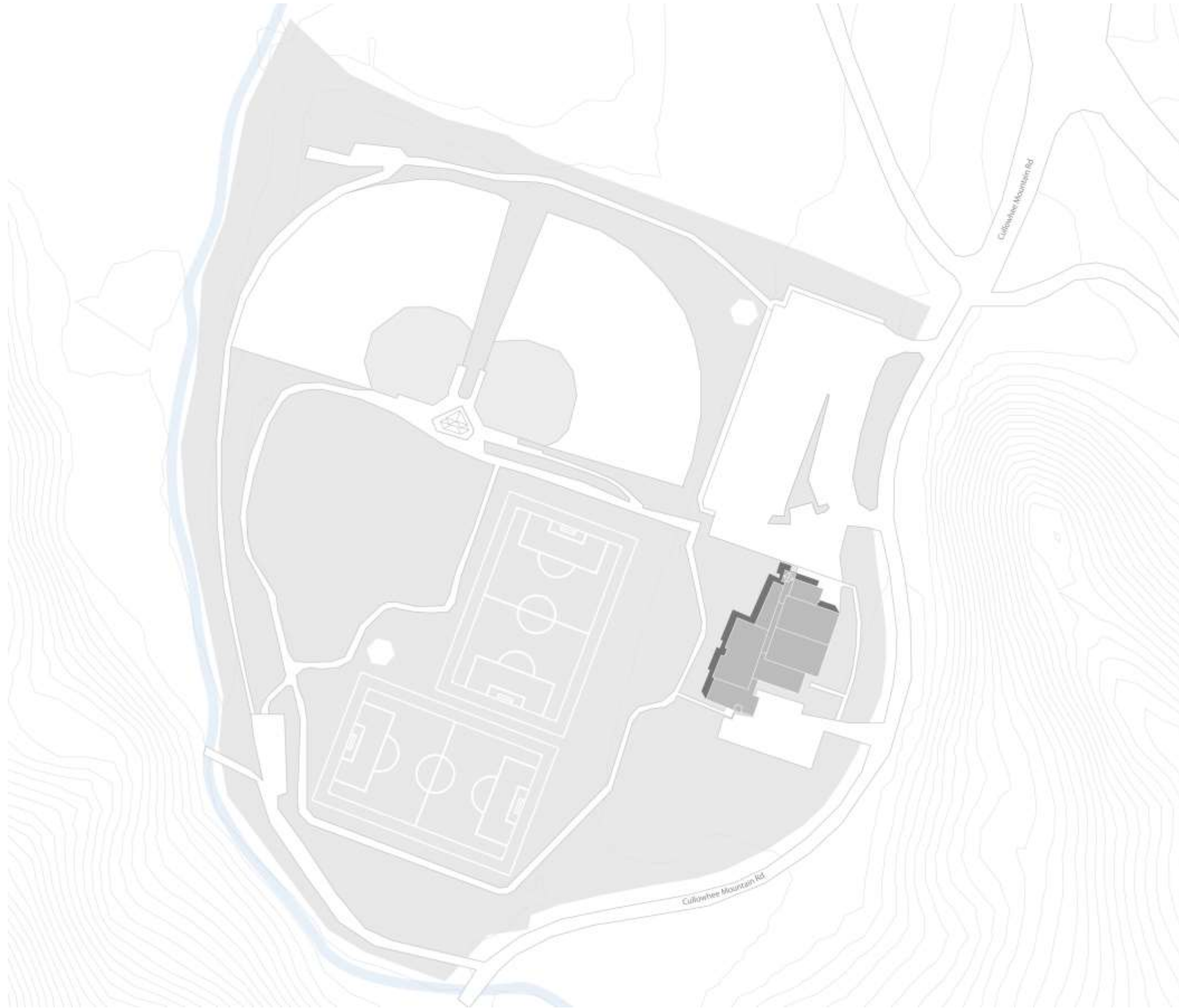




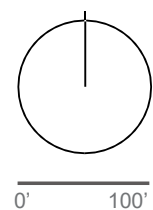
Jackson County Recreation Aquatics Center





PROCESS

- Information gathering with work groups meetings in August and October with representatives Aquatics, Swim Teams High School, Rec Board, Rec Staff
- Operational work session to determine aquatics needs and operating costs
- Existing Building assessment
- Site Assessment
- Preliminary Geo-technical investigation
- Developed two site options

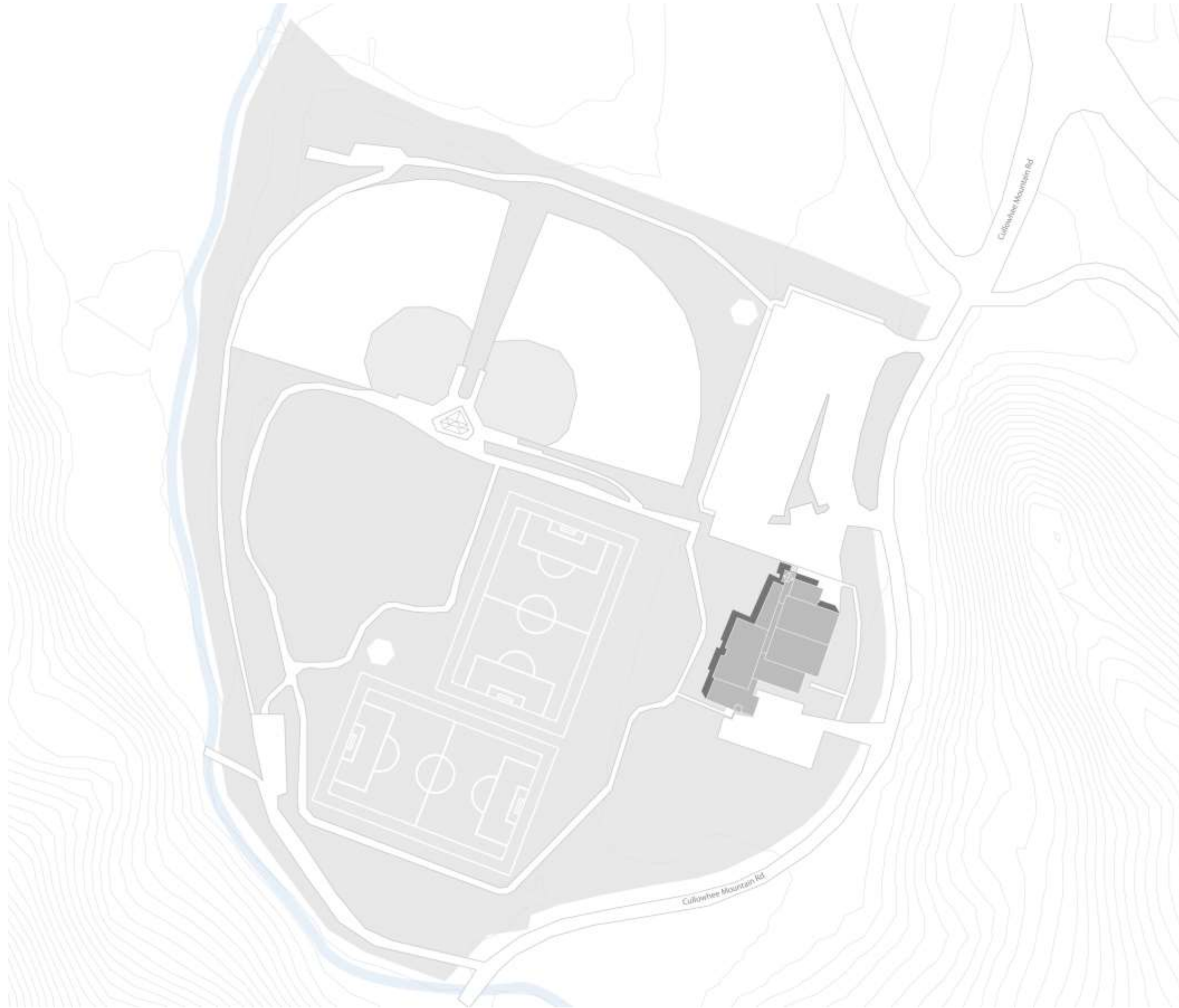


SITE ANALYSIS: EXISTING CONDITION



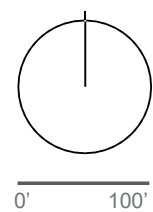
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SITE CONSIDERATIONS

