

TOWN OF ORCHARD PARK

BRUSH MOUNTAIN

MULTI-GENERATIONAL COMMUNITY CENTER

WENDEL
April 13, 2016

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Pool/Splash Pad

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Concept Renderings Next Steps

team

Introduction



Town Board

Design Review Committee

Design Review Committee



Gerald Summe

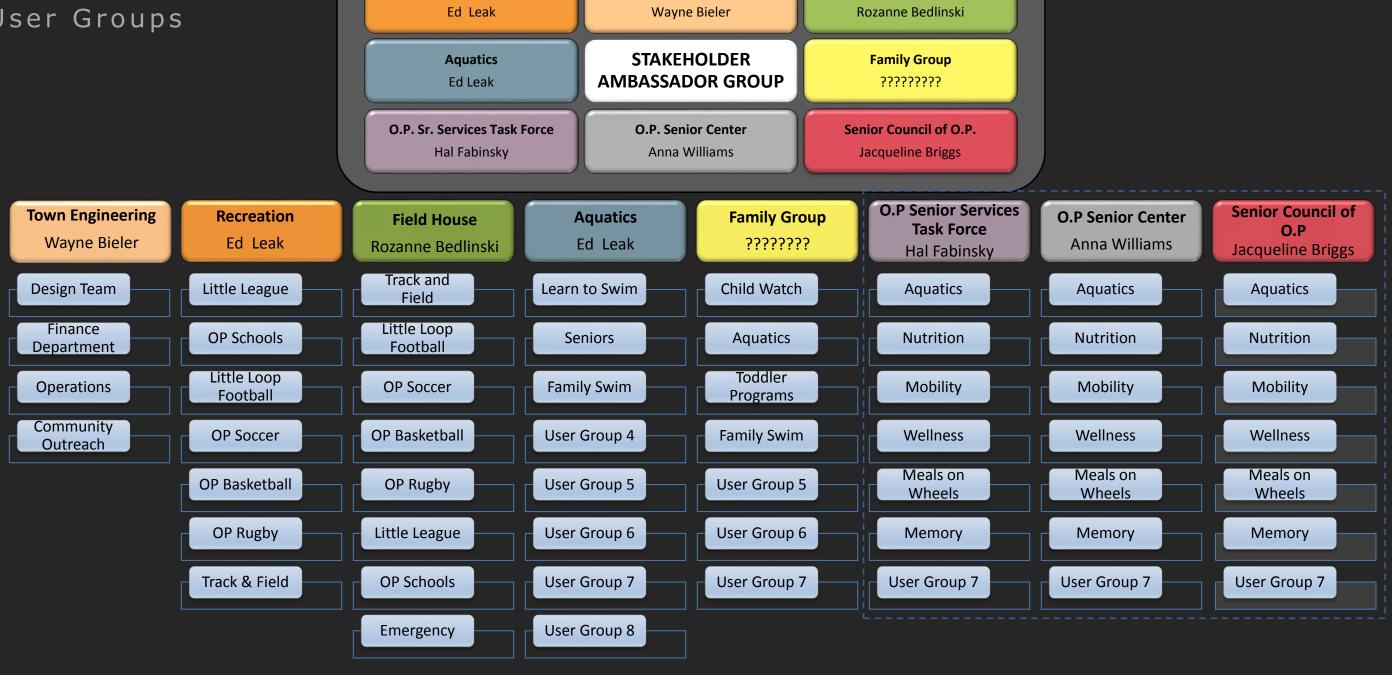
Daniel Marinaro, AIA, NCARB

Leanne Voit, AICP, LEED AP

ARCHITEKTON

John Kane, FAIA, LEED AP

Ambassadors + User Groups



Town Engineering

Recreation

Field House



process



History

• 2009

2011

2015-2016

Design Report – Master Plan for Improvements at Brush Mountain Park

Community Center

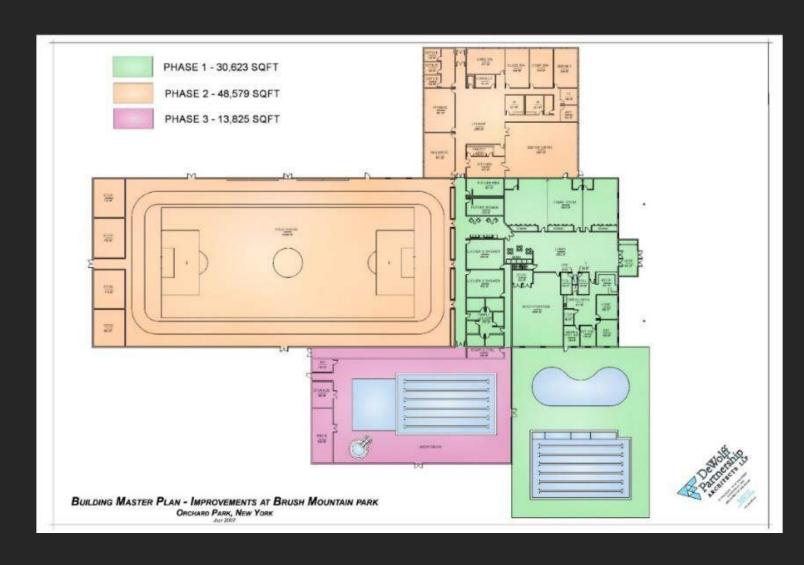
Senior Center

Field House

Indoor Aquatic Center

Outdoor Pool

Total square feet: 93,027 sf



History

2009

Interim plan by Town Engineering Department

• 2011

Community Center

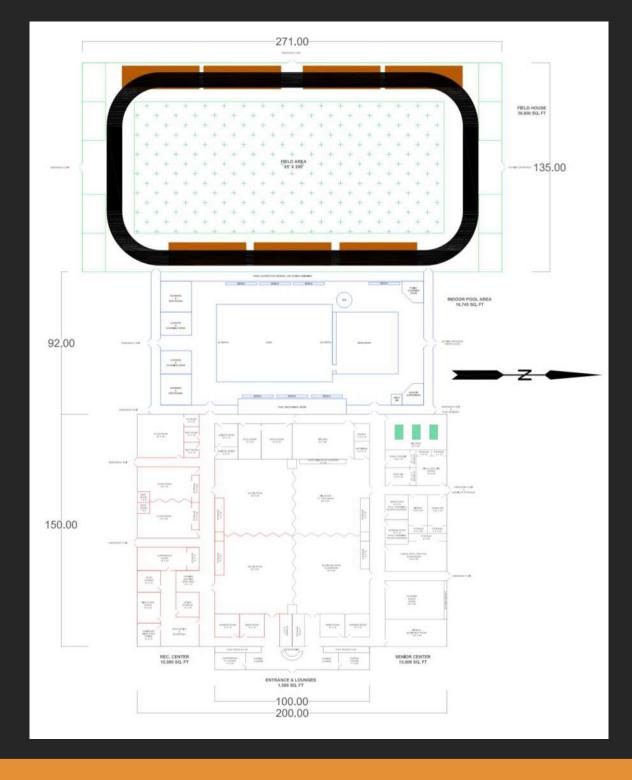
2015-2016

Senior Center

Field House

Indoor Aquatic Canter

Total square feet: 84,845 sf



History

2009

· 2011

• 2015-2016

Schematic Design & Report – Brush Mountain Multi-Generational Community Center

Community Center

Senior Center

Field House

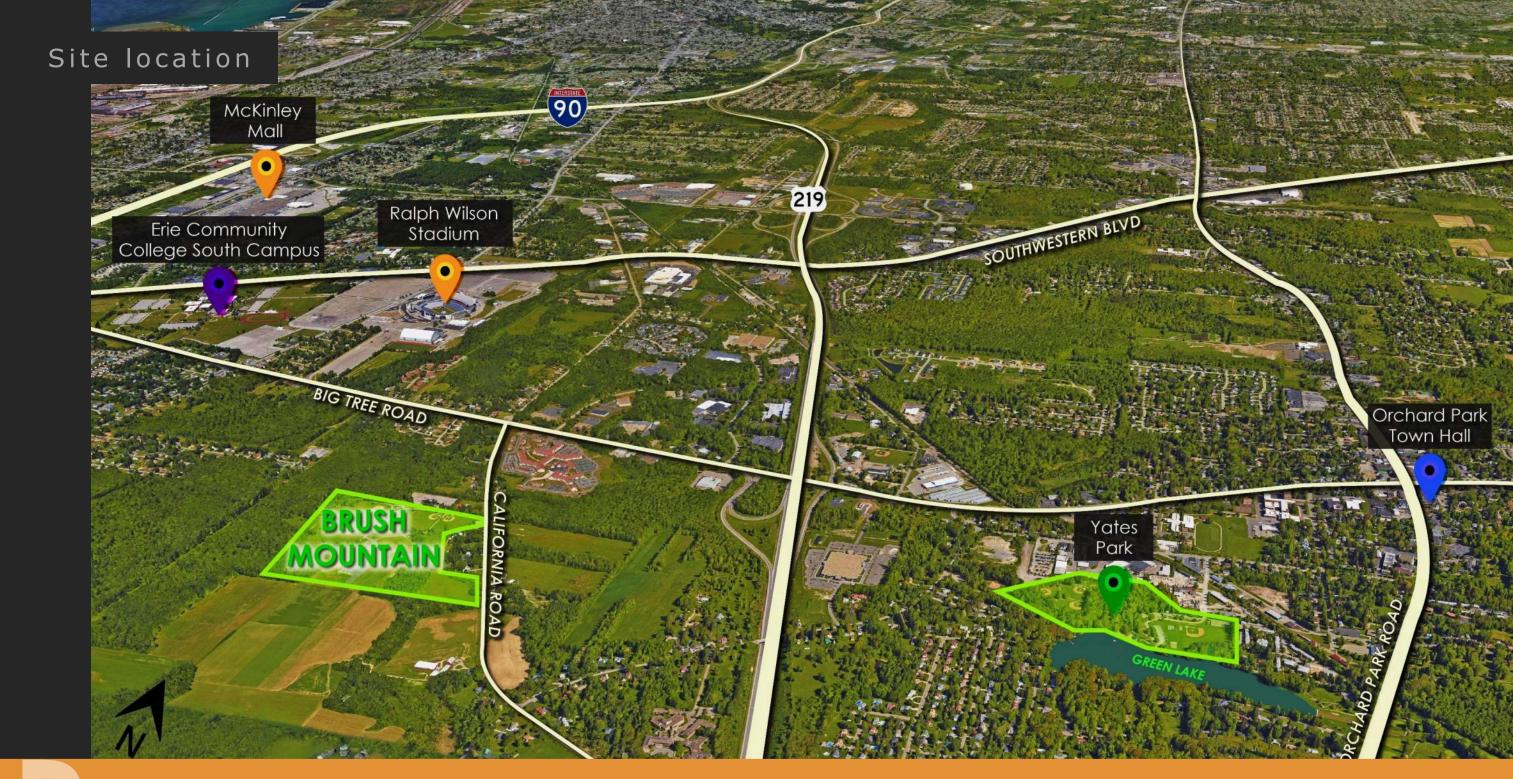
Indoor Aquatic Canter

Splash Pad

Gymnasiums

Total square feet: 142,759 sf





Site



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

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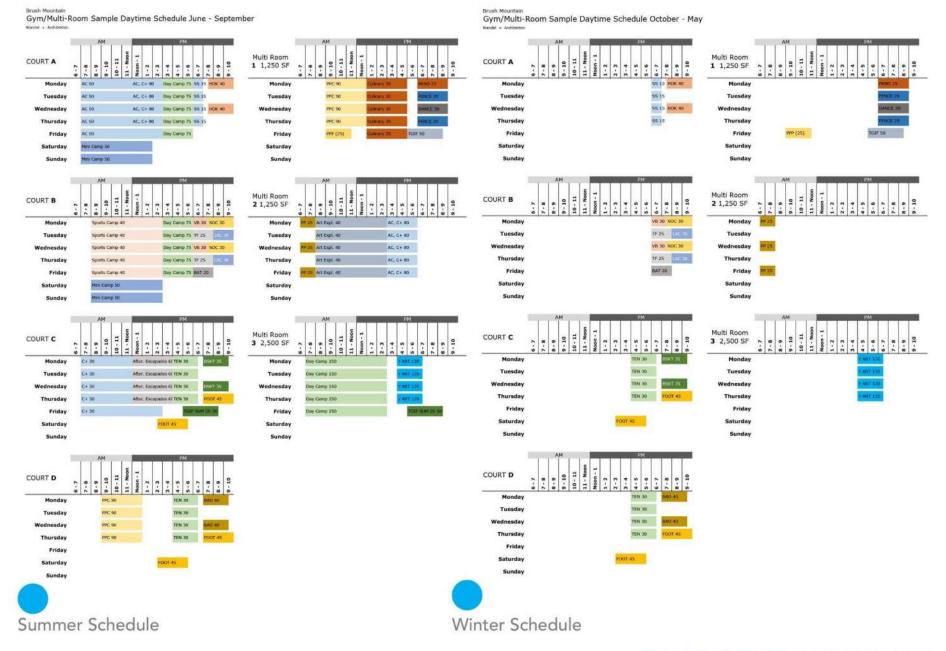
Area	Room/Unit	Qty	2,009 SF Per	Total SF	Qty	2011 SF Per	Total SF	Qty	Proposed SF Per	2015 Total SF
Indoor Pool A		orcy	or ru	16,745	orry	37 - 41	16,745	exy	or rui	16,745
	Pool Spa	1								
	Zero Entry pool	1								
	Mechanical Room	1								
	Aquatic Supervisor First Aid	1								
	Family Changing room	1								
	Men's Showers/Restrooms Men's Lockers/Changing Room	1								
	Women's Showers/Restrooms	1								
	Women's Lockers/Changing Room Open Lockers	1								
	Benches	7								
Recreation Ce			040	10,053			11,398			30,298
	Women's Restroom Men's Restroom	2	240 240	480 480						
	Storage	1	168	168						
	Open Office/Secretary Assistant Dir. Office	1	225	0 225	- 1	650	650			
	Dir. Office	1	300	300						
	Office Storage Staff Lounge	1	240 210	240 210						
	Conference Room	1	480	480						
	storage	1	120 210	120 210						
	Vending Machine Area Multi-Purpose Room	2	2,500	5,000						
	Multi-Purpose Storage	2	132	264						
