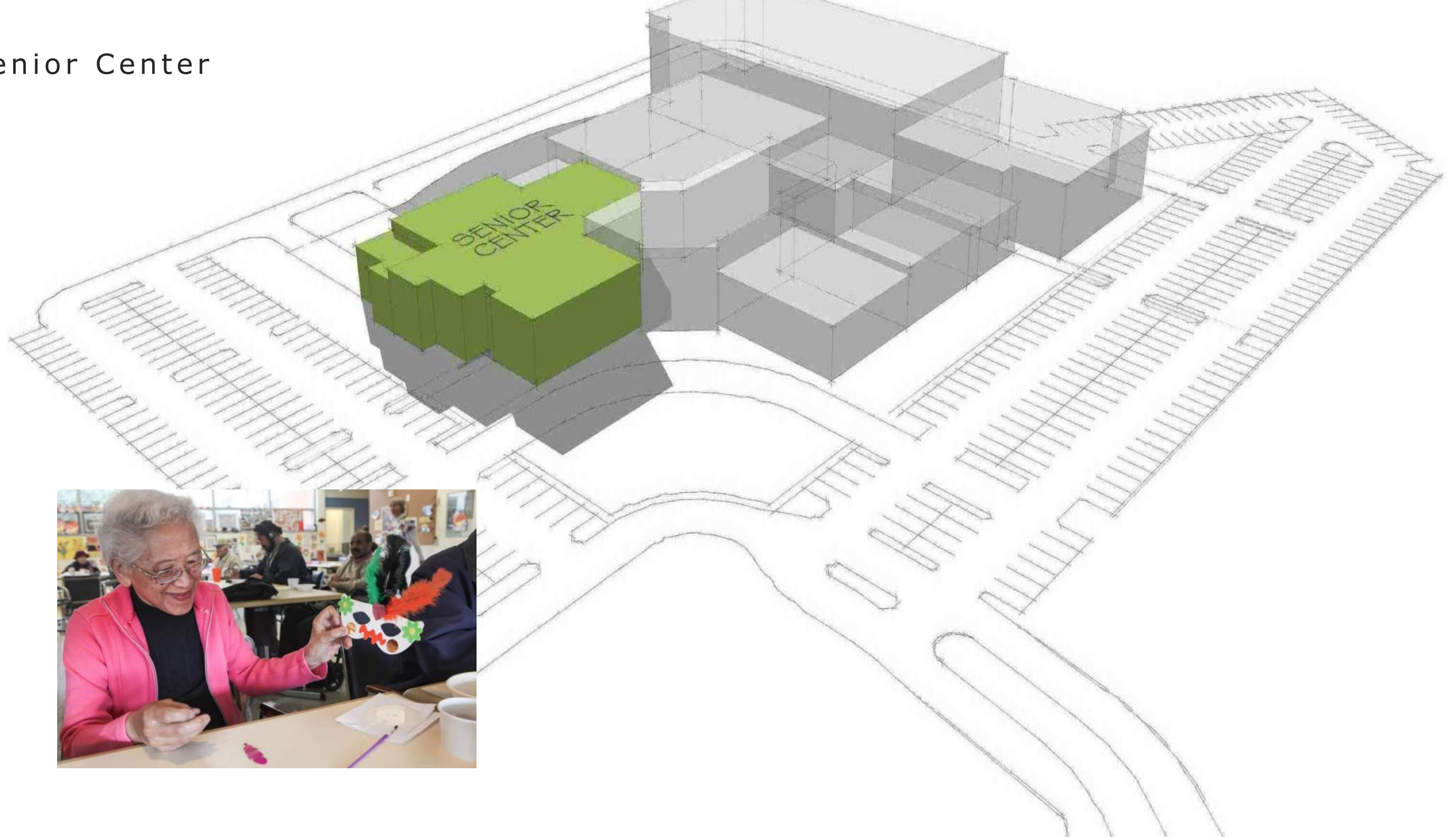
Senior Center



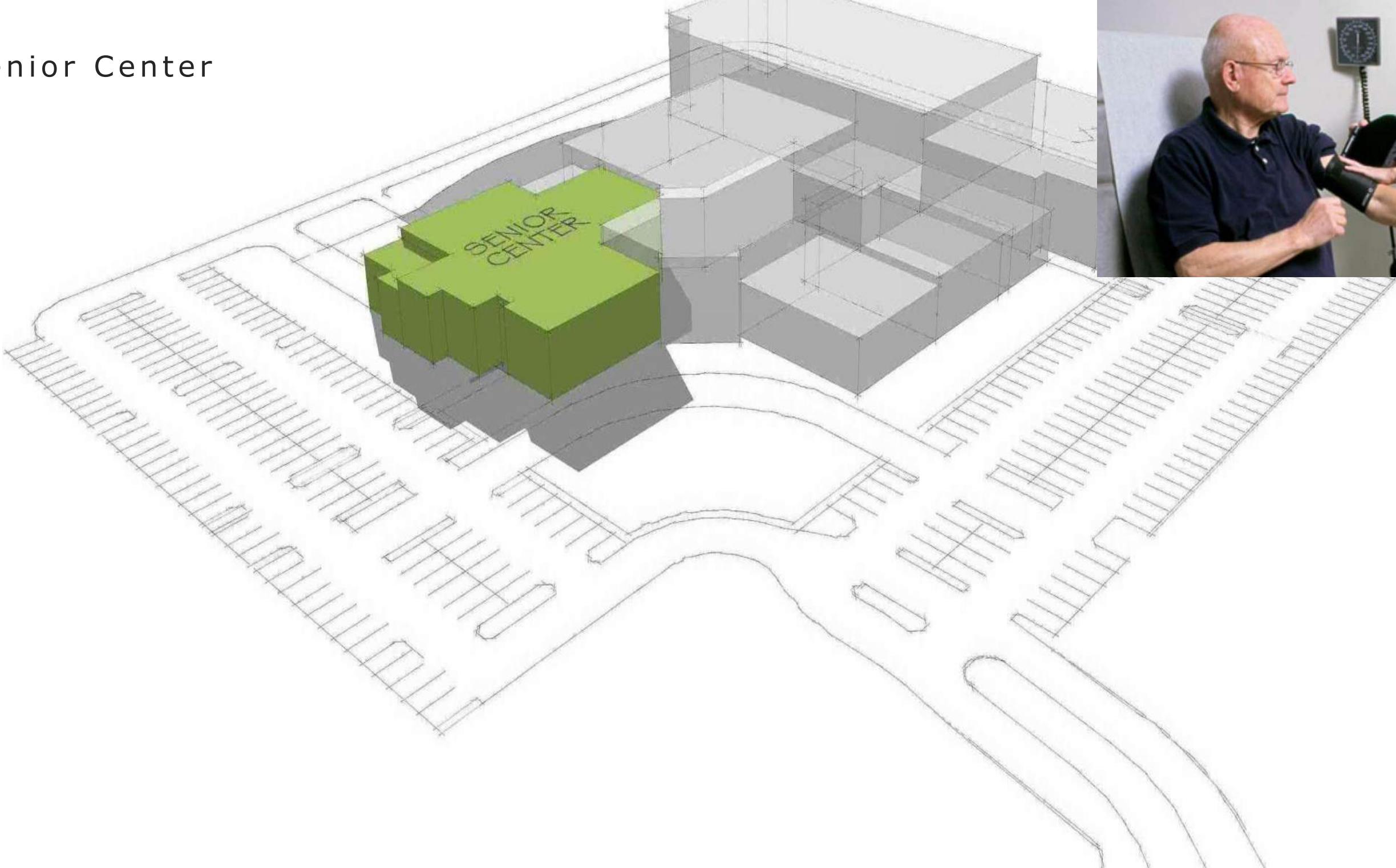
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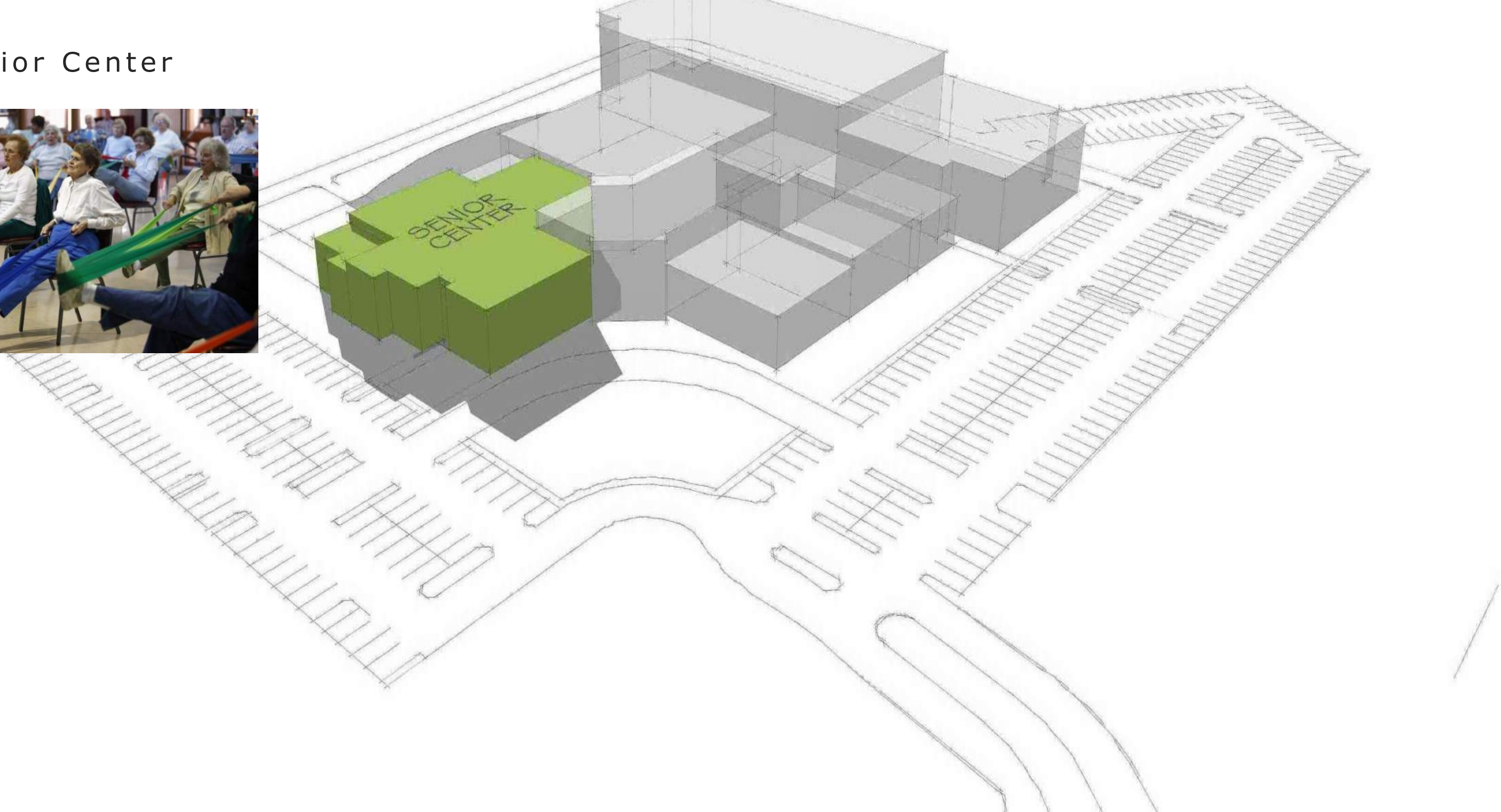
Senior Center