- EXISTING ENTRY SEQUENCE AND APPROACH
- VIEWS OF MOUNTAINS AND PARK AREAS
- ADJACENCY TO EXISTING RECREATION CENTER
- TOPOGRAPHY AND PROPERTY LINE CONSTRAINTS
- VEHICULAR CIRCULATION
- CONNECTION TO EXISTING PARK AMMENITIES
- SITE PLACEMENT THAT ADDRESSES SOLAR HEAT GAIN AND NATURAL DAYLIGHTING

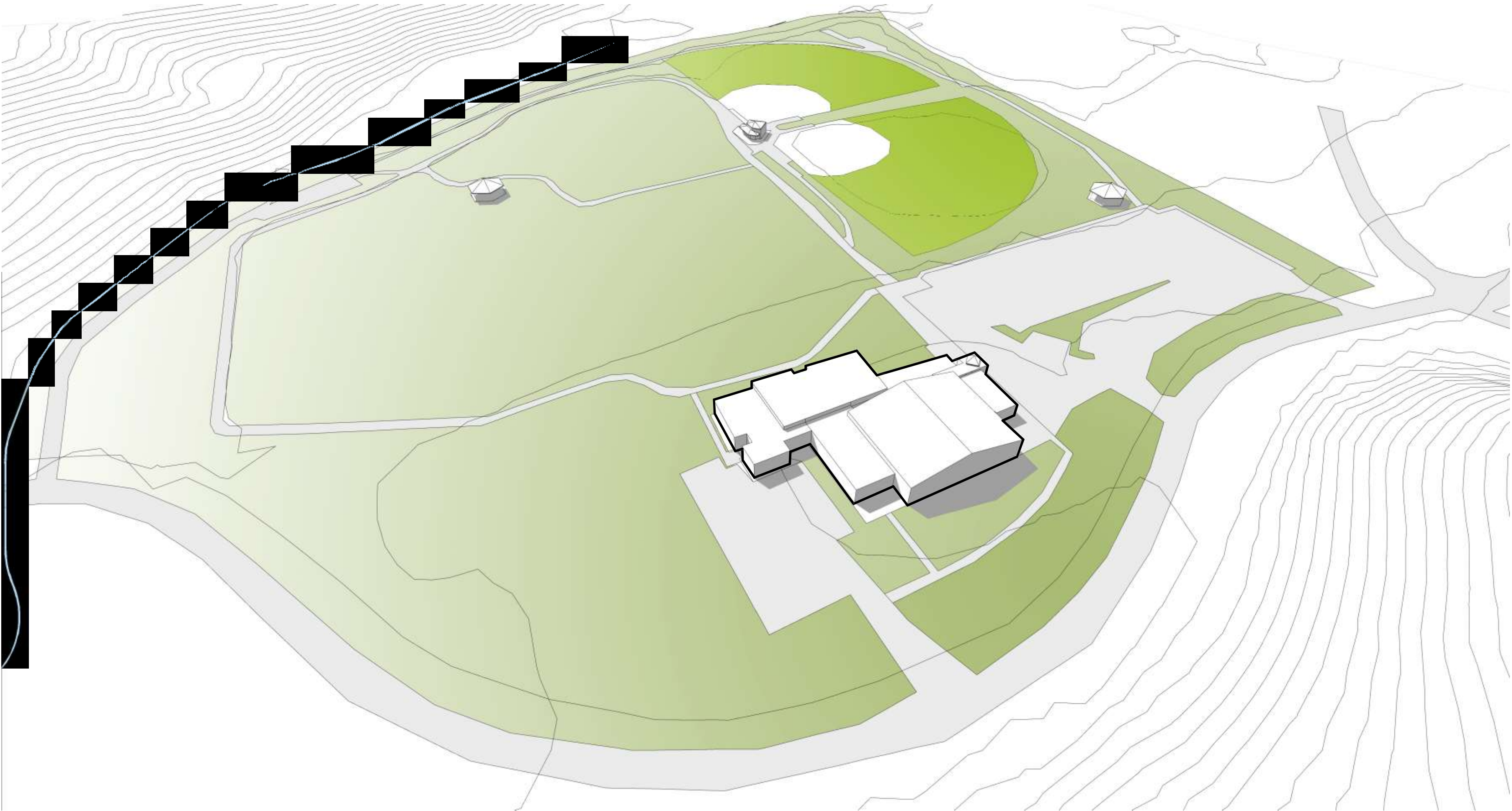


SITE ANALYSIS: EXISTING CONDITION



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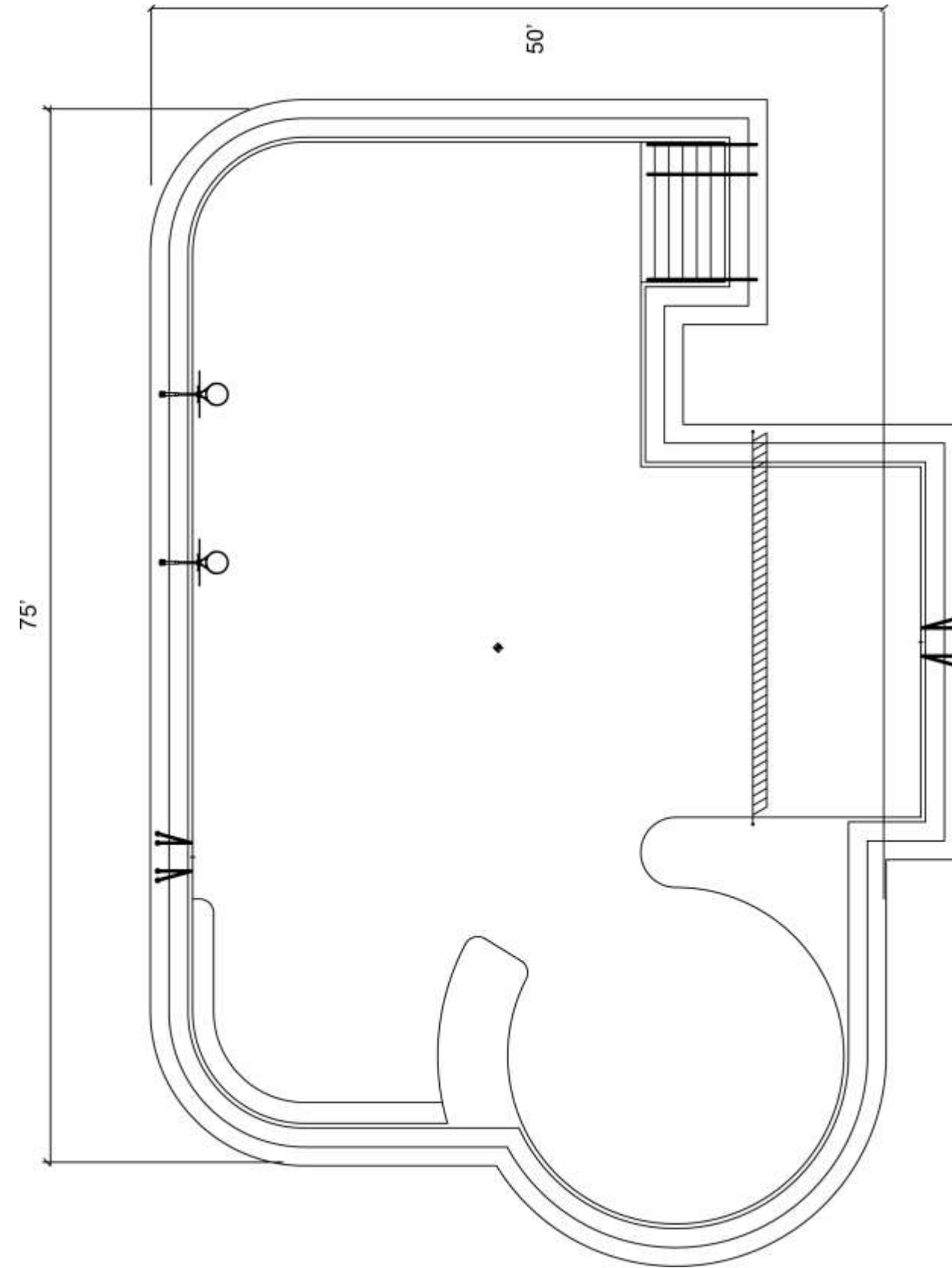