	Classroom Restroom	1	805 56	805 56						
	Classroom Storage	2	88	175						
	Classroom Community Room	1	840	840	- 1	0	0			
	Programming				1	285	285			
	Assistant Programming				1	0	0			
	Break Room Copy Room				1	150 260	150 260			
	Program Registration				1	0	0			
	Outdoor Pool Outdoor Splash Pad				1	0	0			
	Child Watch							- 1	2,000	2,000
	Gymnasium Fitness							1	7,000 7,500	7,000 7,500
	Activity Room							1	2,400	2,400
Entrances/Lou				680			680			680
EBCTABCESTEO	Reception	1		660			000			000
	Waiting Lounge		200	000	_			Ε.		200
	Coffee Lounge Conference TV Lounge	1	220 220	220 220	1	220 220	220 220	1	220 220	220 220
	Cost Room	2	120	240	2	120	240	2	120	240
		\vdash						\vdash		
Senior Center				12,376			32,001			32,001
	Men's restroom	1	240	240						
	Women's restroom Storage	1	240 168	240 168	1	2,500	2,500			
	Fitness Equipment Room	1	700	700		2,500	2,500			
	Exercise Dance Room locker area	1	950	950 0	_					
	Classroom (games/crafts)	1	613	613						
	Storage	1	125	125						
	Multi Use Room Storage	1	2,500 110	2,500 110						
	Dining Room	1	2,500	2,500						
	cafeteria counter Storage	1	130	130						
	Kitchen	1	920	920	- 1	800	800			
	Nutrition Office pantry	1	115 115	115 115						
	Mens Changing rooms/showers	1	240	240						
	Womens Changing rooms/shower:	1	240	240						
	Library storage	1	250 65	250 65						
	Computer Room	1	250	250	1	800	800			
	Storage First Aid Room	1	65 184	65 184	_			-		
	Storage	- 1	46	46						
	Rural Transit Office Storage	1	184 46	184 46	_			-		
	Dir/Asst Dir office	1	380	380						
	storage	1	80	80		700	700			
	Billiards Arts and Crafts Room	-	920	920	1	700 800	700 800			
	Large Partitionable Space				1	4,200	4,200			
	Library Administrative Offices				1	1,325 1,400	1,325 1,400			
	Gymnasium				1	3,600	3,600			
	Medical Screening Room Large Activity/Classroom	\vdash			4	1,600	6,400		-	
	Medium Activity/Classroom				4	300	1,200			
et										
Shared	Mechanical Room	1	460	1,150 460	1	460	1,150 460		460	1,150 460
	Electrical Room	1	345	345	1	345	345		345	345
	Janitor Office	1	120 225	120 225	1	120 225	120 225	1	120 225	120
	Janitor Room Vertical Circulation	1	223	225	⊏'	225	225	匚'	225	225
	Circulation	1								
Total				41,004			61,294			80,874
Field House	E:.14		36,600	36,000		36,600	36,000		36,600	36,000
	Field area Bleachers	- '	17,000	17,000	- '	17,000	17,000	— 1	17,000	17,000
	Run/Walk Track	1								
					-			-	-	