Senior Center

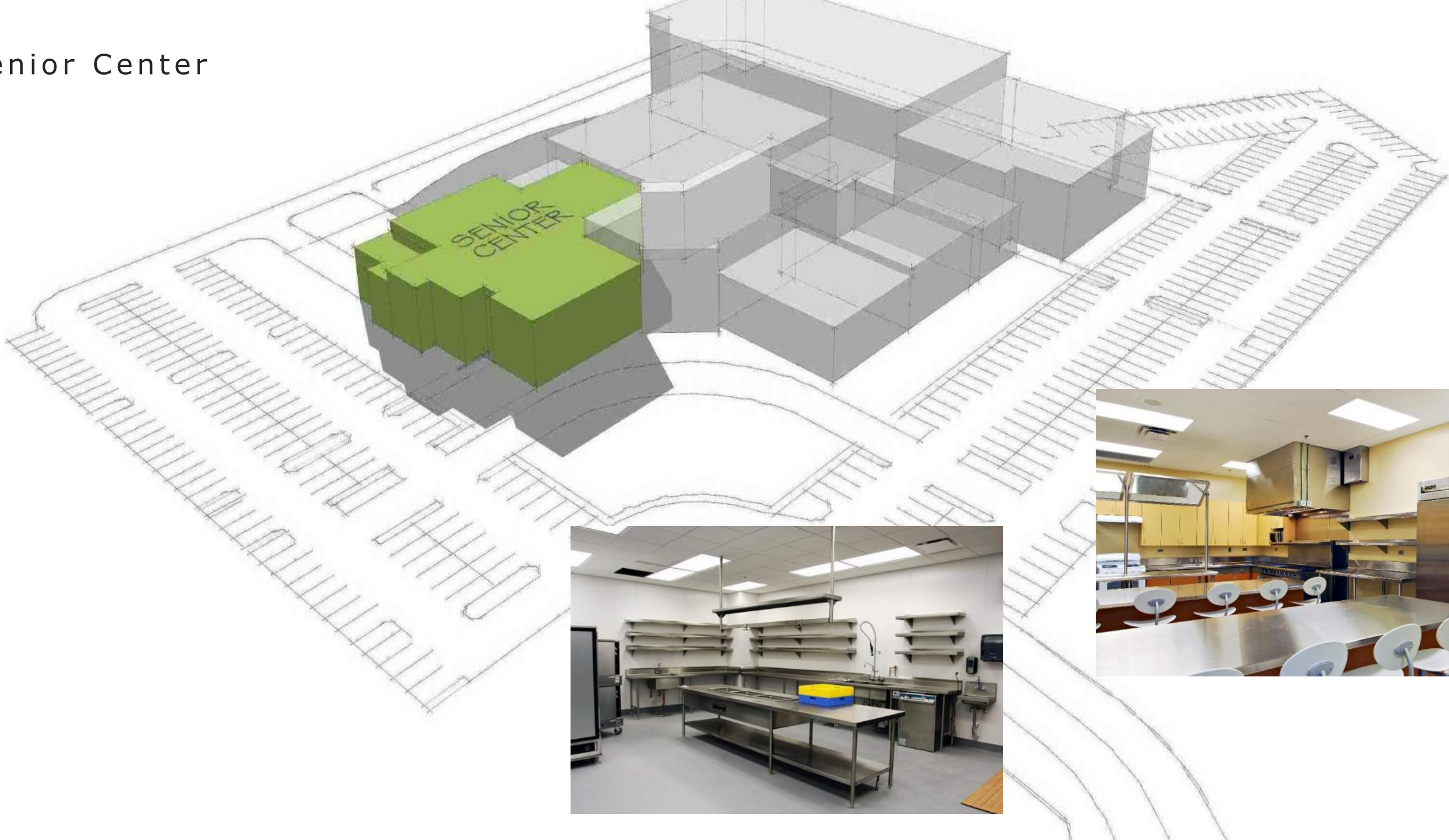


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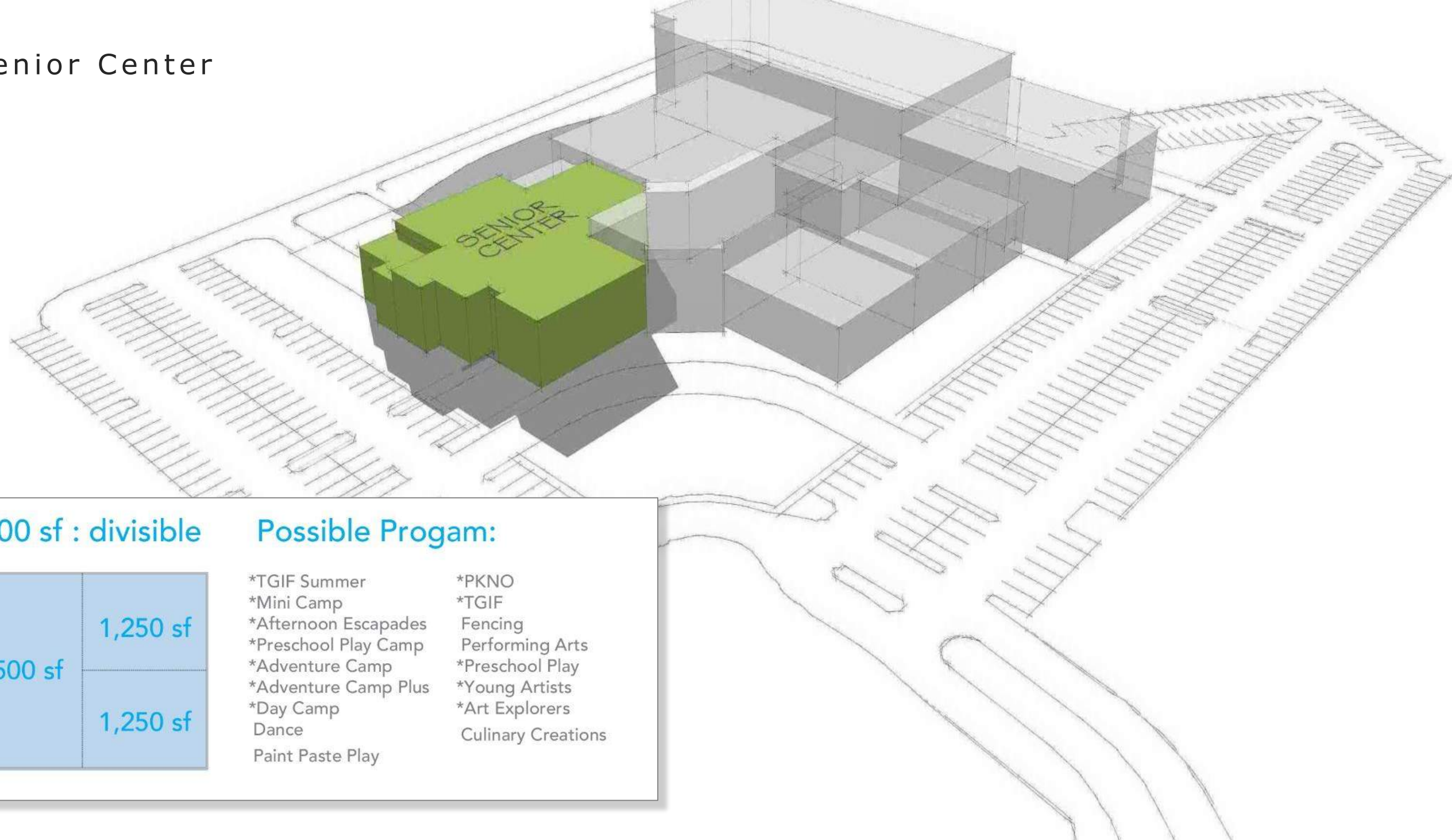


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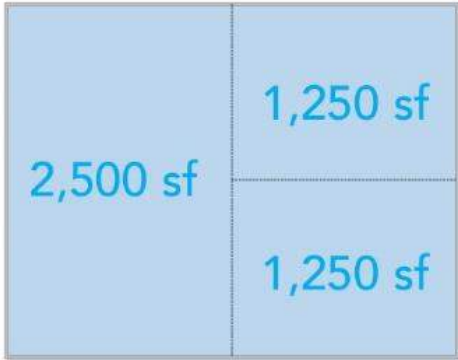
Senior Center



Senior Center



5,000 sf : divisible



Possible Progam:

- *TGIF Summer
- *Mini Camp
- *Afternoon Escapades
- *Preschool Play Camp
- *Adventure Camp
- *Adventure Camp Plus
- *Day Camp
- Dance
- Paint Paste Play
- *PKNO
- *TGIF
- Fencing
- Performing Arts
- *Preschool Play
- *Young Artists
- *Art Explorers
- Culinary Creations



Core – Entry, Lobby, Security Desk, Offices

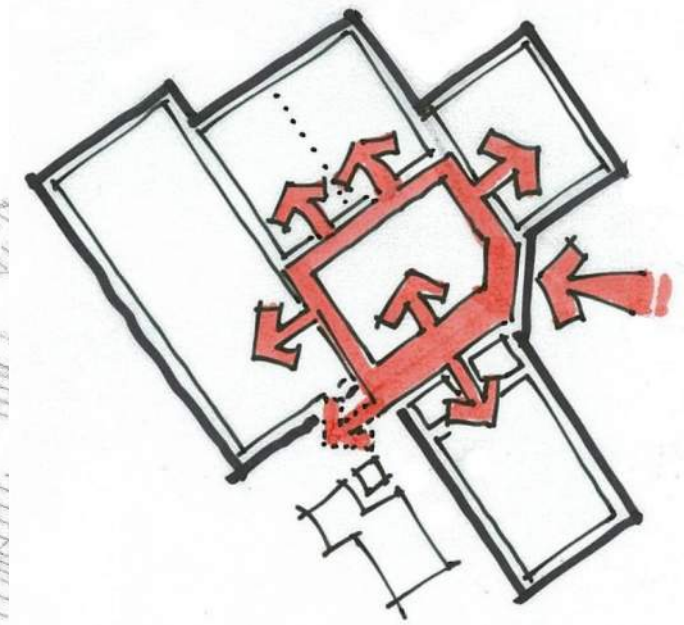


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Core – Entry, Lobby, Security Desk, Offices



Core – Entry, Lobby, Security Desk, Offices



inspiration + solutions

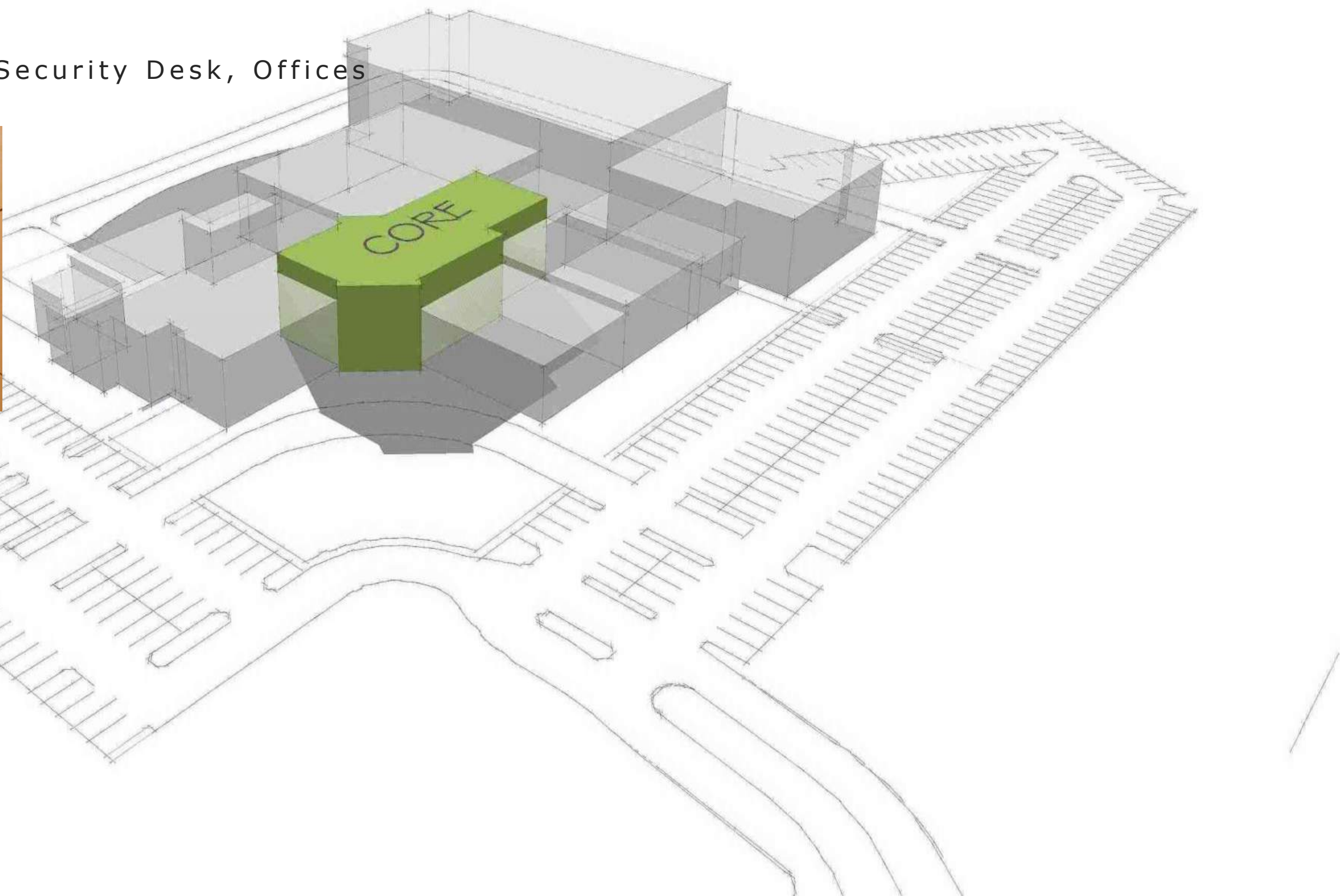
Core – Entry, Lobby, Security Desk, Offices