AERIAL VIEW : EXISTING SITE

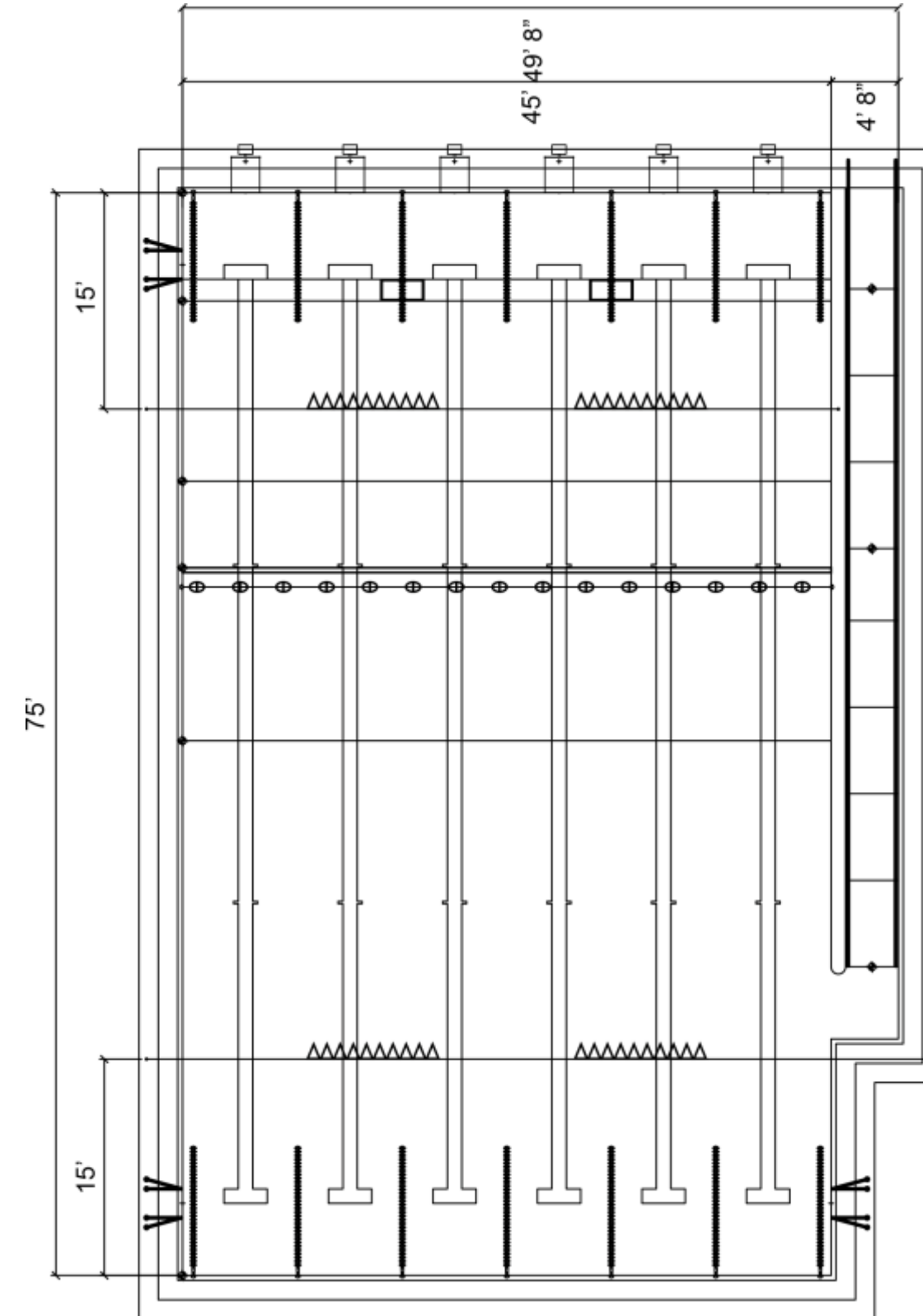


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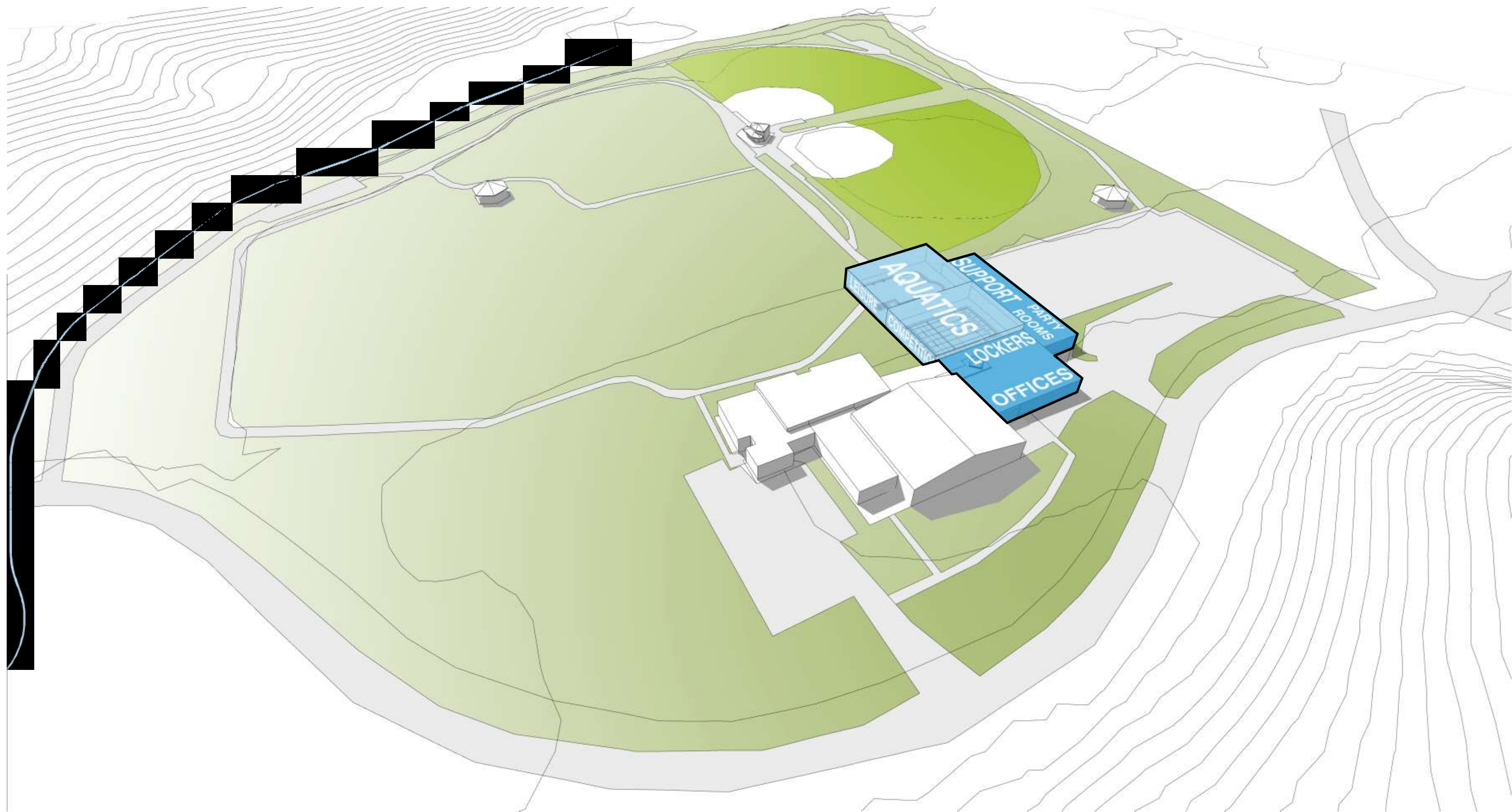