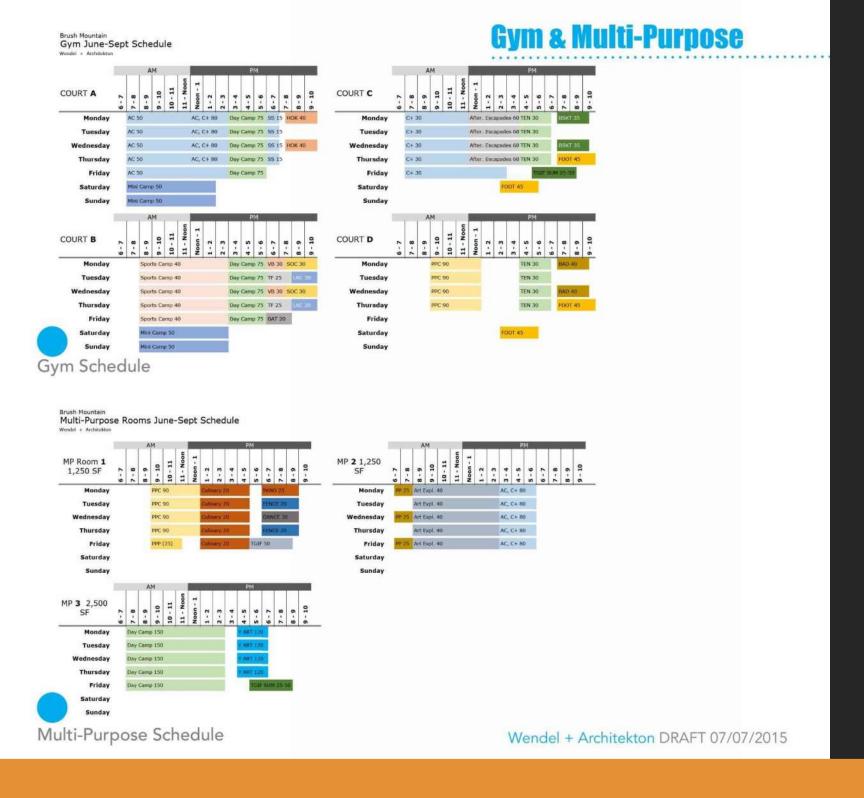
Program Reconciliation

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	
Library	416	sqft
Catering Kitchen	1,293	
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

Gym & Multi-Purpose



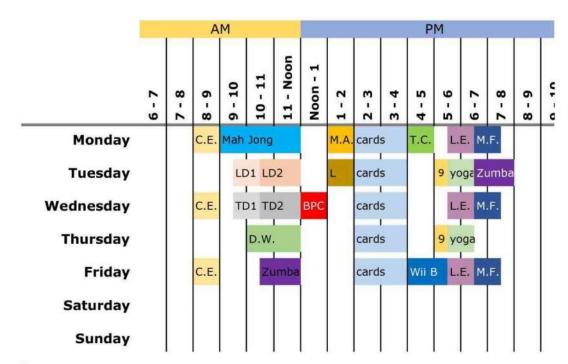
Wendel + Architekton DRAFT 07/07/2015





Brush Mountain Activity Room Sample Schedule

Wendel + Architekton

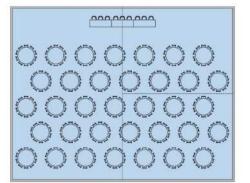


key

	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 EWii Bowling				
LD2	Intermediate Line Dance	1	Zum Zumba				
LD2	Intermediate Line Dance	1	Zum Zumba				

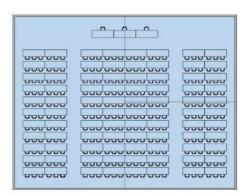
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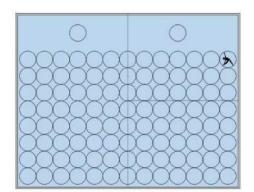
Banquet

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

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

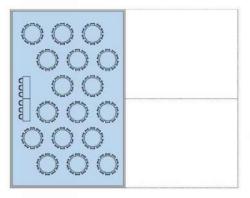
Possible Progam:

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

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

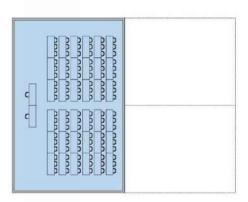


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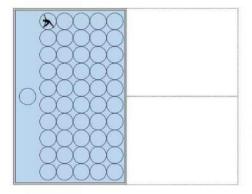
Banquet

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

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

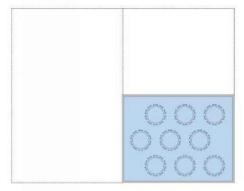
Possible Progam:

*TGIF Summer	*PKNO
*Mini Camp	*TGIF
*Afternoon Escapades	Fencing
*Preschool Play Camp	Performing Art
*Adventure Camp	*Preschool Play
*Adventure Camp	*Young Artists
Plus	*Art Explorers
*Day Camp	Culinary Creati

Paint Paste Play

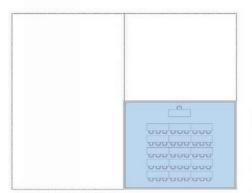


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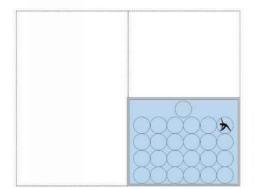
Banquet

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

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

Possible Progam:

*Mini Camp *Afternoon Escapades *Preschool Play Camp *Adventure Camp *Adventure Camp Plus *Day Camp Dance

*TGIF Summer

Paint Paste Play

*PKNO *TGIF Fencing

Performing Arts *Preschool Play *Young Artists

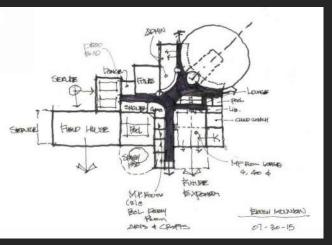
*Art Explorers **Culinary Creations**

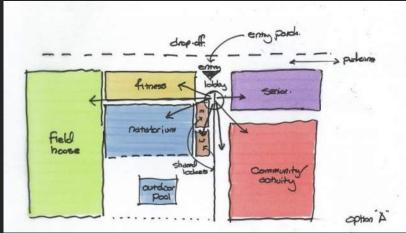


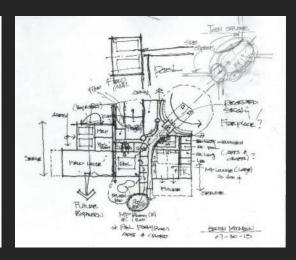
Wendel + Architekton DRAFT 07/07/2015

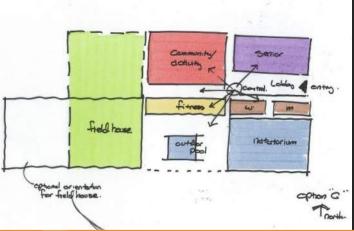
Program Testing - Architecture

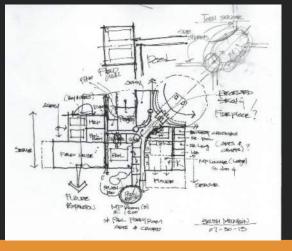
- Spatial Proximity
- Connections
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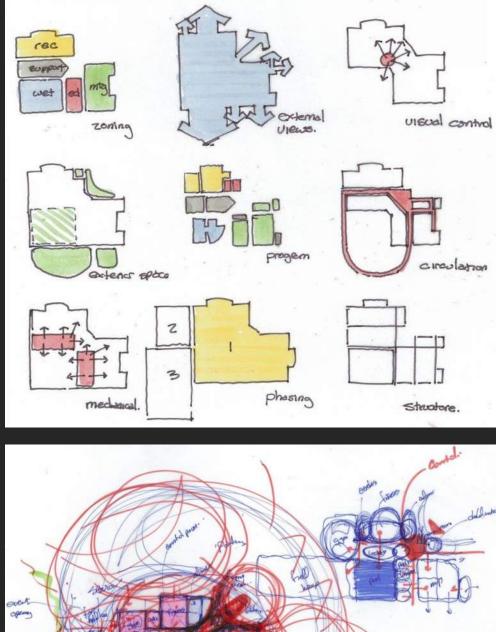