Core – Entry, Lobby, Security Desk, Offices

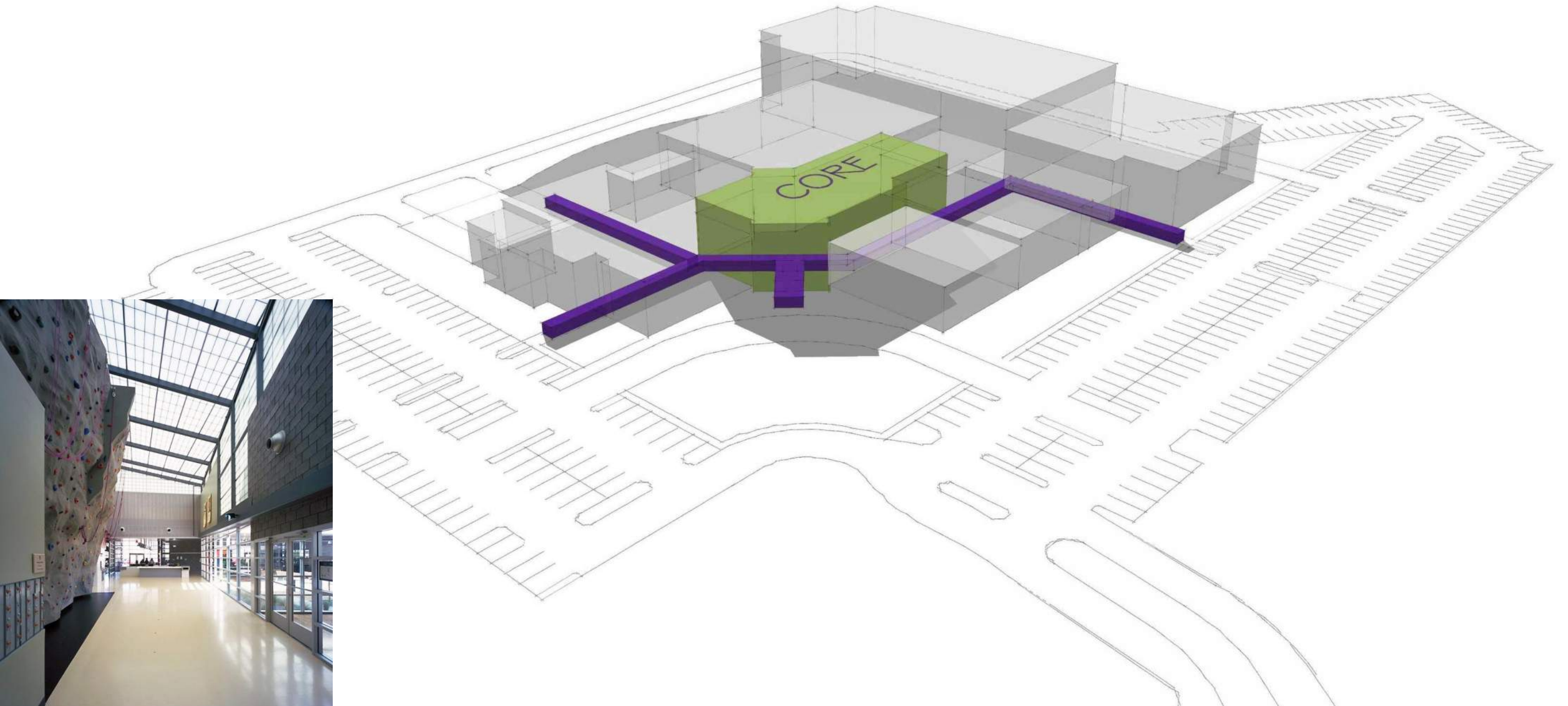


Core – Entry, Lobby, Security Desk, Offices



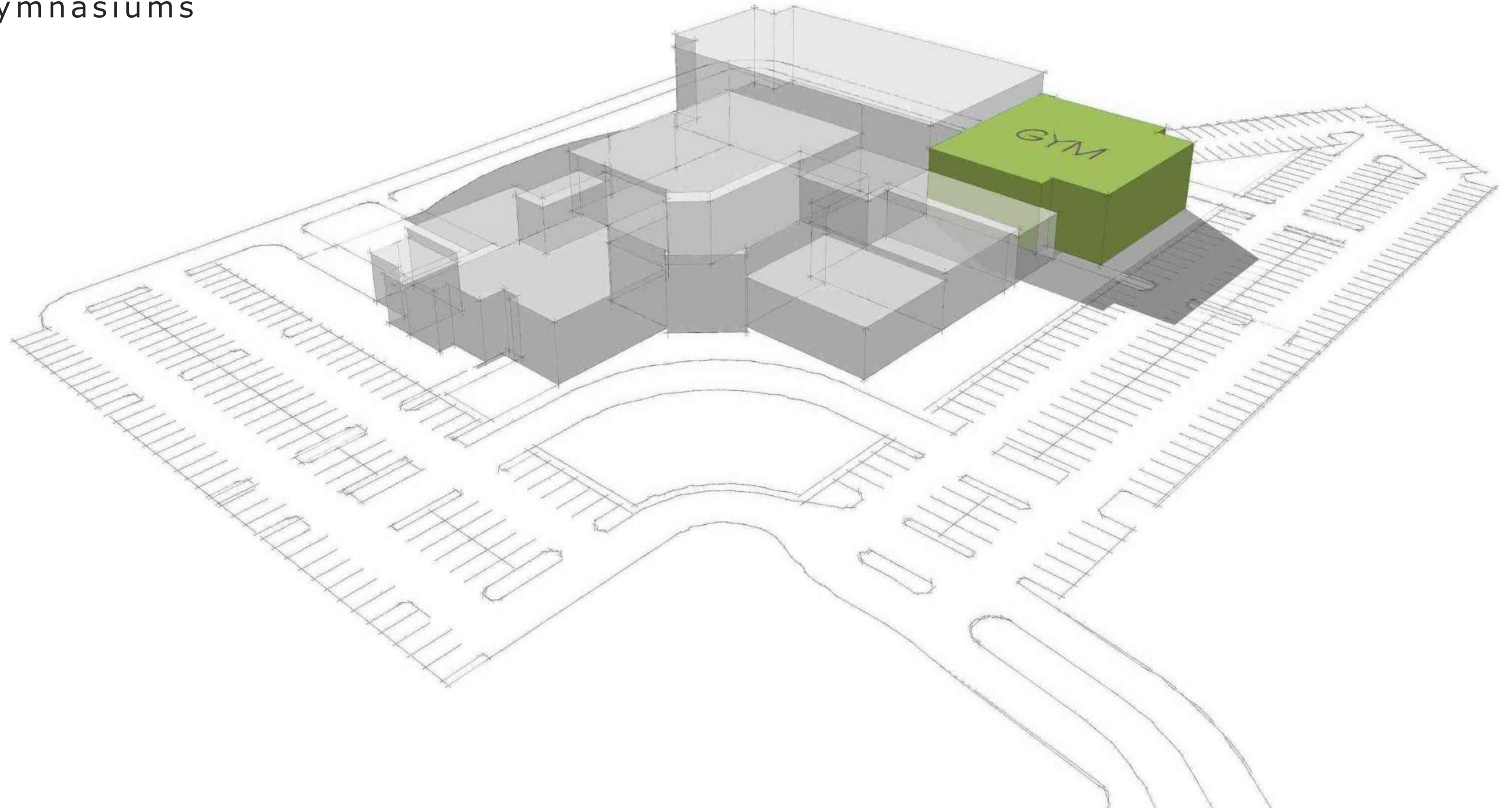
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Core - Circulation

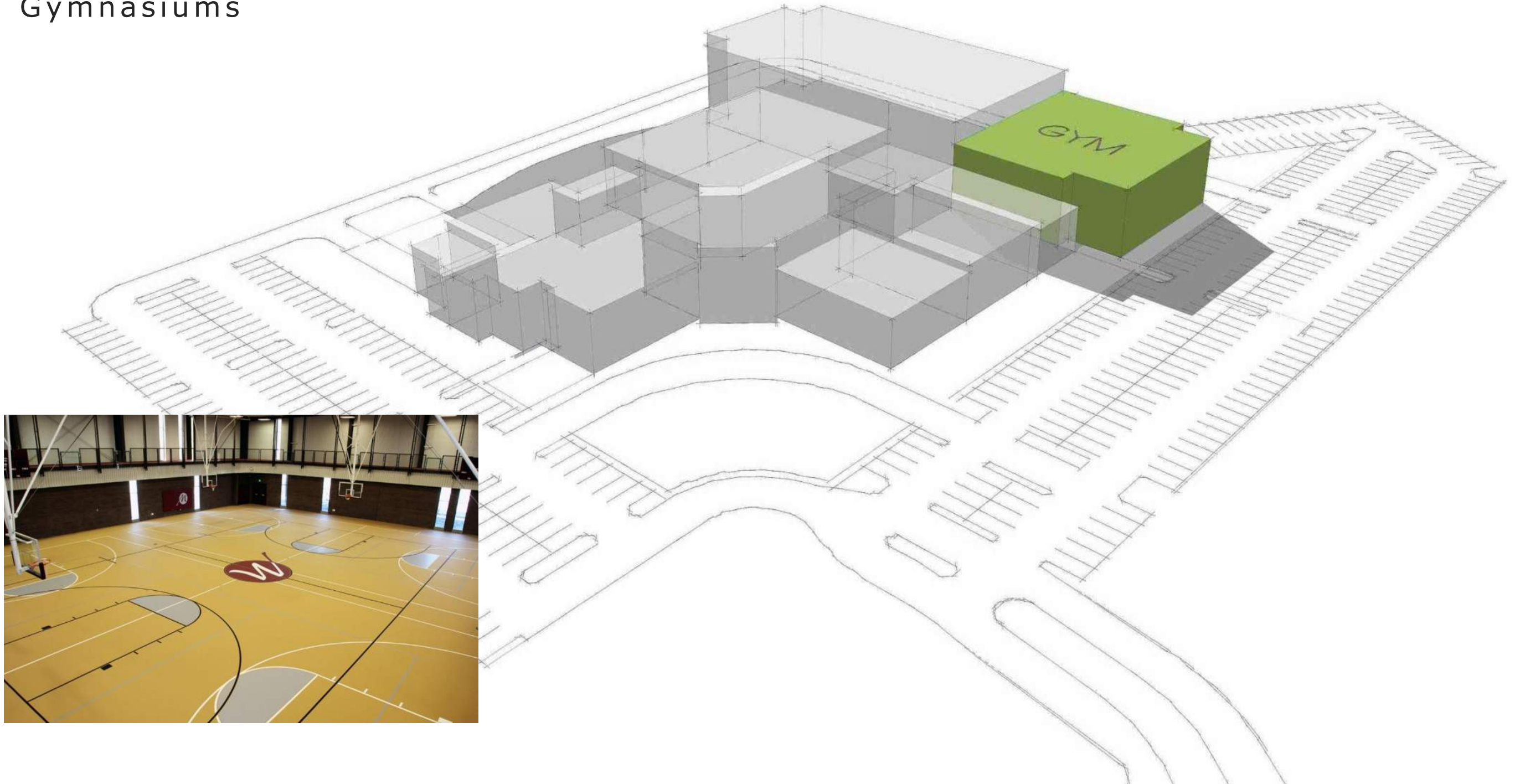


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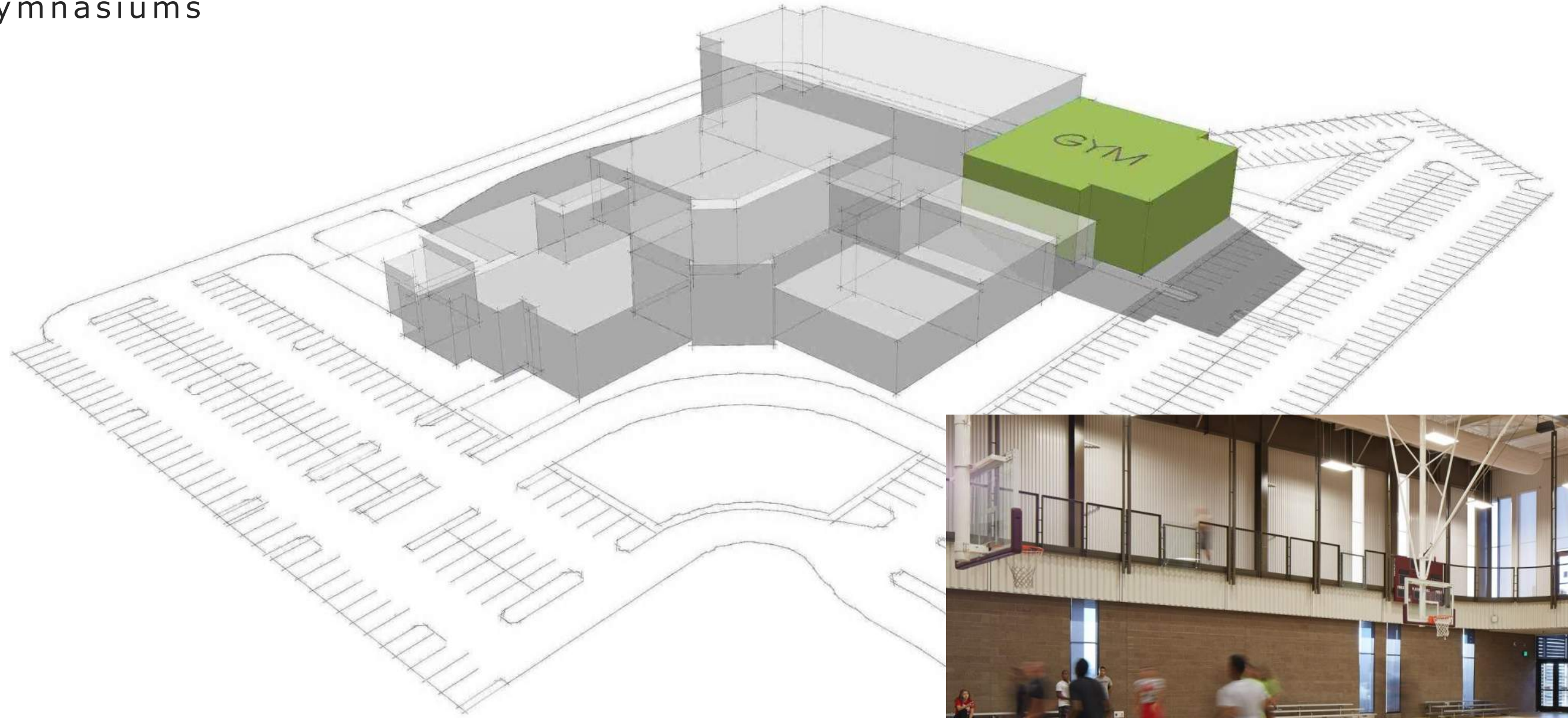
Gymnasiums