LEISURE POOL : VOLLEYBALL, VORTEX SLIDE,
AND SPLASH PAD

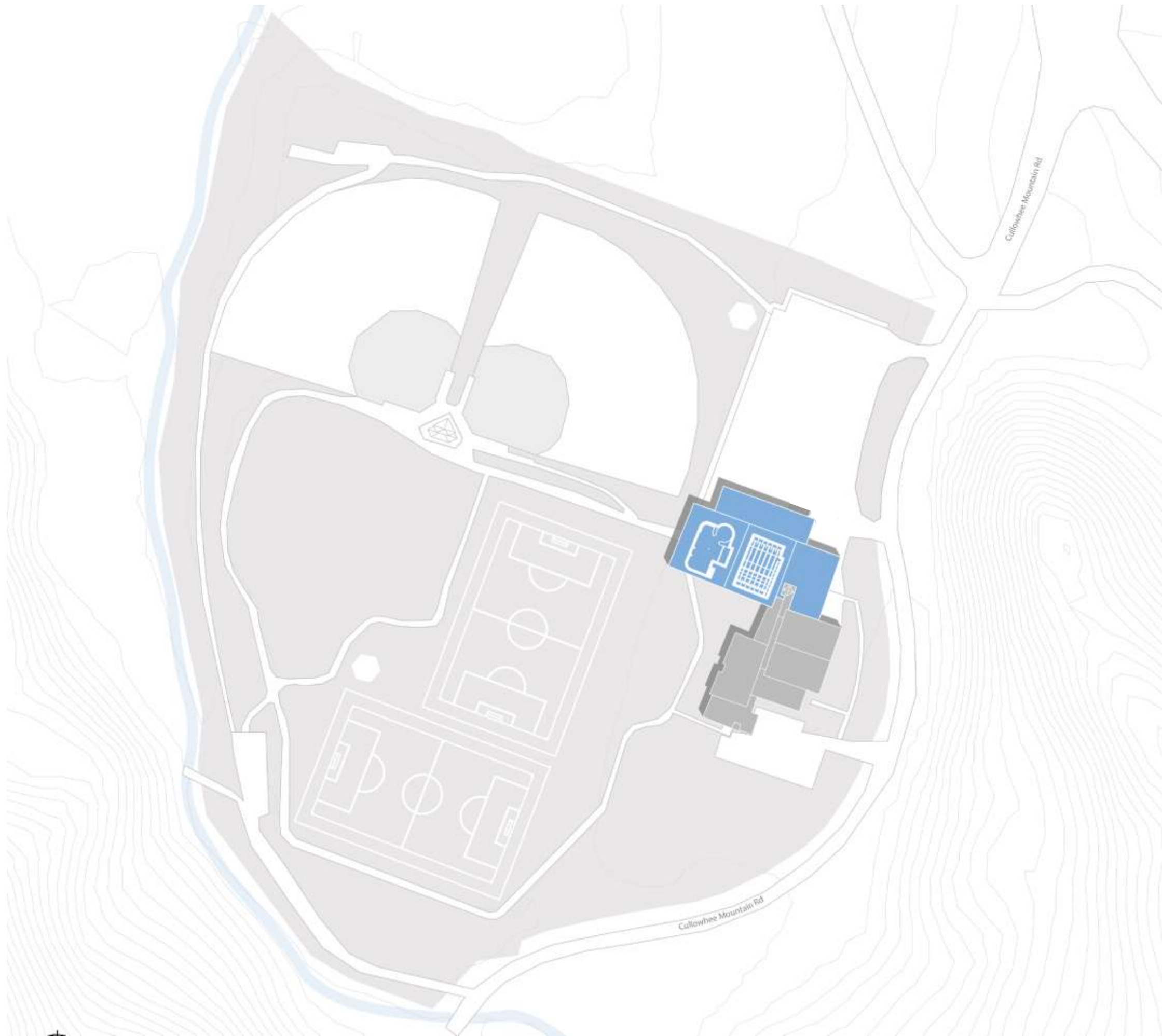


COMPETITION POOL : 6 LANES AT 25 YARDS WITH
AN ACCESSIBLE RAMP



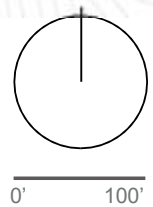
AERIAL VIEW : OPTION B- NORTH





OPTION B - NORTH

- The second option places the aquatics facility to the north of the rec center.