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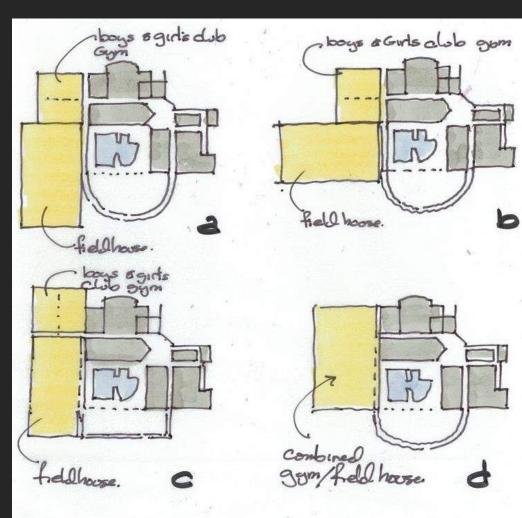
Field House + Recreation Program

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

					DCRNH WICE	ntain - Field Hous	e outra droup i	10th militaries		
User Group	Representative Home, and Contact information	Type of Program	Type of Play Surface Desired	Number of perficipants per passion	Days of Work Required	Time of Day Requested	Program Snause	Duration	Estimated Arresal Revenue Generation for Facility	Rotes
Track & Field Winding Volument Sharmaling Institute	Section VI Section VI Section VI Section VI Section VI		Sentratic Track Sign Hoor Open Hoor Sign Hoor Spen Roor		Interior Inthousing wide Limite Inches		December Hand Tolknow, Into Cox Safe Nov- tine, Tell marketed Etc. Alberts	one resplaced and below one dity and 15 days		to under the Section 1995 associated, while the Subby colding, parting (white moves, consistent the social for section's to subspace for the section section (
				_	Brush Mou	ntain - Field House	Users Group Pr	ogram Needs		

Unir Group	Seprecentative Name, and Contact Information	Type of Fragram	Type of Play Surface Desired	Number of perticipants per session	Days of West Required	Time of Day Requested	Program Session	Duration	Estimated Annual Neverus Generation for Facility	No.
Park	President Cell 864-5262 Email timeaspentrading	50.000	Herd wood multi-use surface	kids fer cort per hour	Saturda	needed M-F 20 hows SAT/Sun g 12 hows	,		of man for the facility although we could give snort money to Cover wasi's Costs.	basically spend all processing that come in seep our registre we intentionally seep our registre we intentionally that anyone co costs law so that anyone concests law see that we are play. We believe that we are with the area with

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 Required	Time of Day Requested	Program Season	Dureton	Estimated Annual Revenue Generation for Facility	AUS 0 3 2015 SUPERVISORS OFFICE Tomate or desiration
Orchard Park Soccer	Tom Hanlan	SOLLER		It would depend on the size of the field. Each team has 16-18-18 and we writize 4 fields at a time at Sahlen.	M-F SetSun	5:30-9:30p 9:02-8:00 9:02-8:00		minute training sessions	around 436,000 per year. Estimated revenue would depend on how much of that training time we could move could move	time is from January through the to cost and that is primarily due to cost and availability at Sahlens. If we had more availability and flexibility we may look to expand our usage of indoor training. Our teams typically train on field space measuring approximately



site analysis



Site





Site Location





- 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



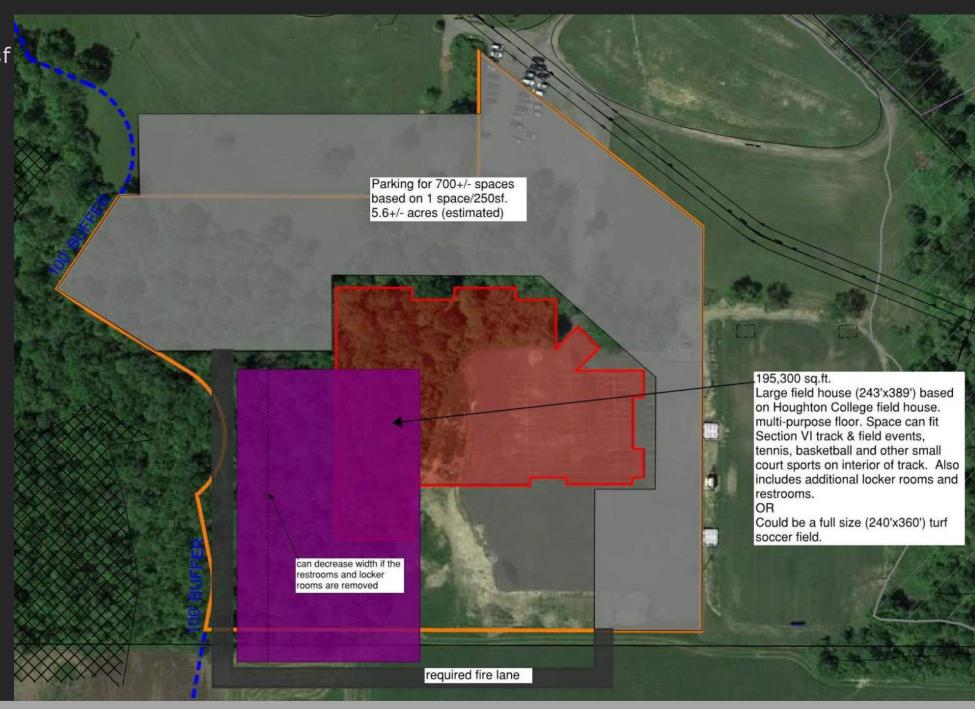
- Field house size 210'x310'=65,100 sf
- Total Building size = 145,570 sf
- Separate gym & fieldhouse
- Walking track



- Field house size 243'x389'=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

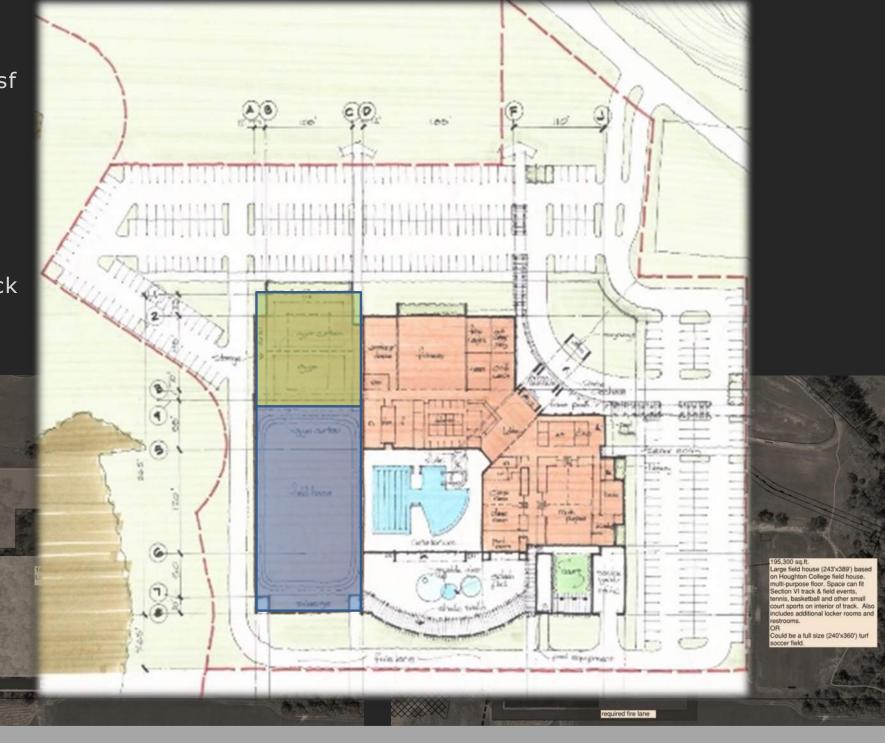
Full size turf soccer field





- Final field house size 132' x 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





Site Connections



Pedestrian Connections



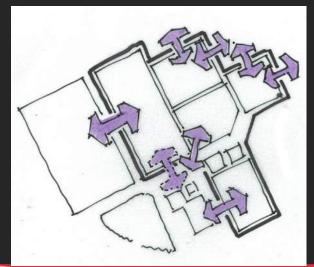
goals + key issues

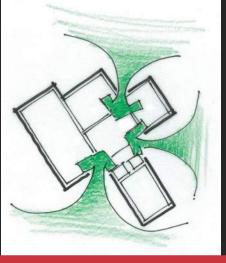
Goals

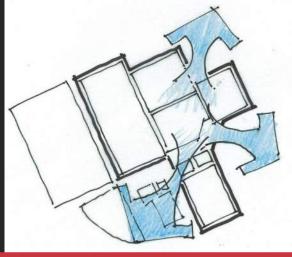
- Provide the Orchard Park public with a state-of-the-art multigenerational community center addressing the community's needs
- Acknowledge contextual features of the site
- Create a dynamic focal point & landmark to identify the park
- Create logical phasing of building and site.