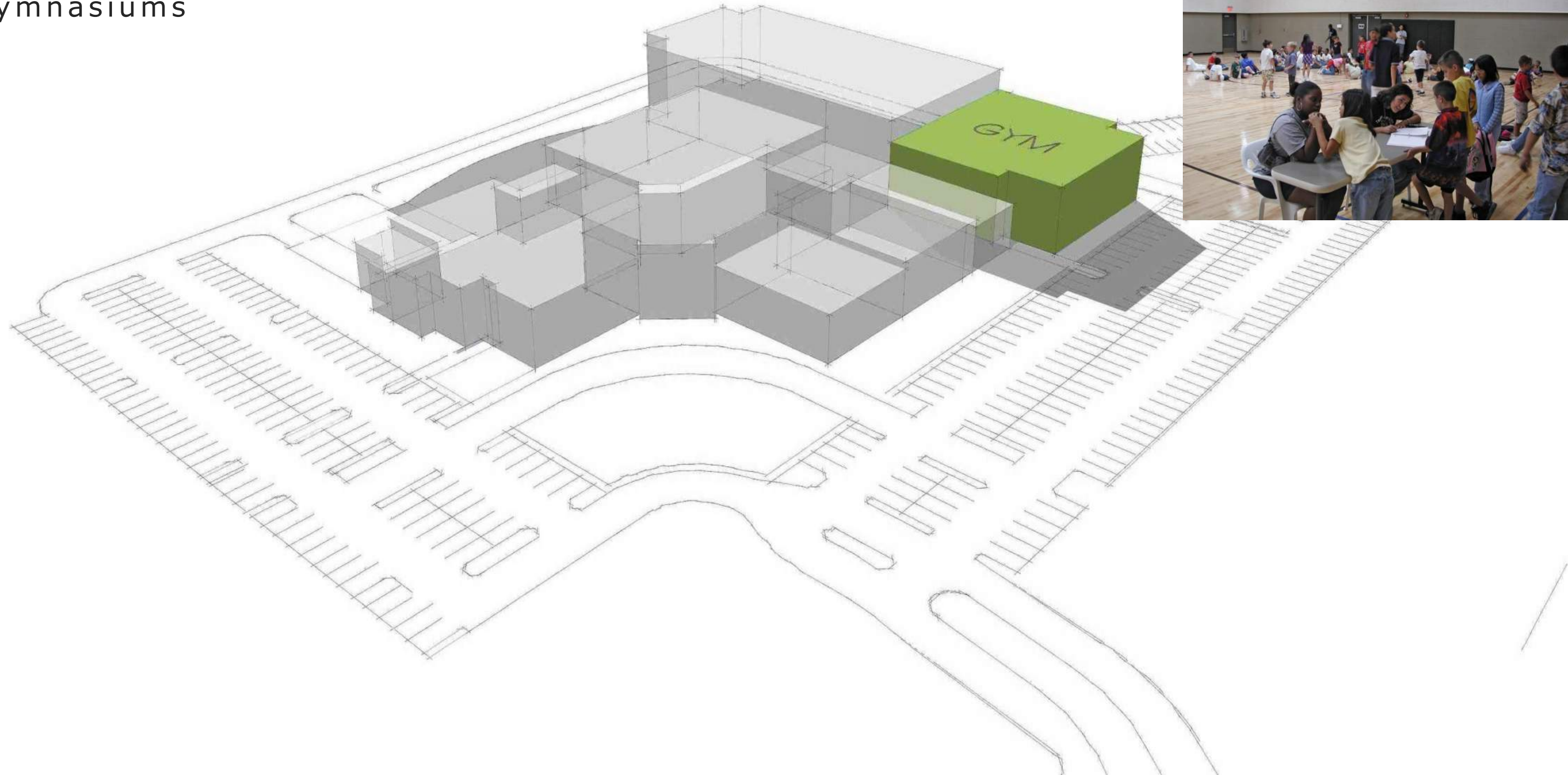
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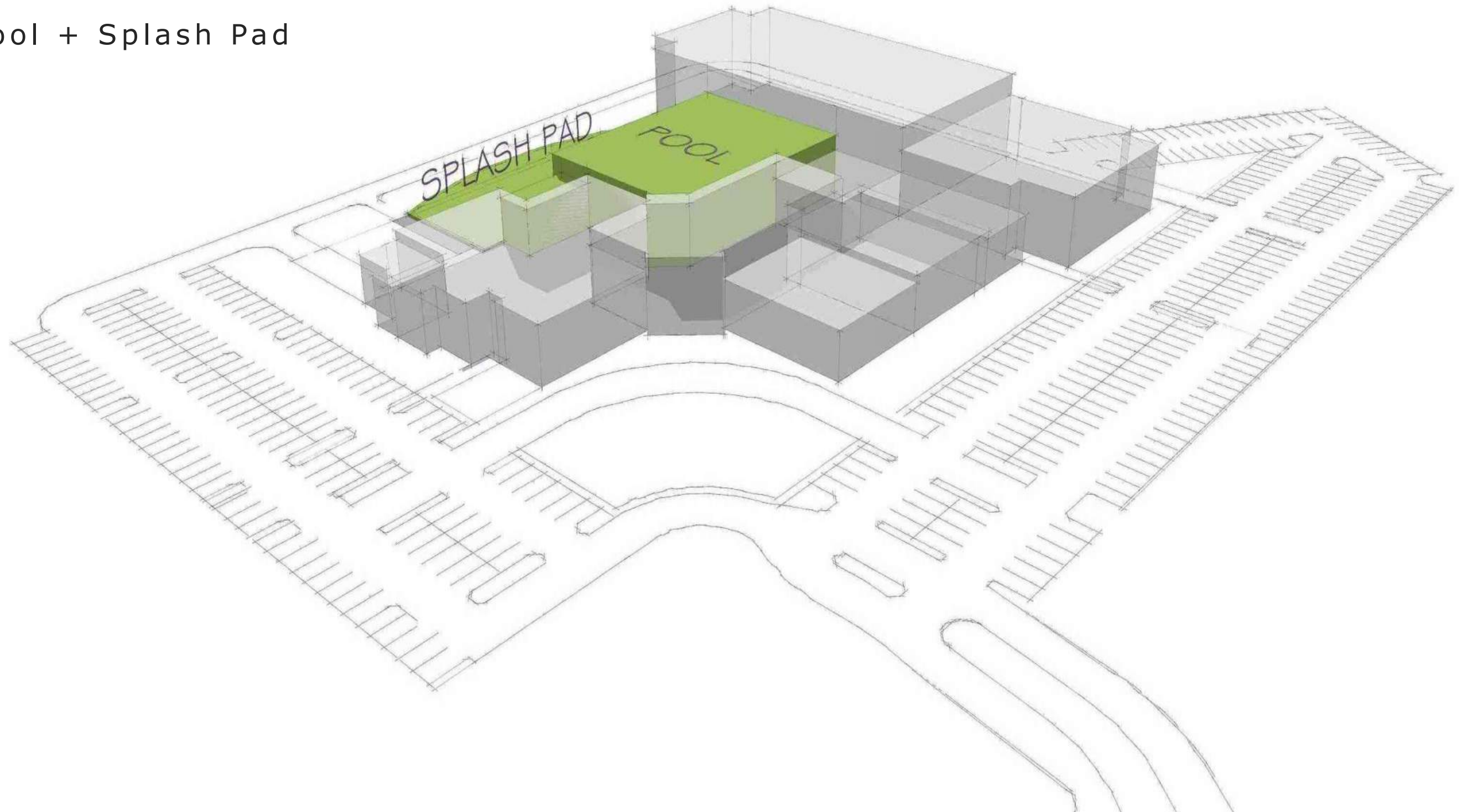
Gymnasiums