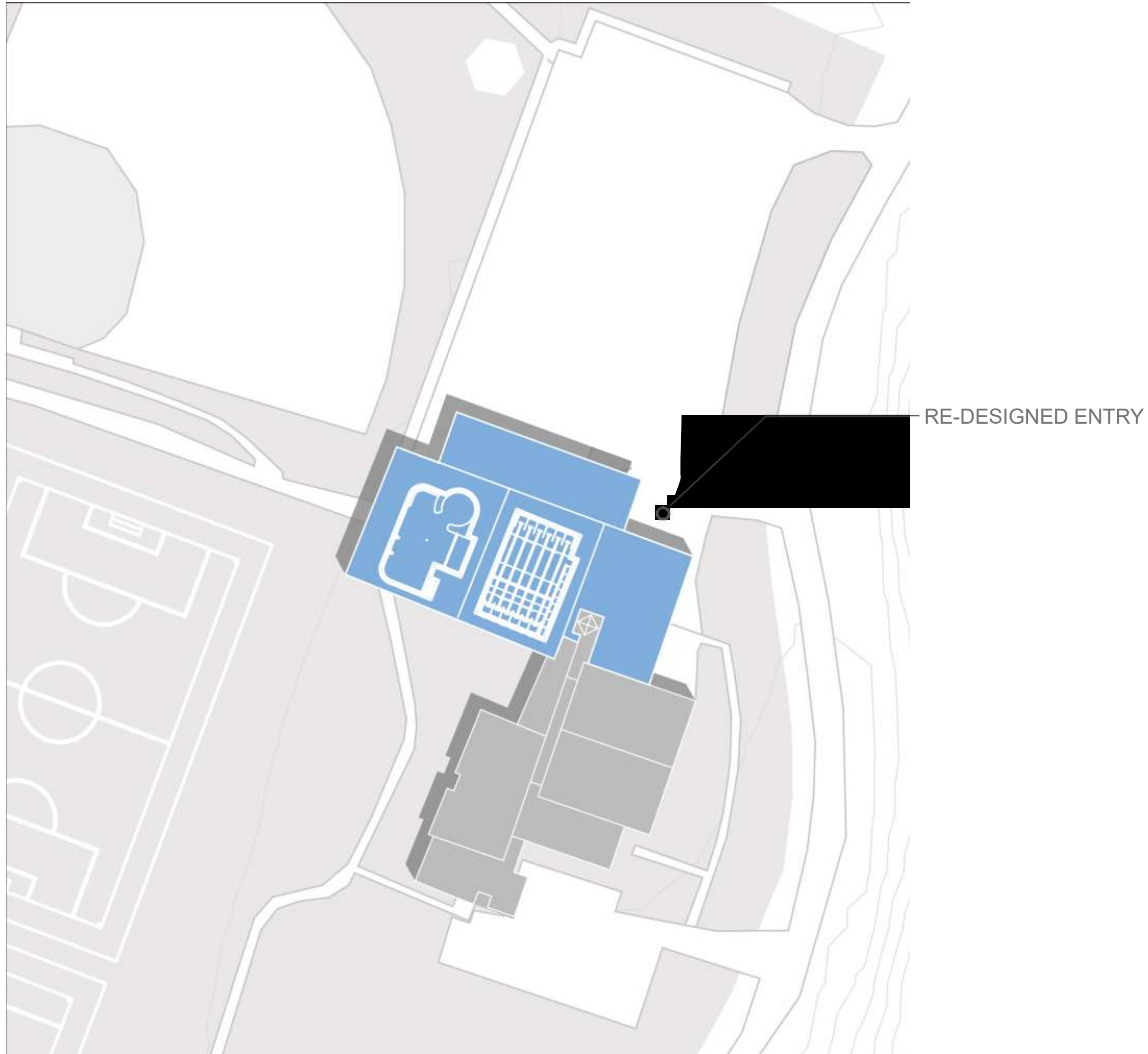


AERIAL VIEW : OPTION B- NORTH



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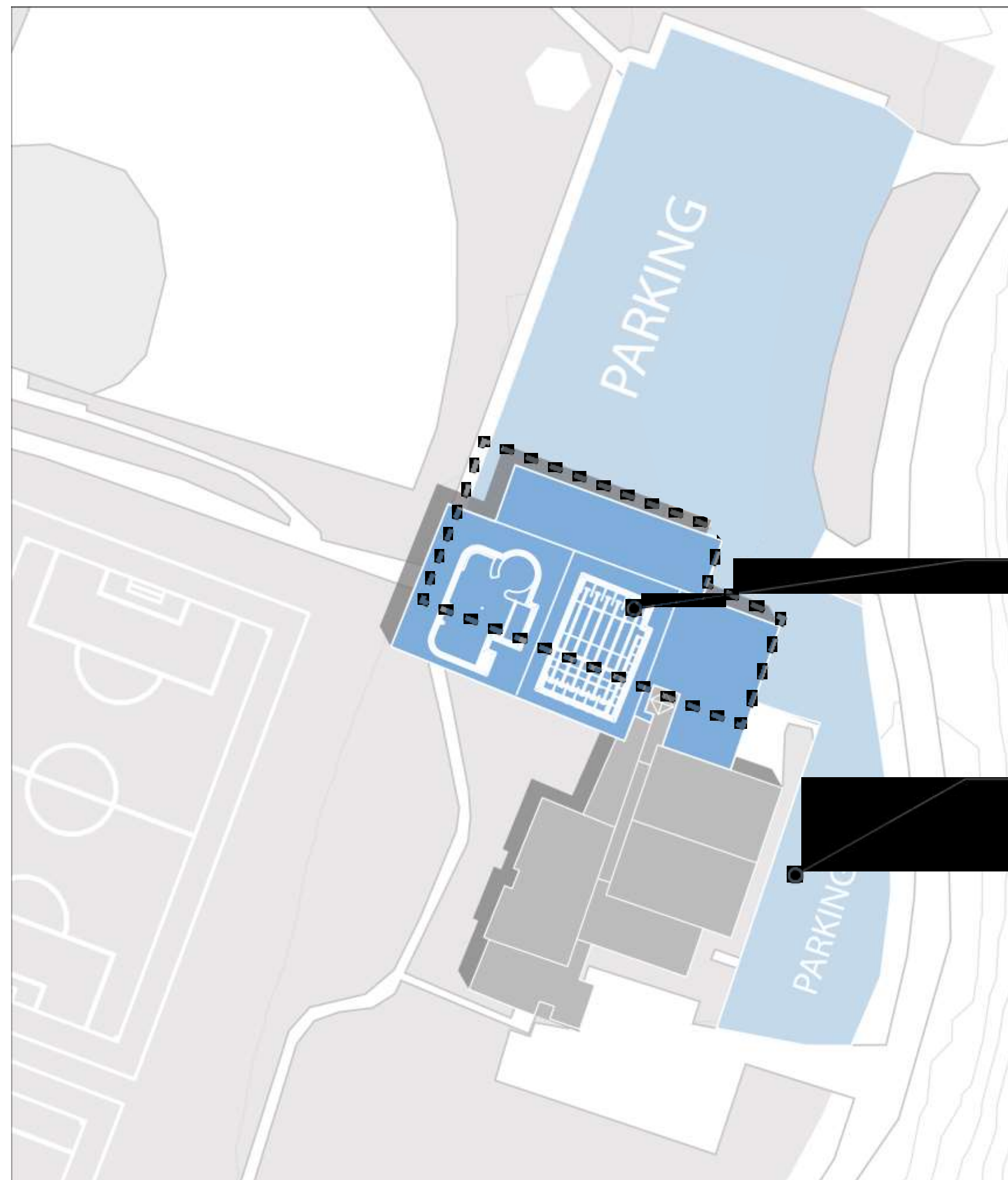


OPTION B - NORTH

- The second option places the aquatics facility to the north of the rec center.
- Similarly to option A the facility will house locker rooms, a competition seating deck, party room spaces, offices and adequate support spaces. It would also have a redesigned entry and front “face” from the road.