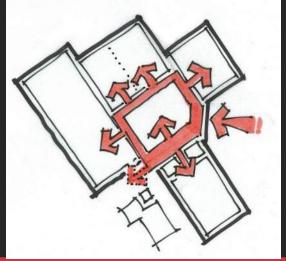
Key Issues

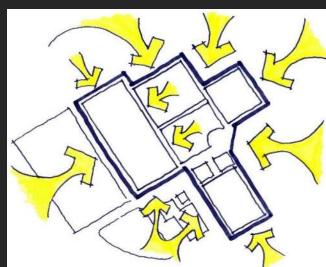
- Collaboration
- Solar orientation
- Daylighting
- Views
- Sustainability
- Parking for new facility and existing site features
- Clearly delineate safe pedestrian routes



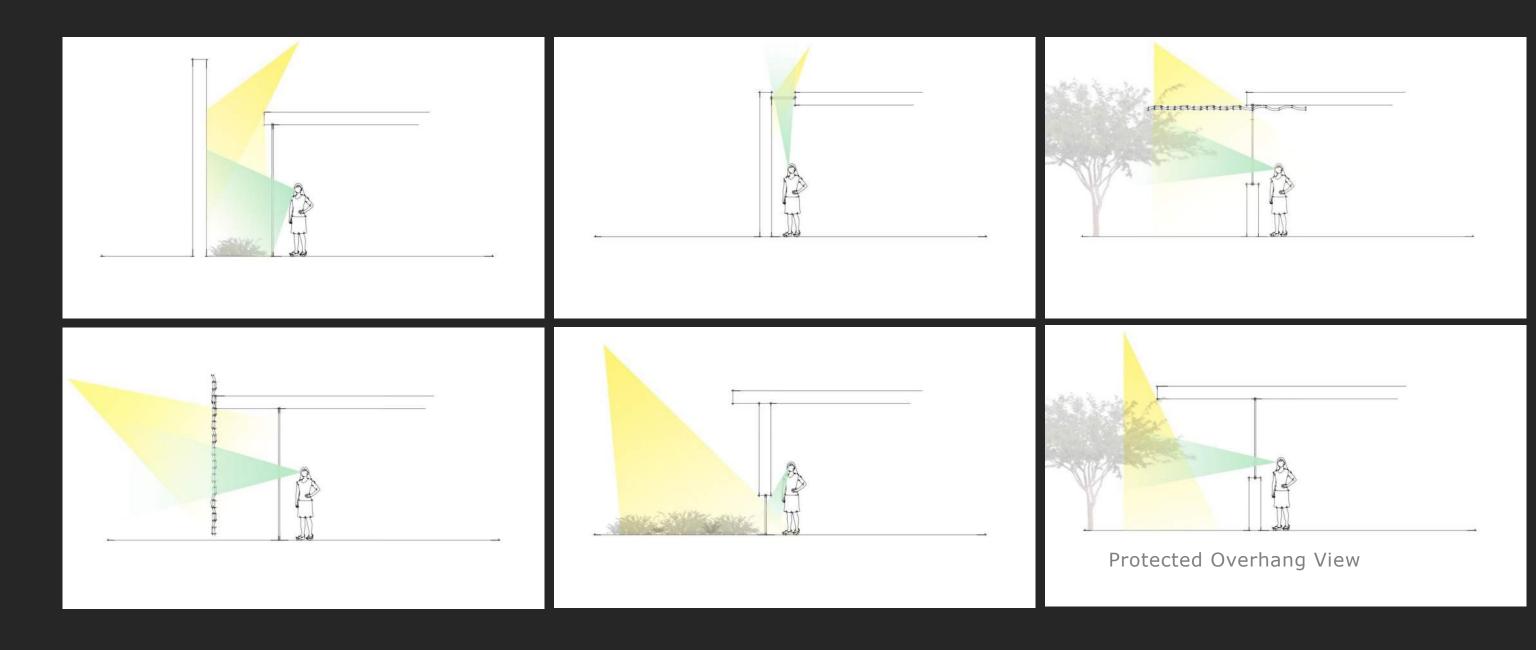






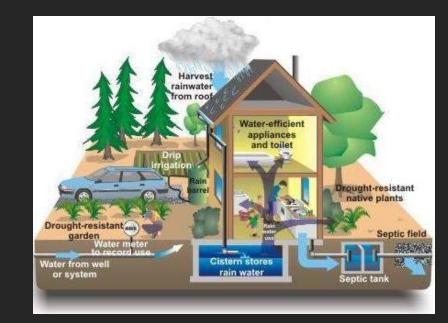


Daylighting

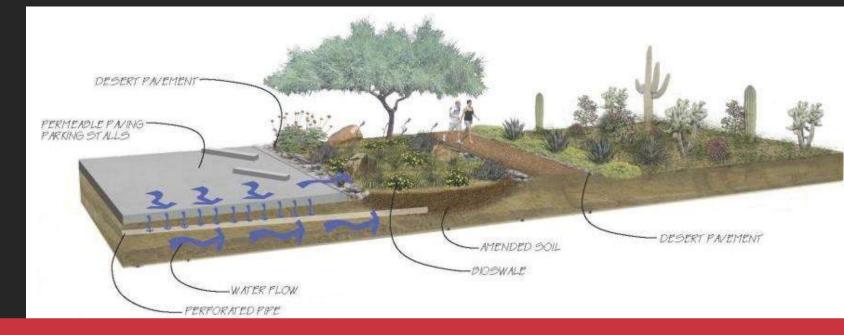


Sustainability - Low Impact Site Strategies

- 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