Gymnasiums

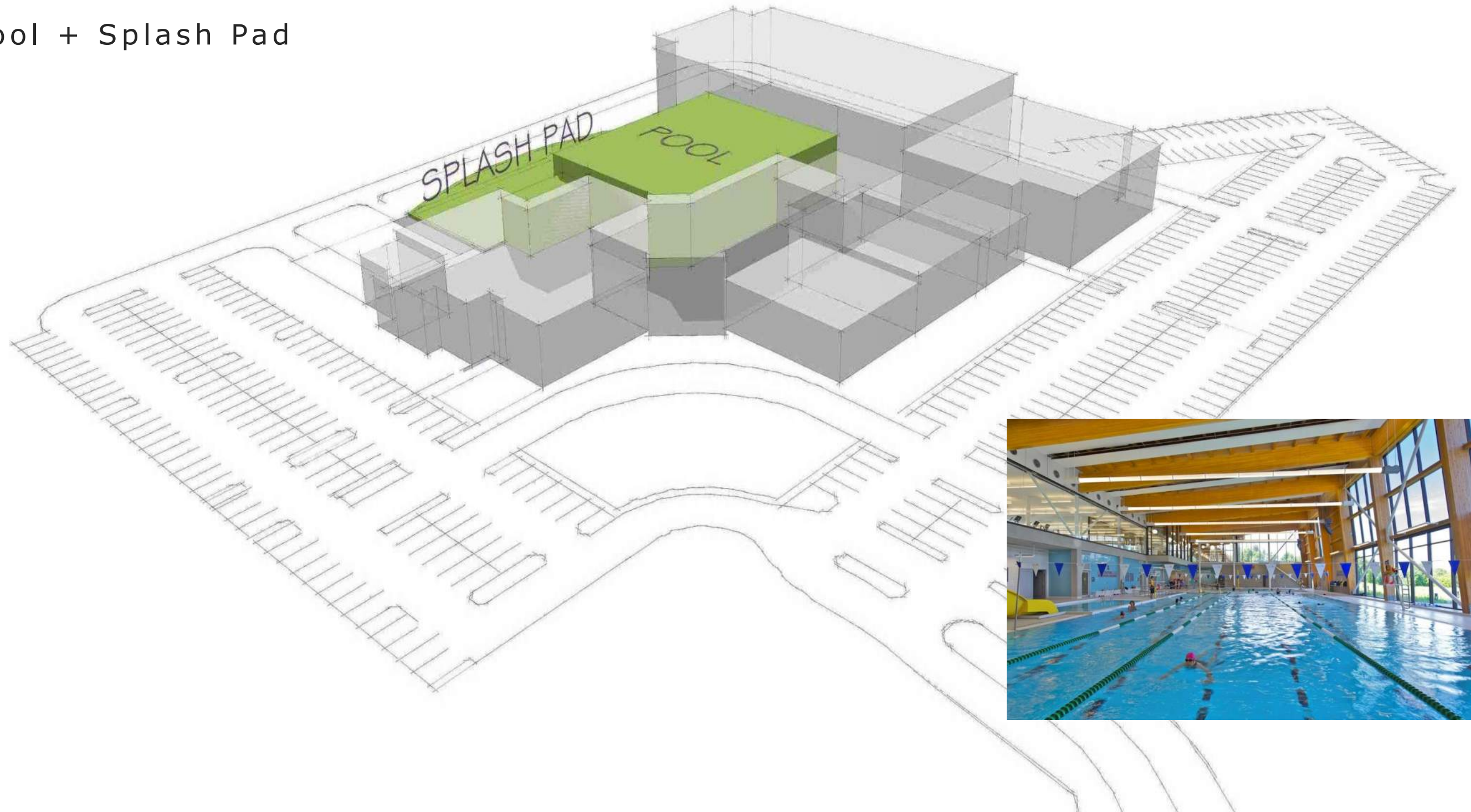


Pool + Splash Pad

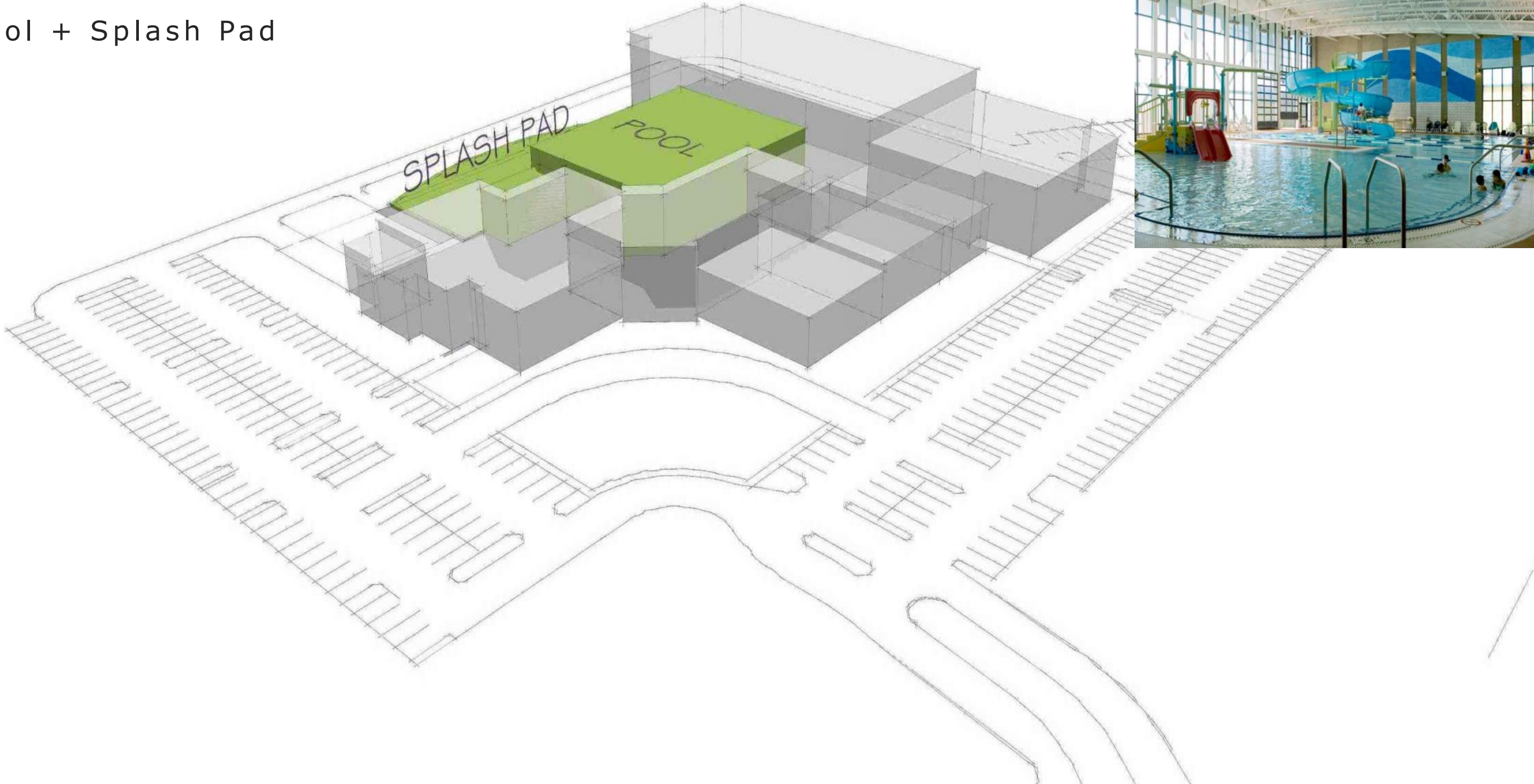


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Pool + Splash Pad



Pool + Splash Pad

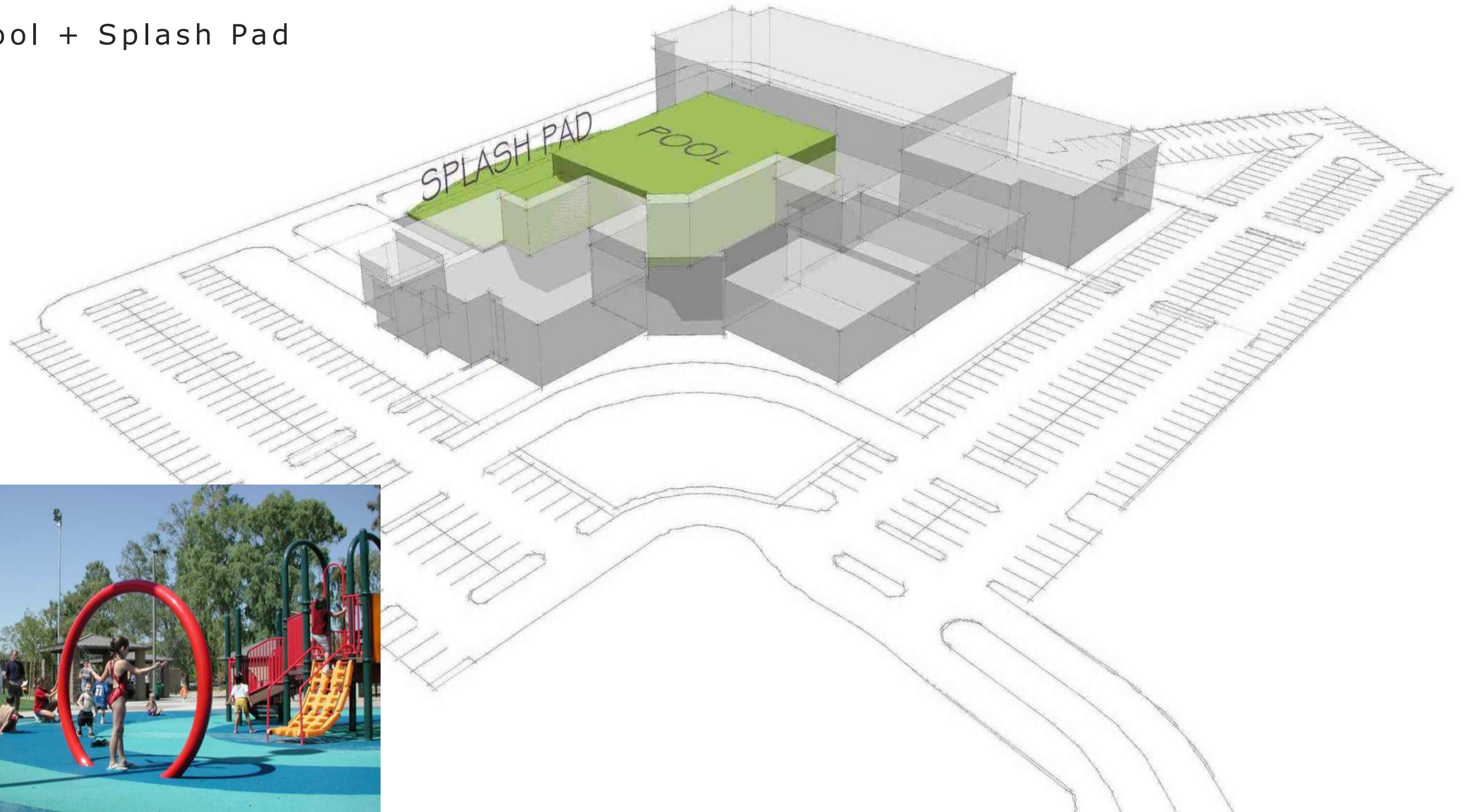


Pool + Splash Pad