AERIAL VIEW : OPTION B- NORTH - ENTRY



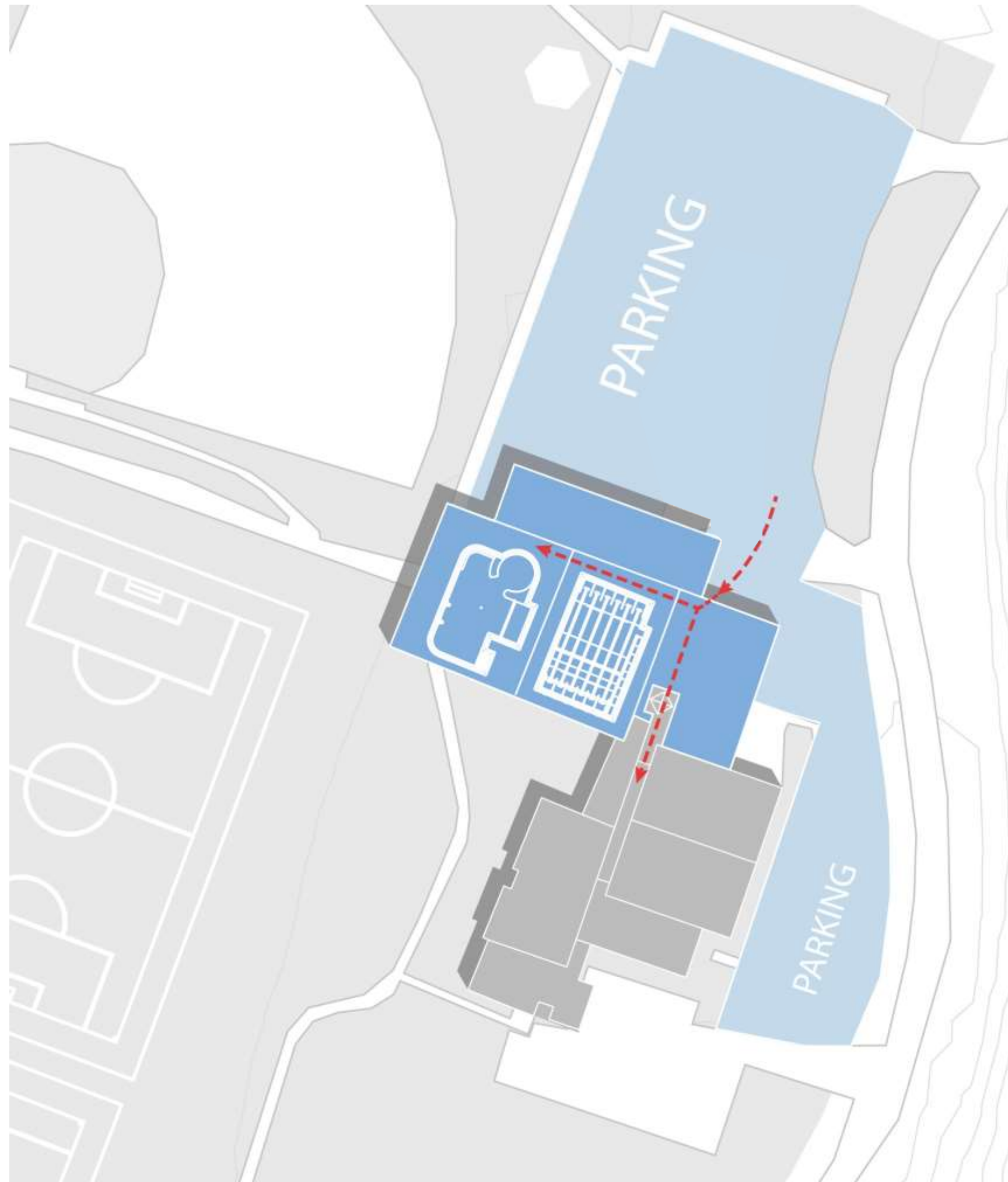


OPTION B - NORTH

- The second option places the aquatics facility to the north of the rec center.
- Similarly to option A the facility will house locker rooms, a competition seating deck, party room spaces, offices and adequate support spaces. It would also have a redesigned entry and front “face” from the road.
- The aquatics location would displace approximately **70** existing spaces and require new parking to be added in order to maintain the current space count.

AERIAL VIEW : OPTION B- NORTH - **PARKING**



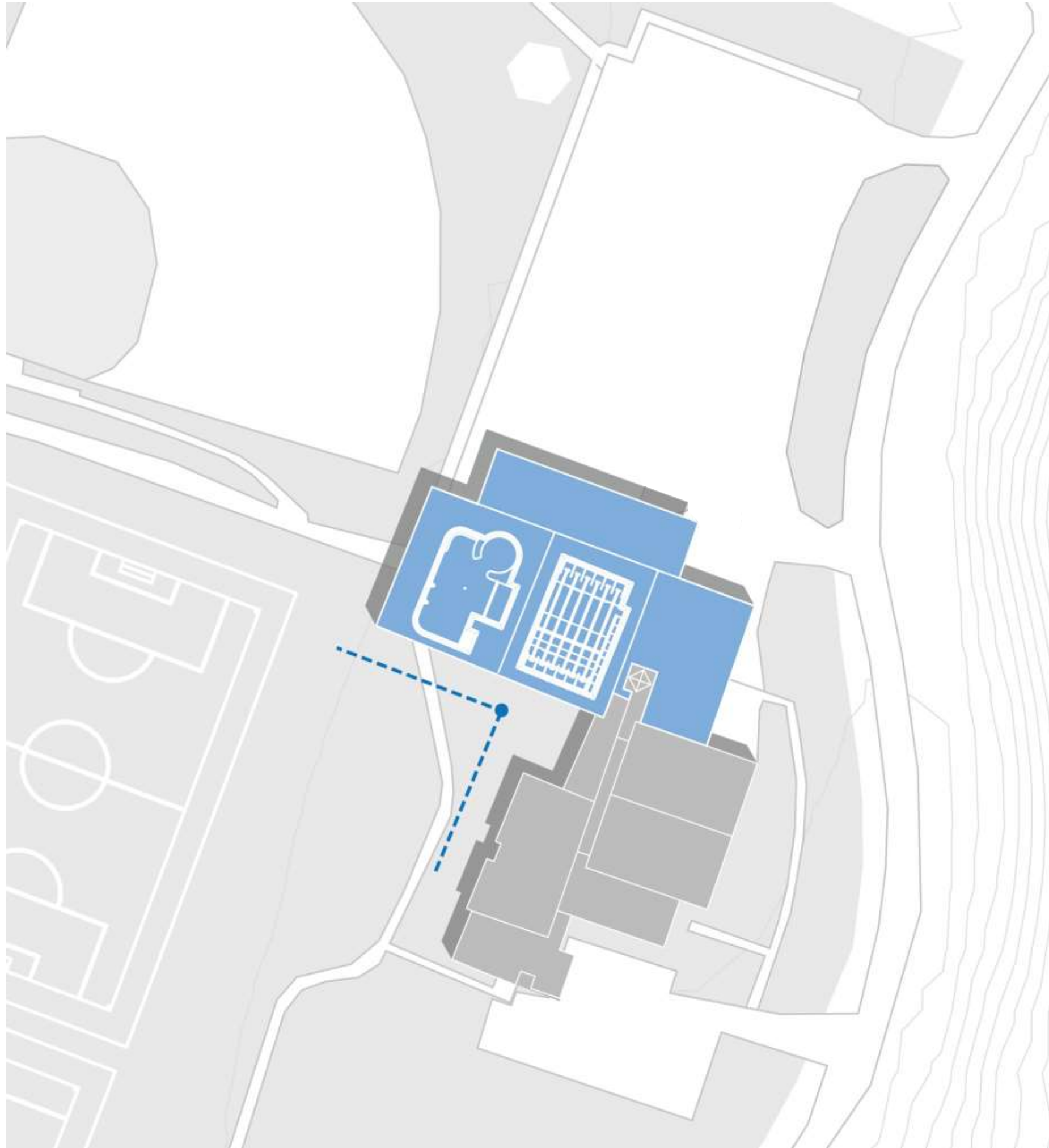


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- Visitor circulation would have one access point for both facilities.

AERIAL VIEW : OPTION B- NORTH - **CIRCULATION**





AERIAL VIEW : OPTION B- NORTH - **VIEWS**



OPTION B - NORTH

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- The aquatics location would displace approximately **70** existing spaces and require new parking to be added in order to maintain the current space count.
- Visitor circulation would have one access point for both facilities.
- Positioning the pools along an east-to-west axis with southern facing exposer takes advantage of the solar orientation and frames a view of the park and mountains. Much like option A this allows for a visual connection between the new facility and existing exterior spaces.