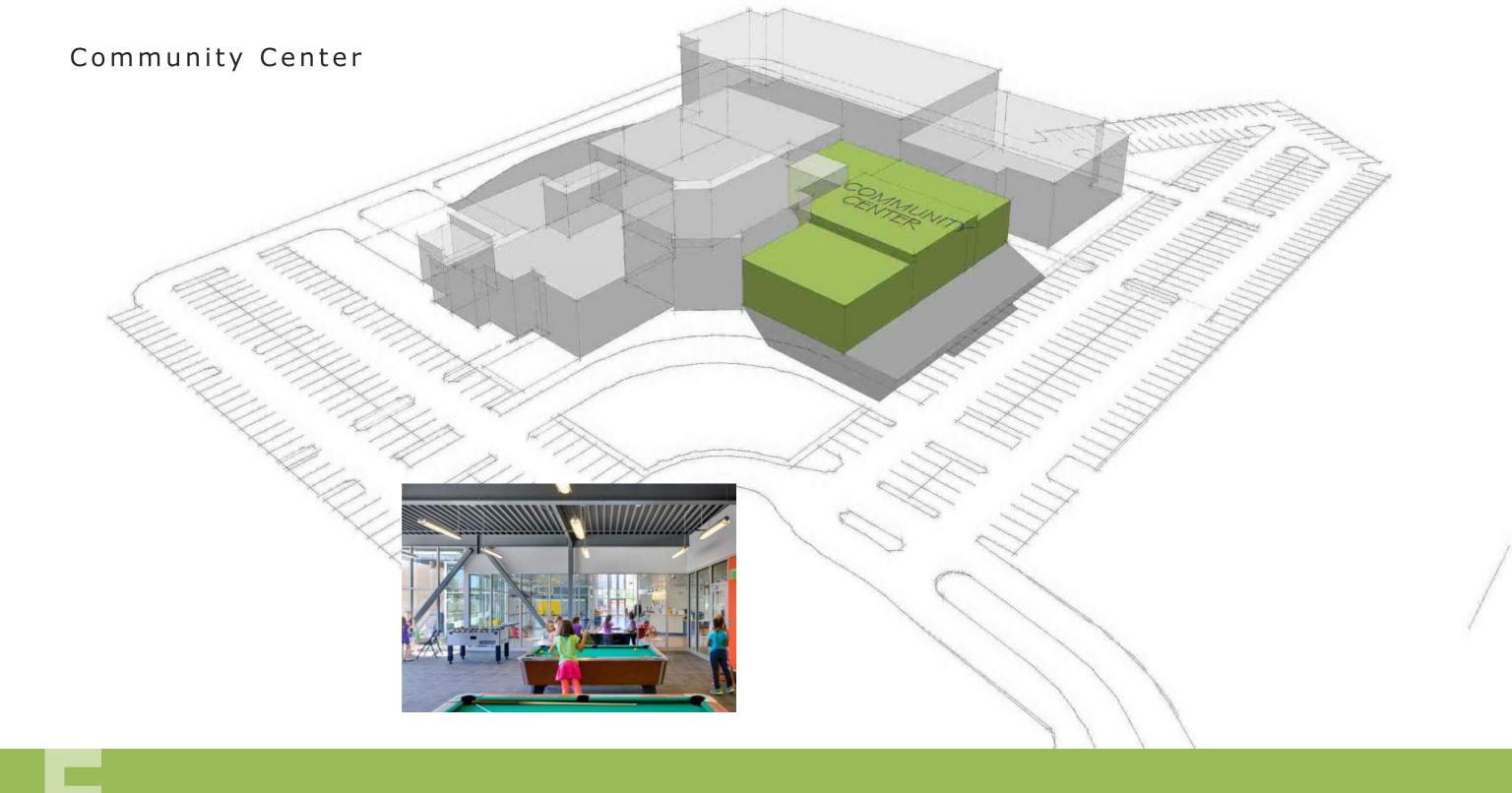
inspiration + solutions





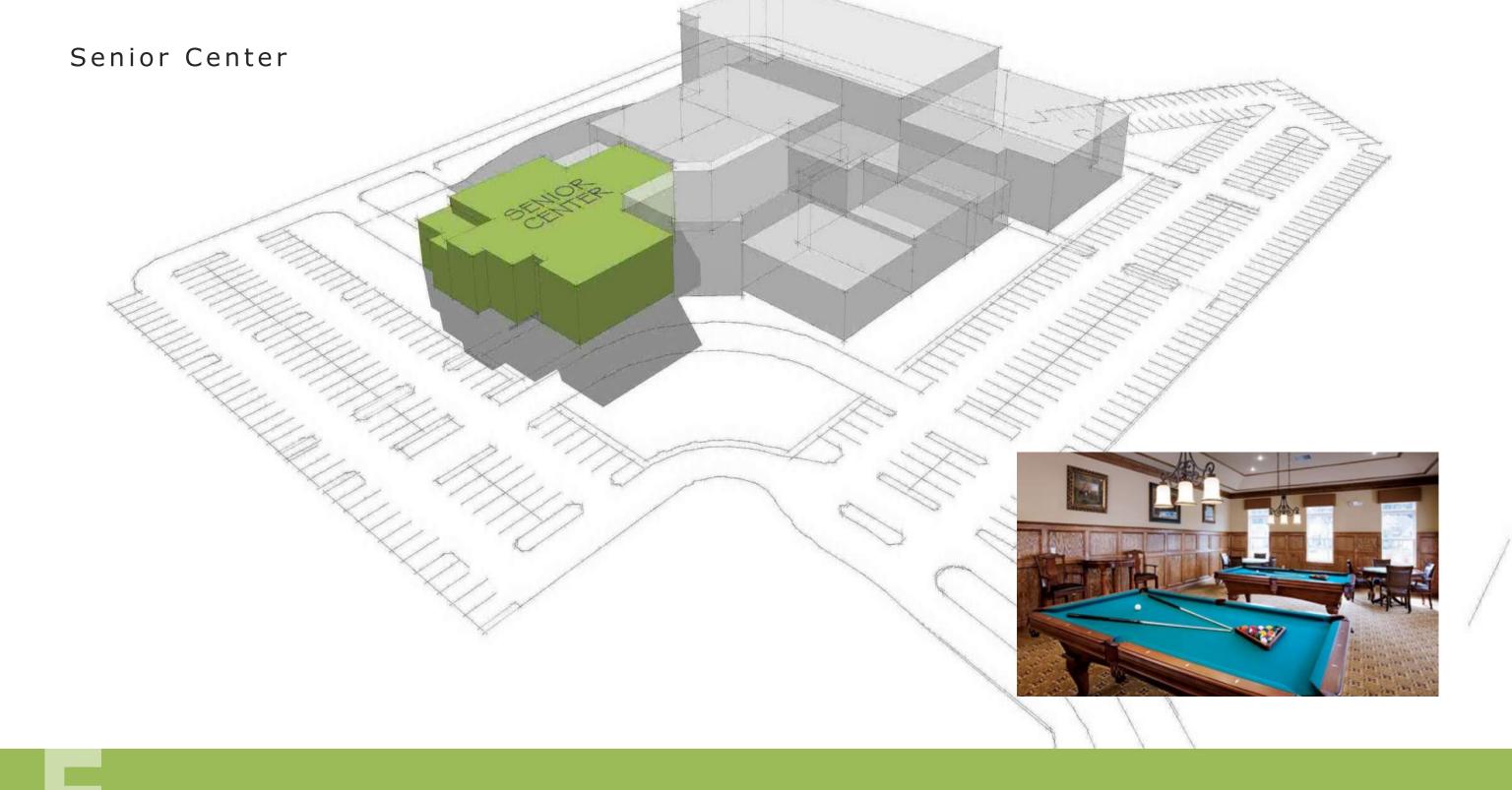


























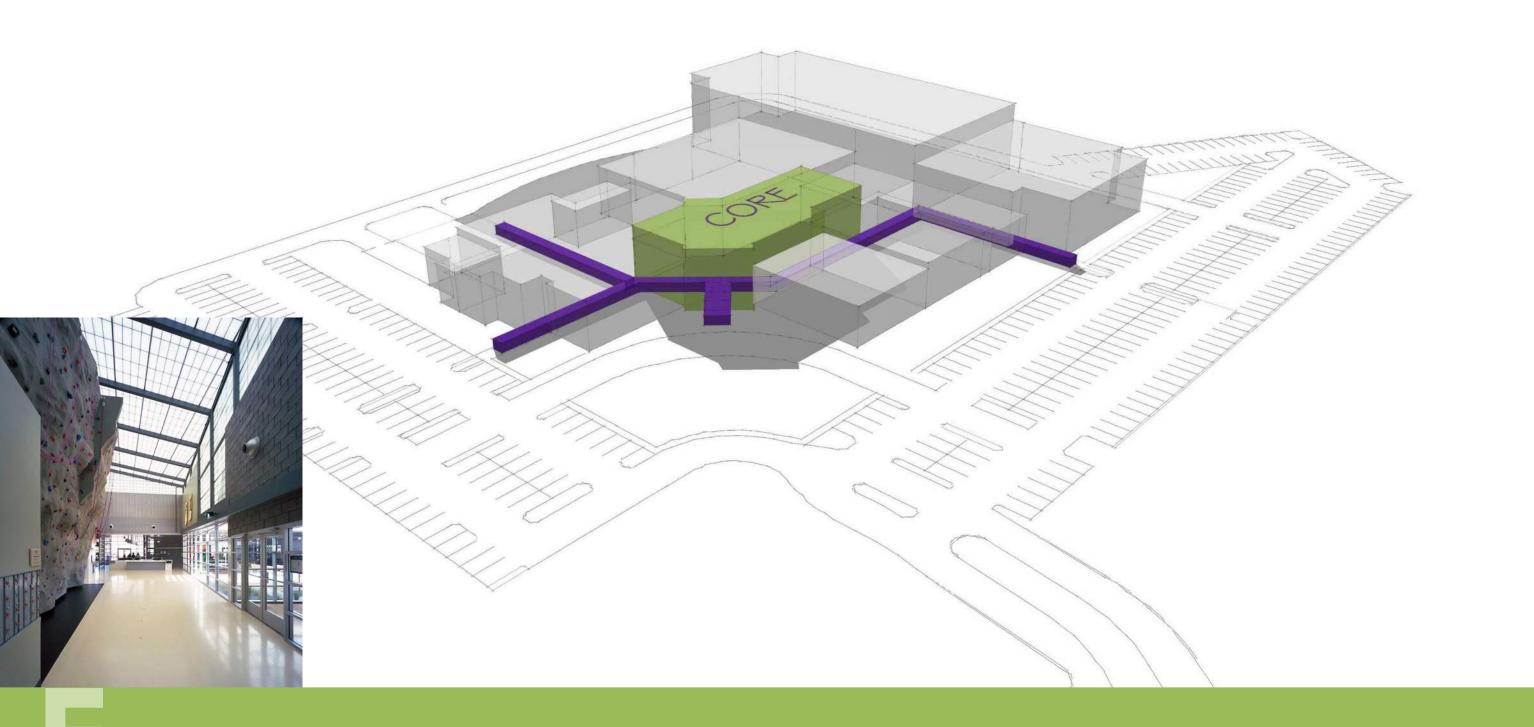








Core - Circulation