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Pool + Splash Pad



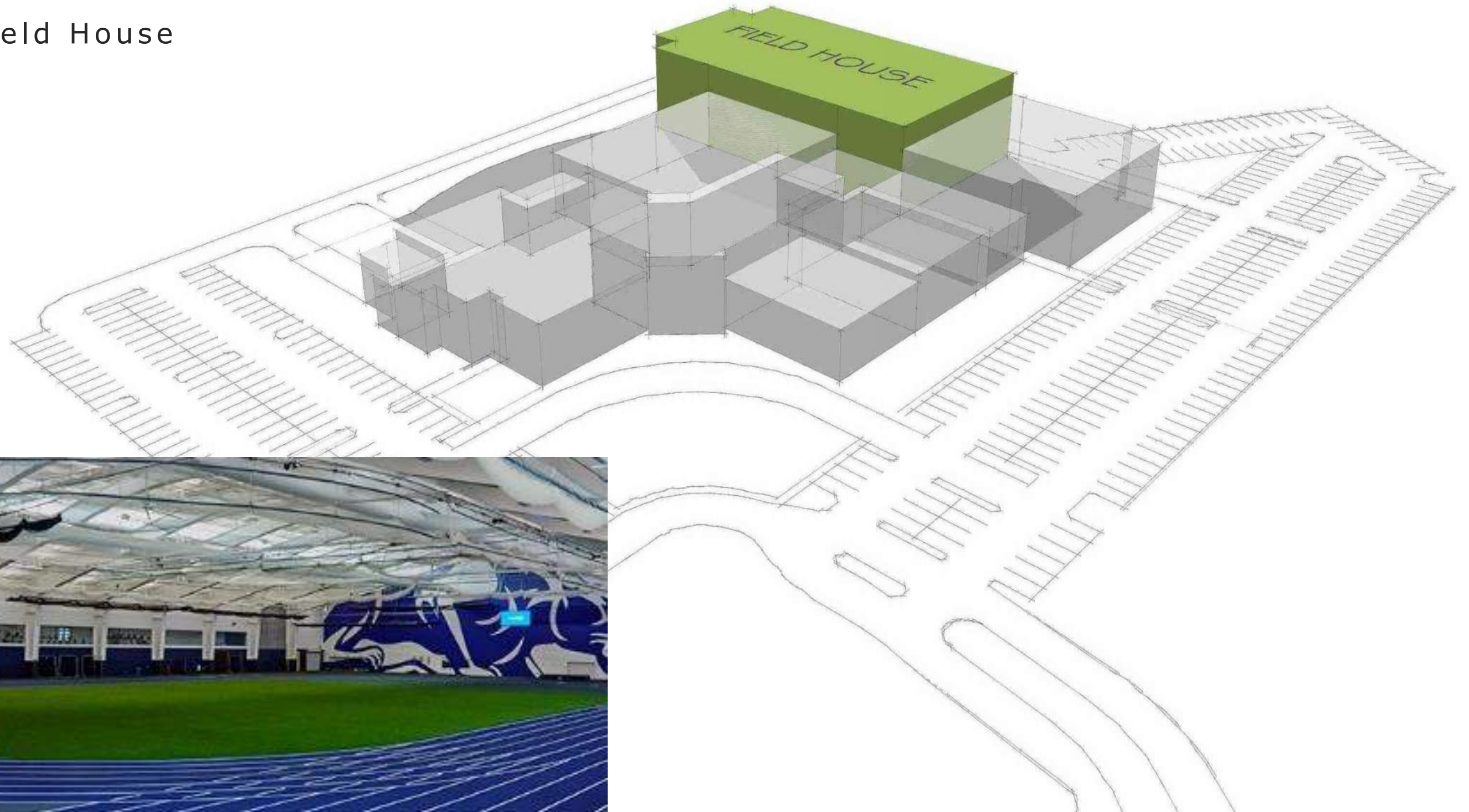
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Field House



inspiration + solutions

Field House



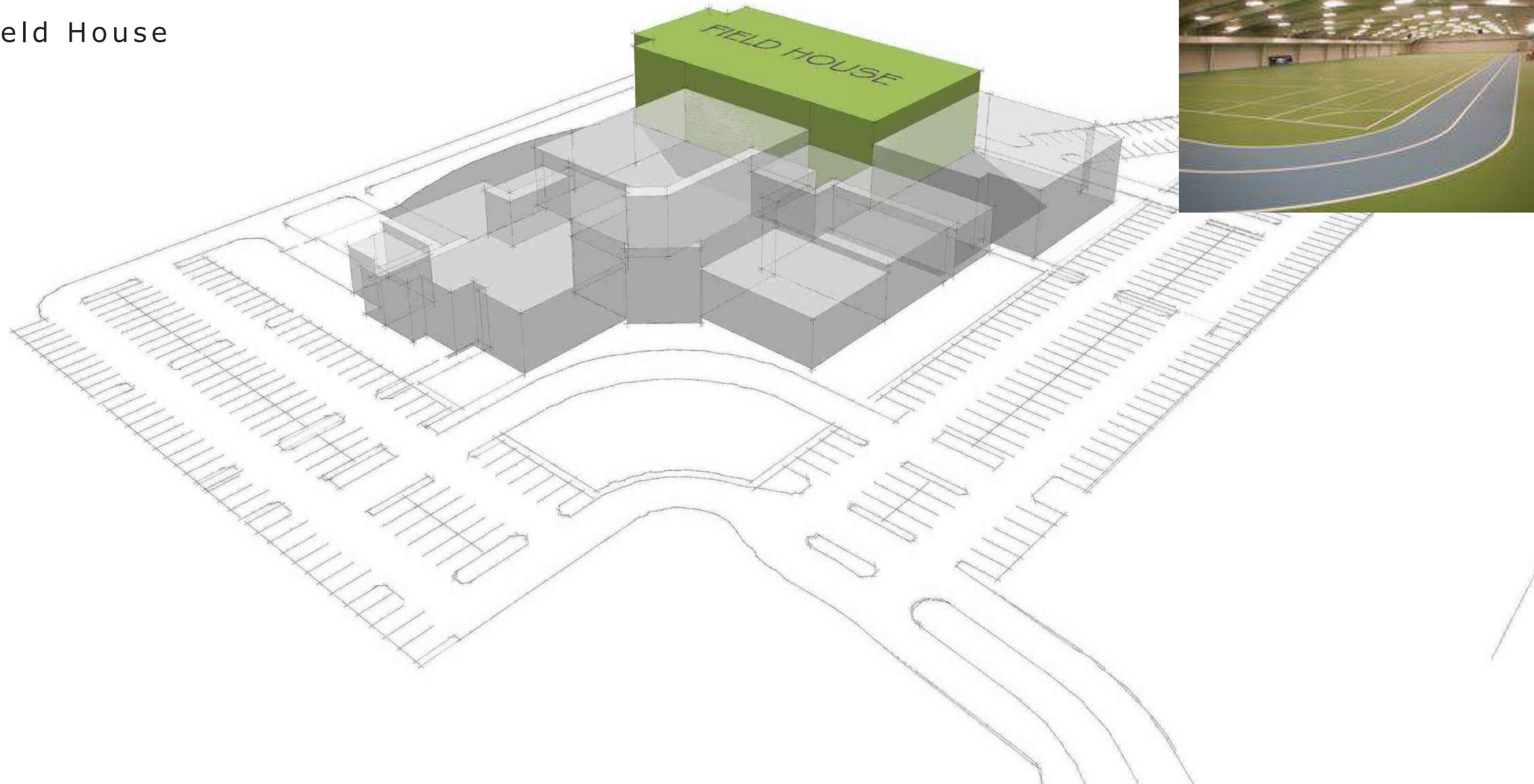
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Field House