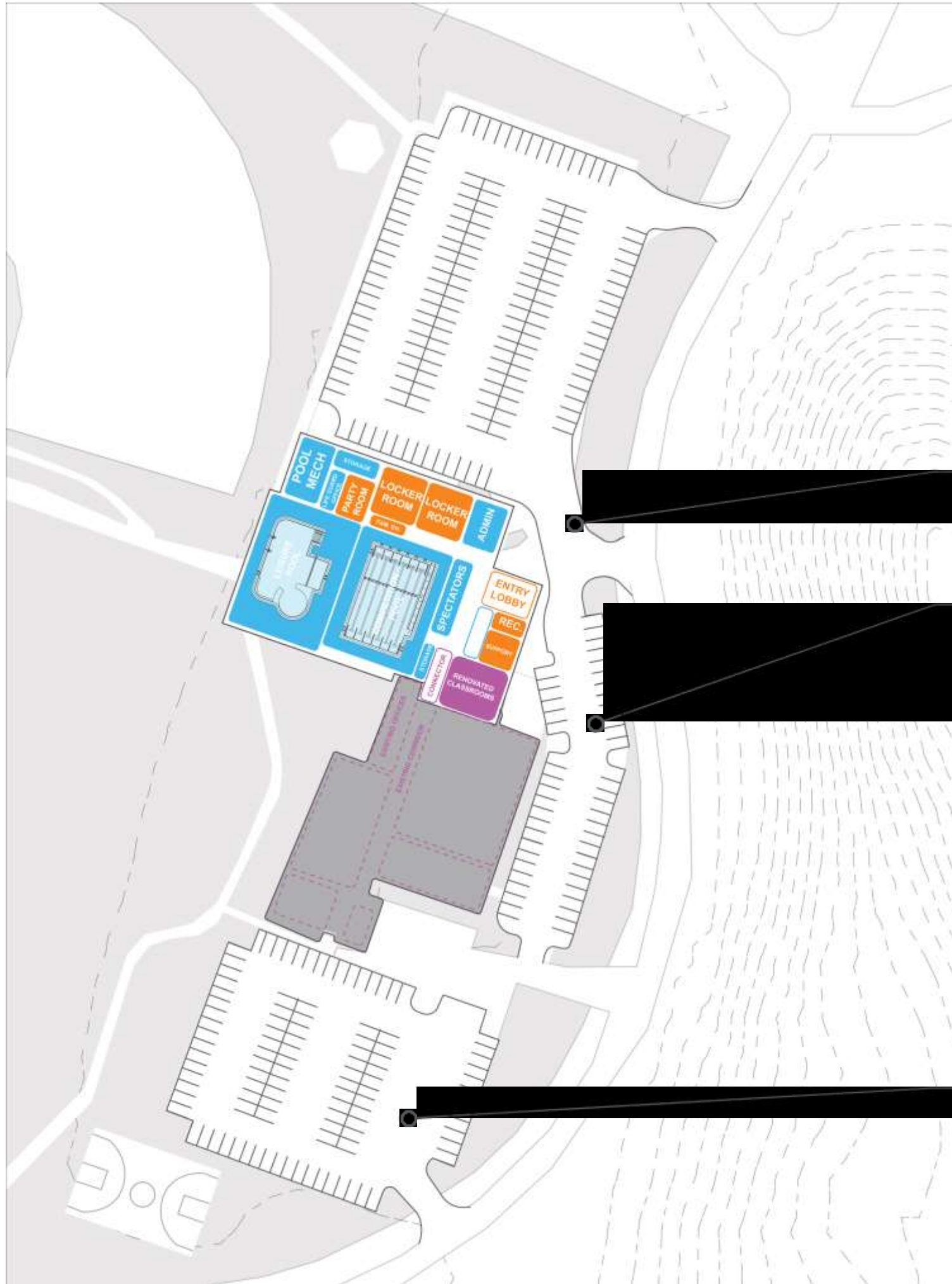


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- Visitor circulation would have one access point for both facilities.
- Positioning the pools along an east-to-west axis with southern facing exposer takes advantage of the solar orientation and frames a view of the park and mountains. Much like option A this allows for a visual connection between the new facility and existing exterior spaces.
- Exterior spaces can be created adjacent to the pools and the park.

AERIAL VIEW : OPTION B- NORTH - **CIRCULATION**



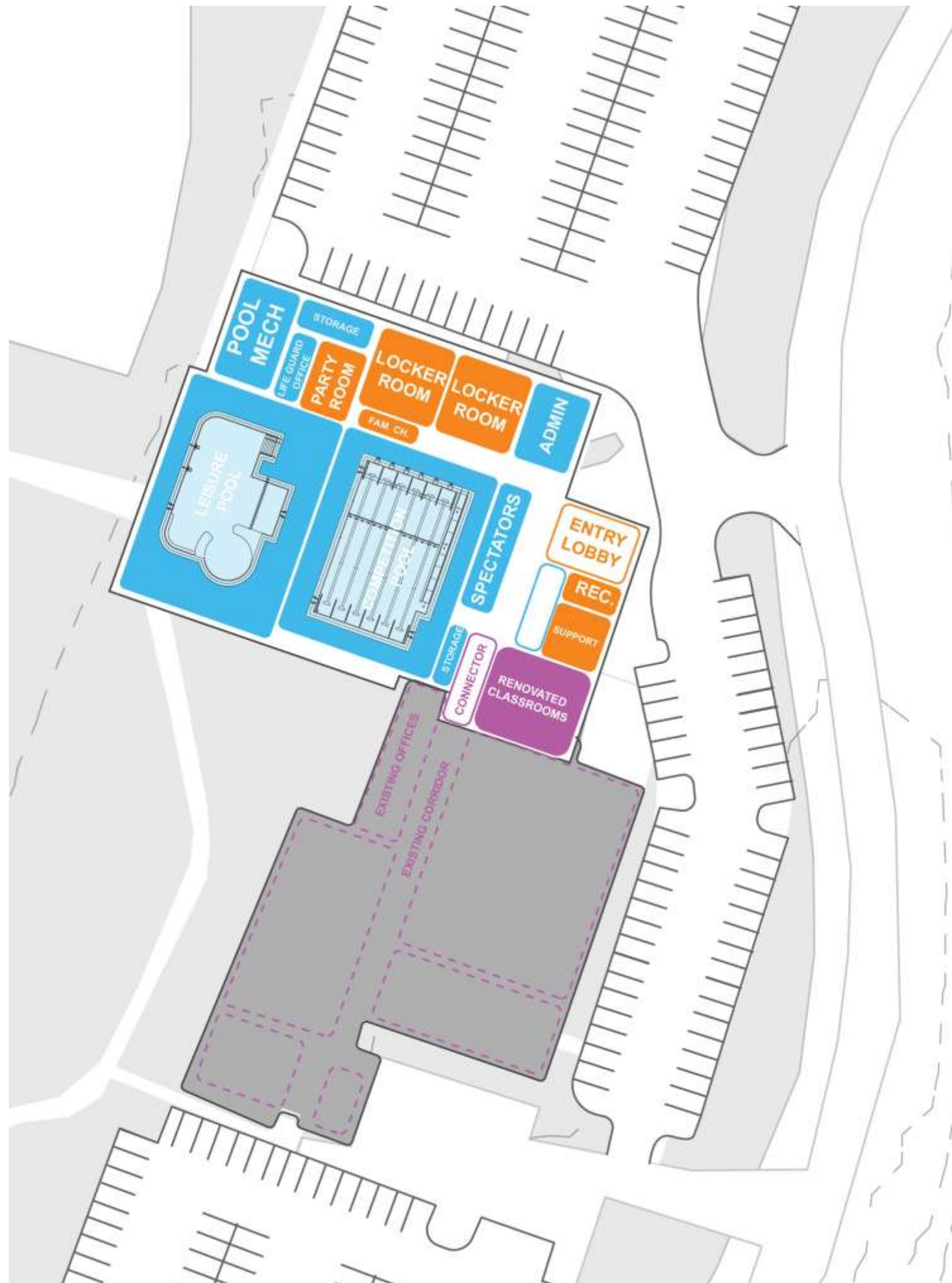


OPTION B - NORTH - ADJACENCY DIAGRAM

- The displaced parking is replaced and added to the east and south of the existing rec center.