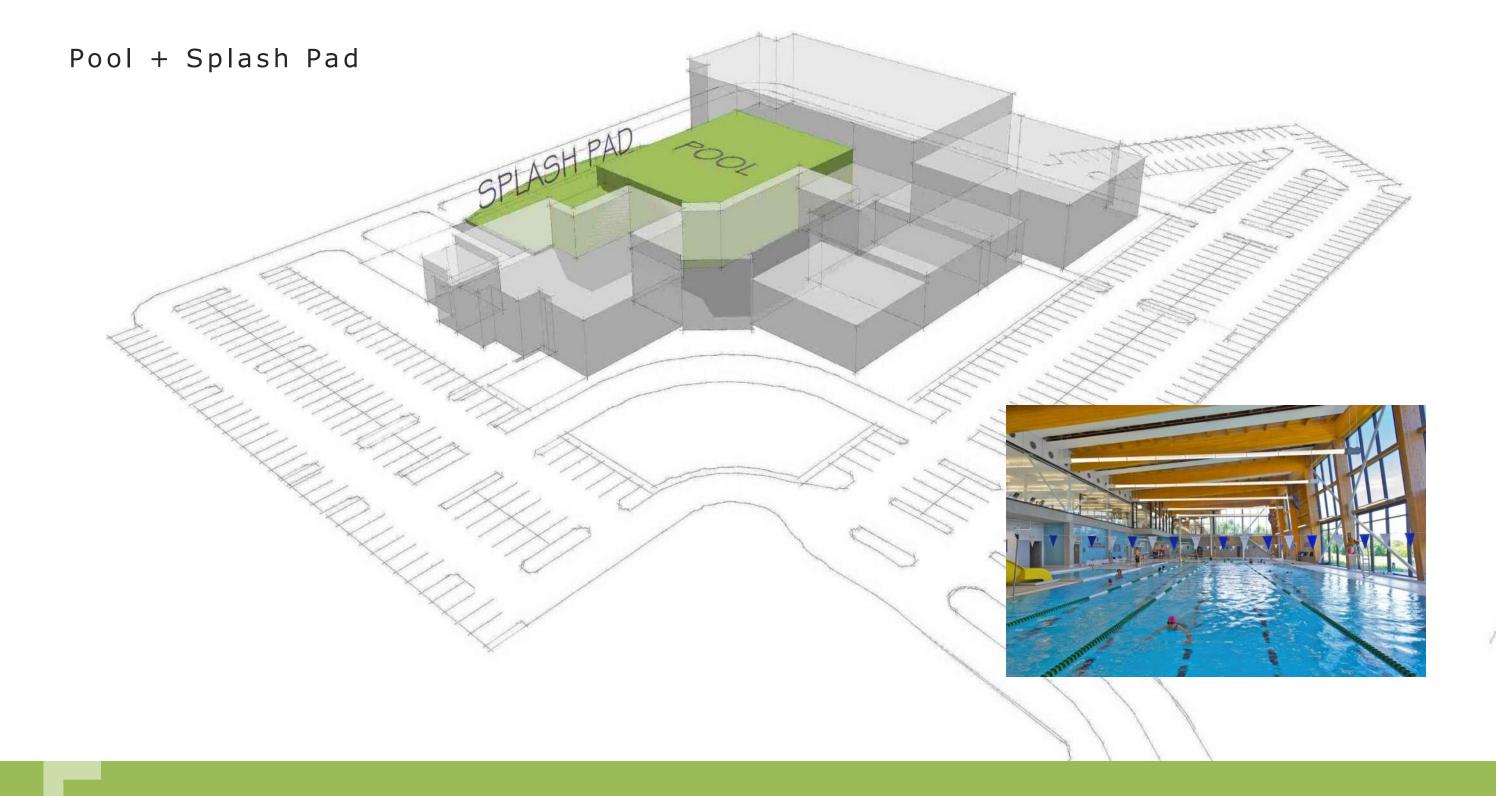










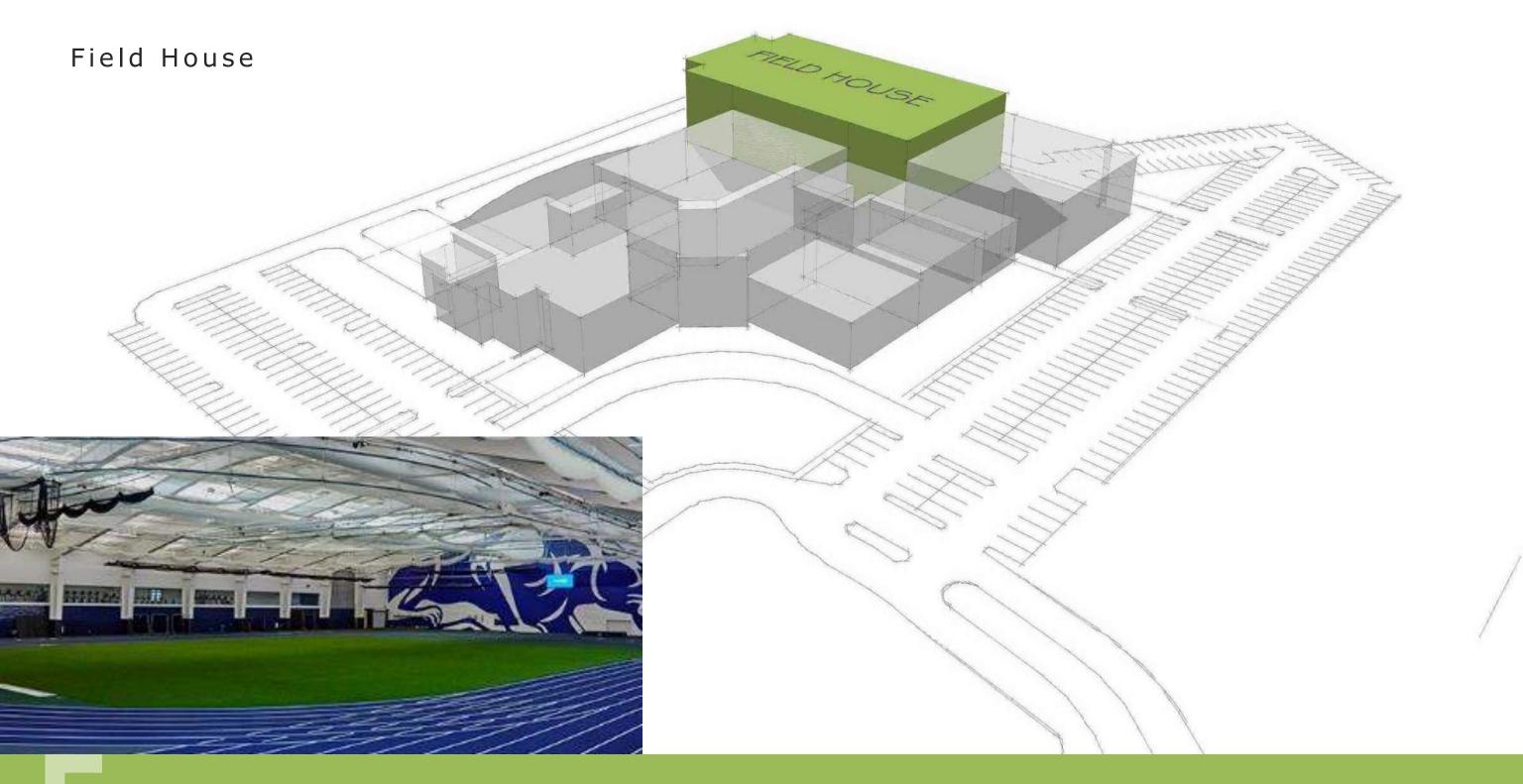


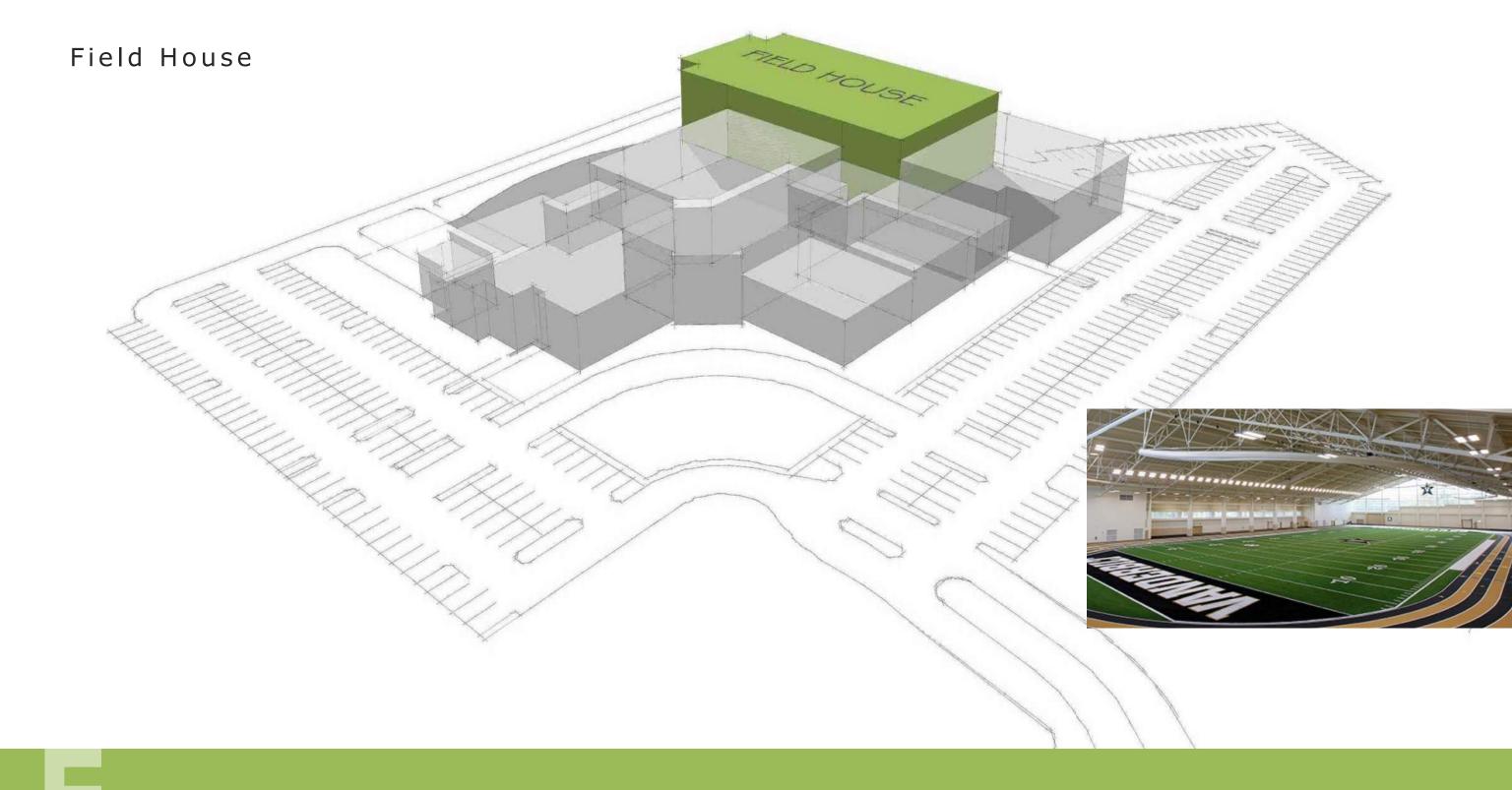


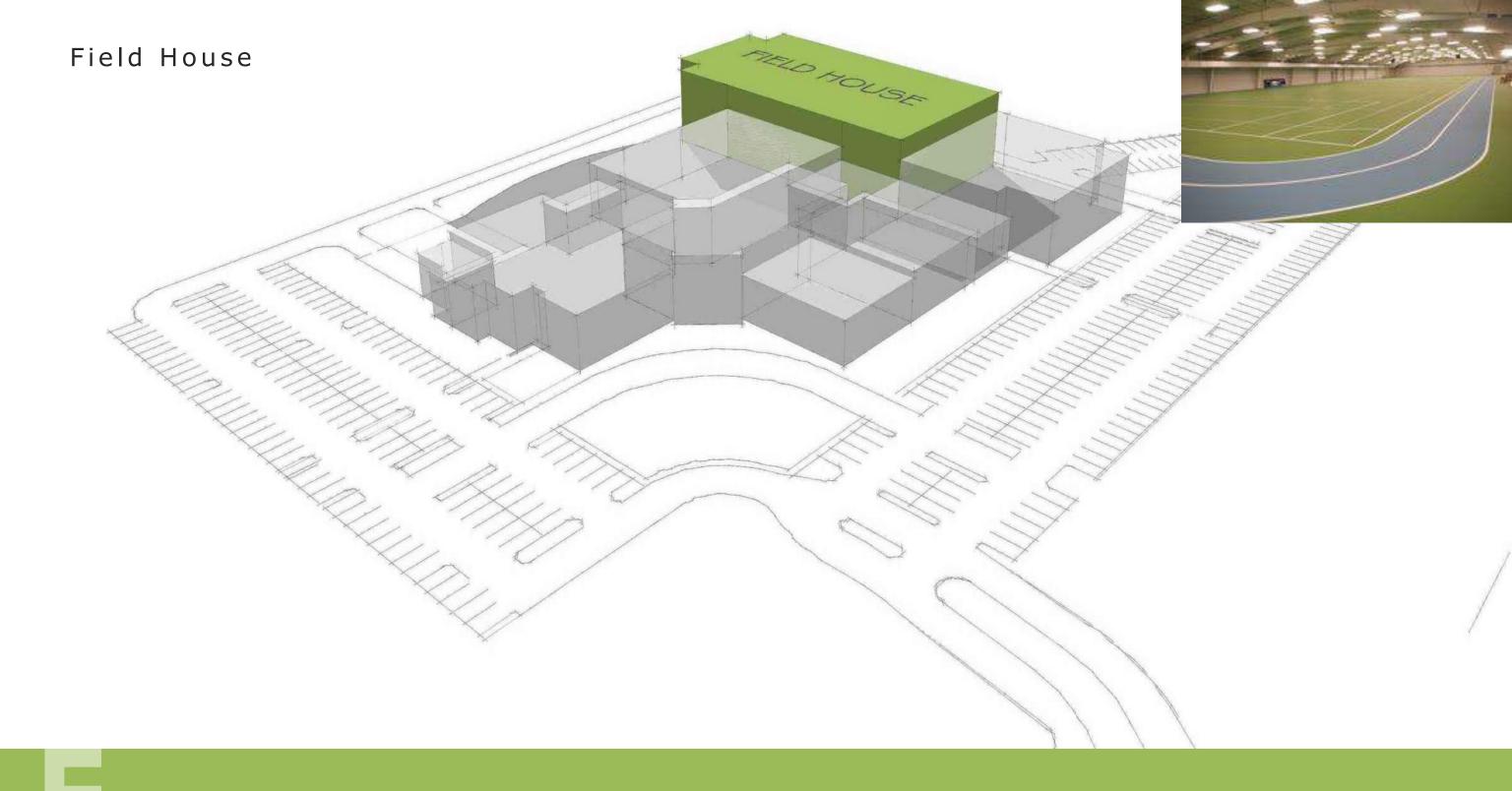


















recommendations











recommendations





recommendations

questions