inspiration + solutions

Field House

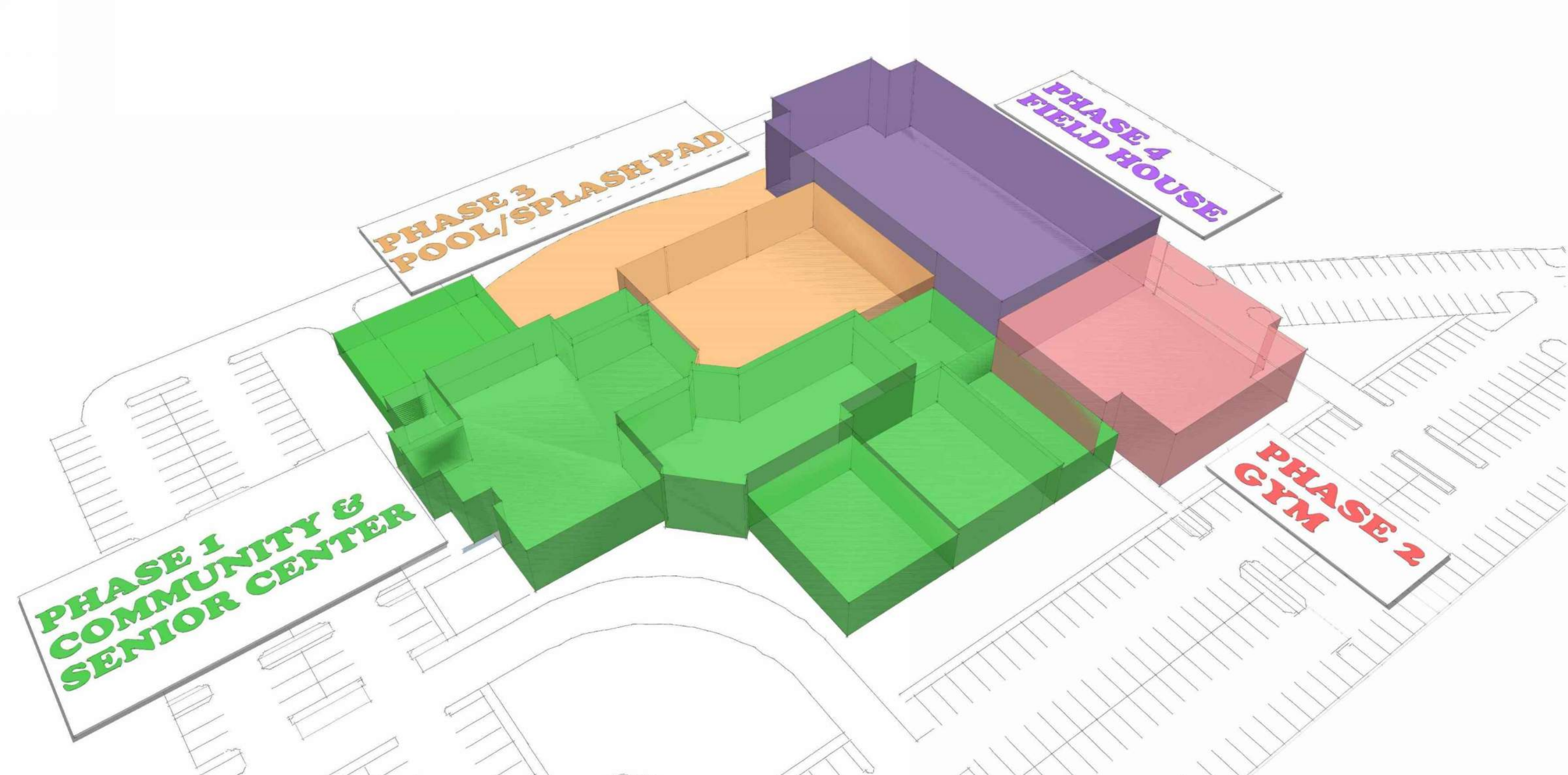


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Field House



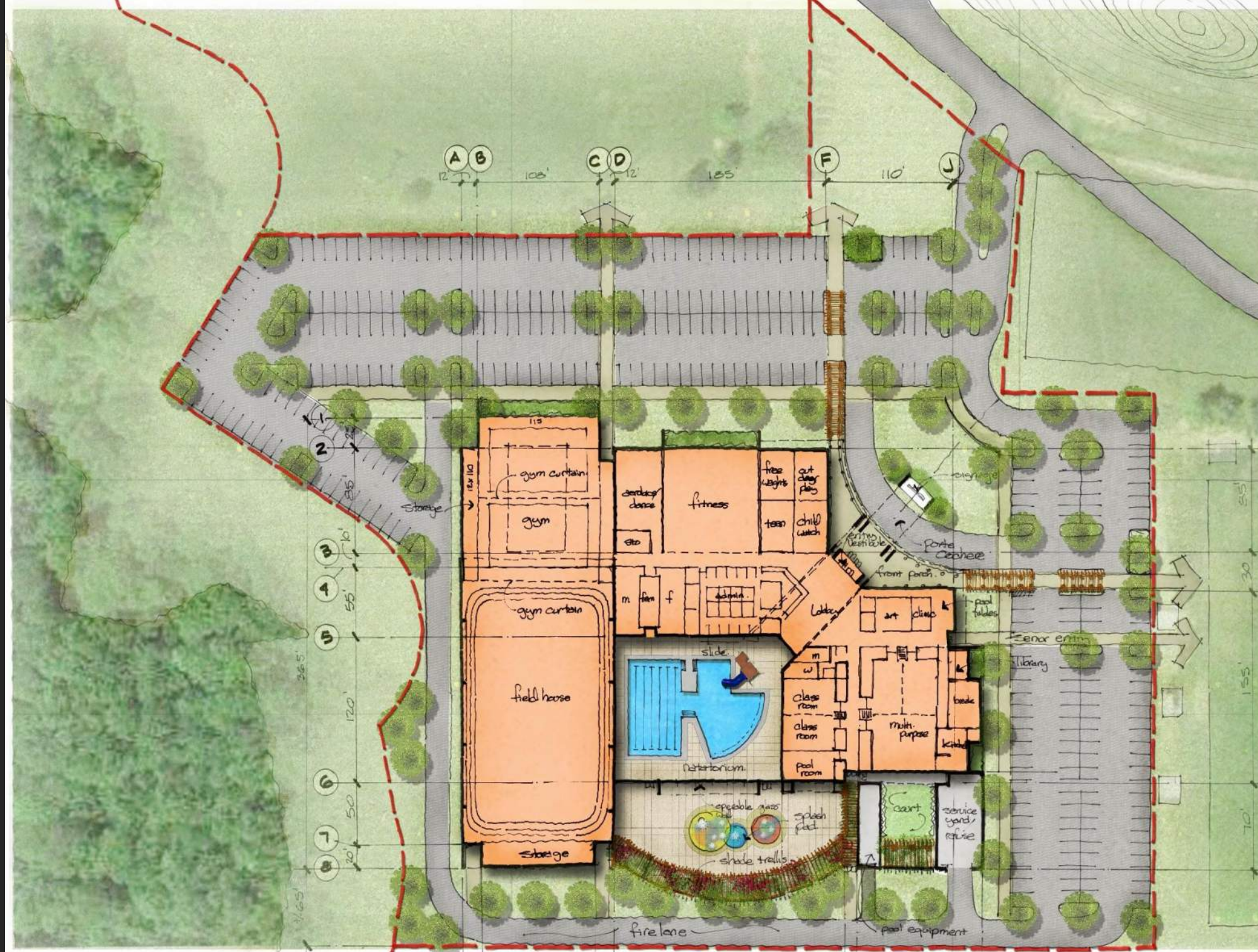




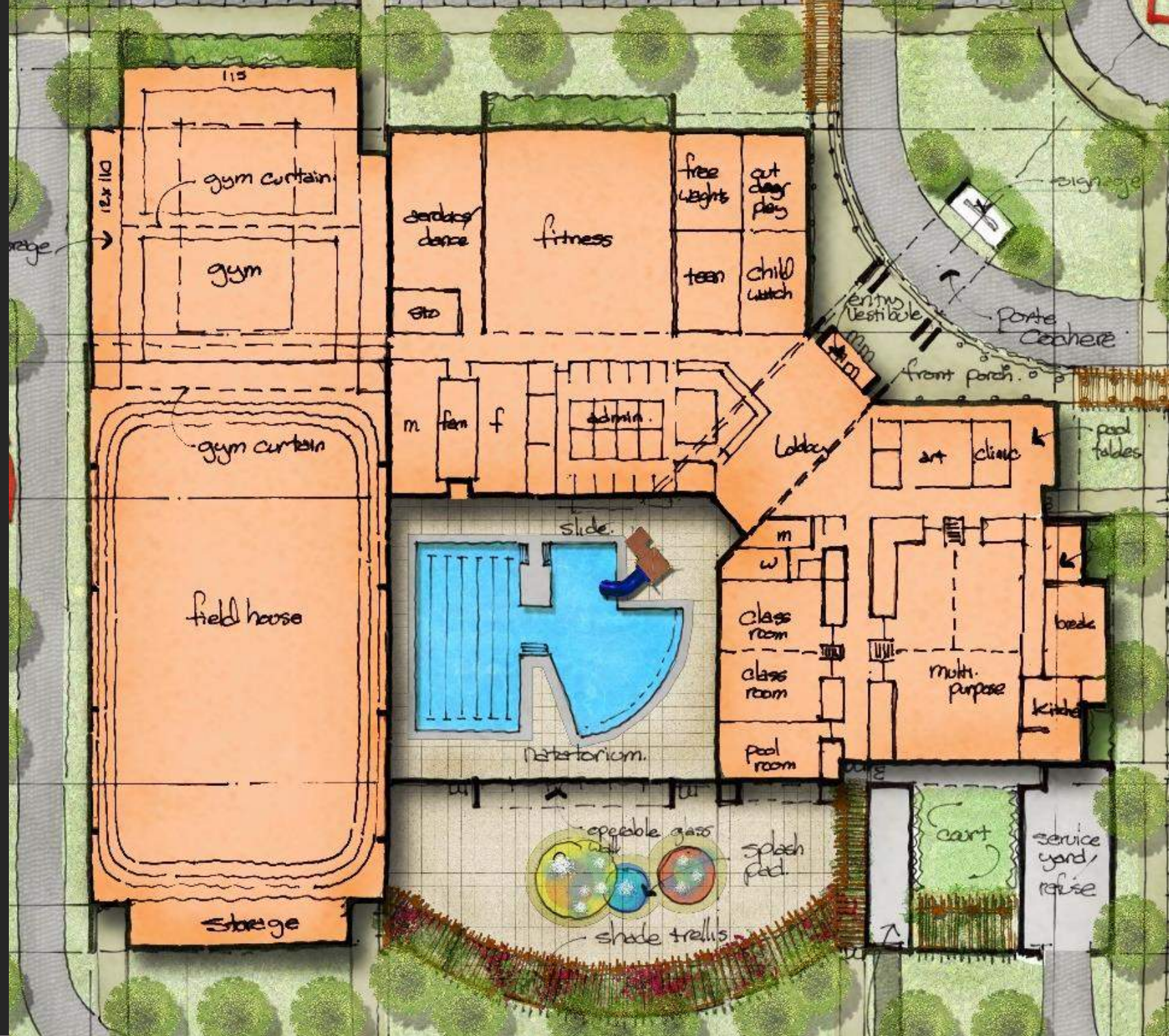
recommendations



recommendations



recommendations



recommendations





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recommendations



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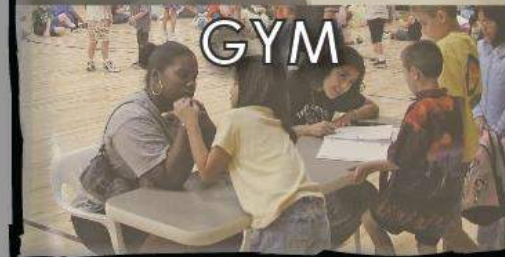
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recommendations

questions



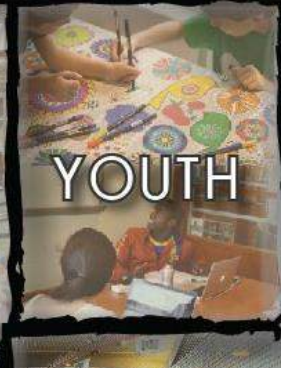
GYM



DANCE



MULTI-PURPOSE



YOUTH



FIELD HOUSE



LOCKERS



ADMIN./ENTRY



SENIOR CENTER



POOL



SPLASH PAD