ADJACENCY LAYOUT : OPTION B - NORTH



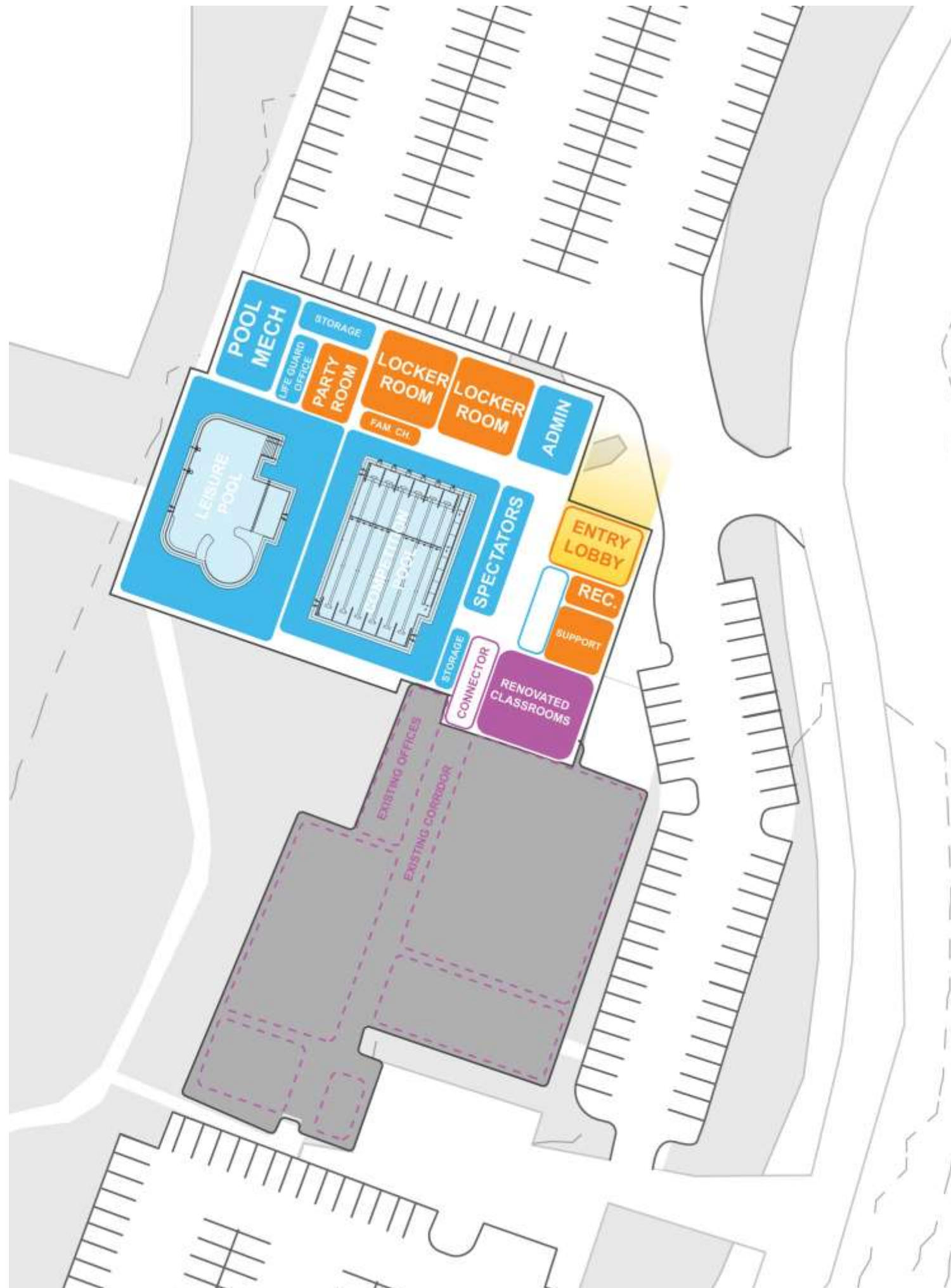


OPTION B - NORTH - PROGRAM STUDY

- The displaced parking is replaced and added to the east and south of the existing rec center.
- Views from aquatics center are directed toward the south and west keeping a visual connection to the park and optimizing solar orientations.

ADJACENCY LAYOUT: OPTION B - NORTH ENLARGED



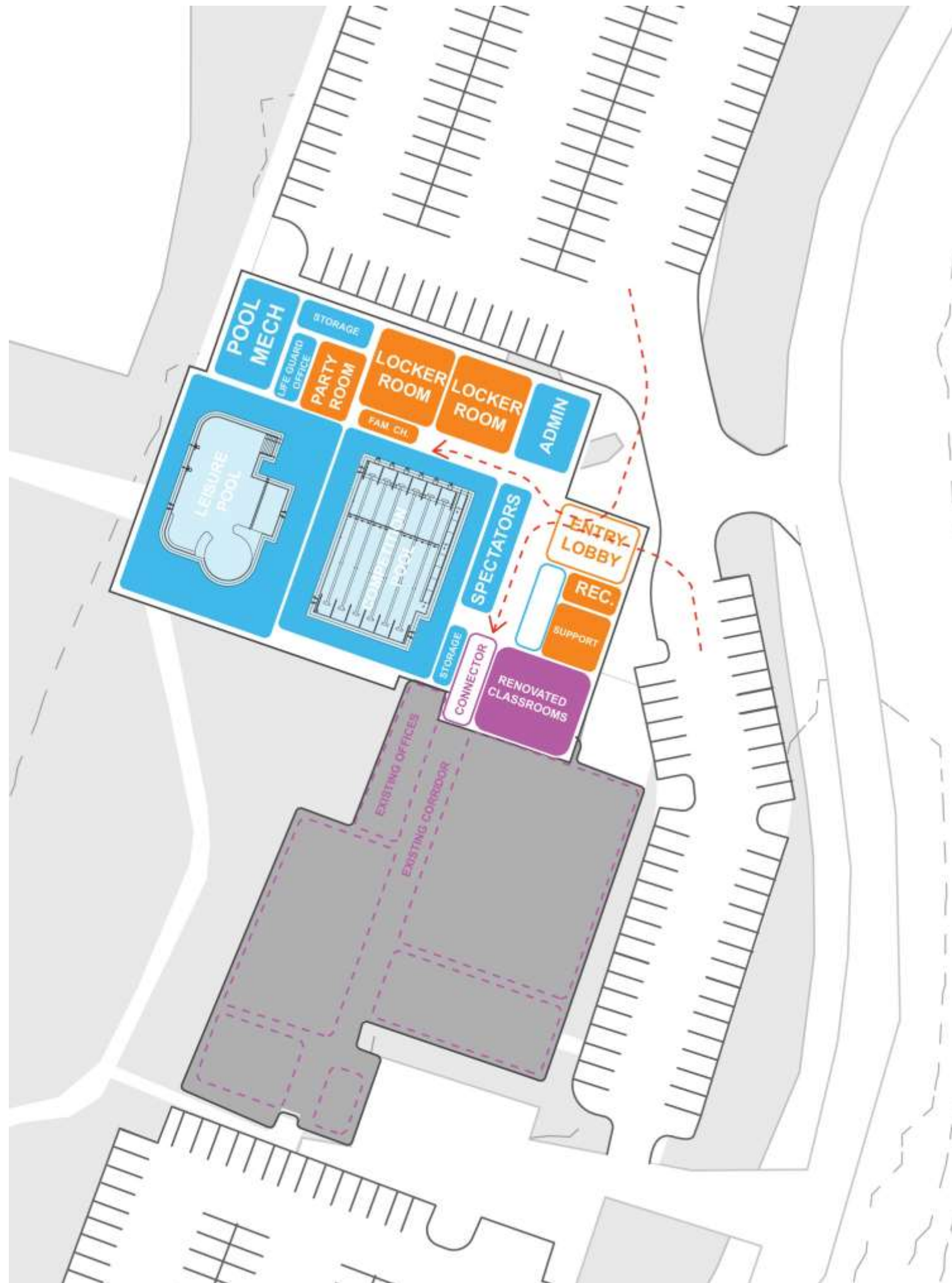


OPTION B - NORTH - ENTRY

- The displaced parking is replaced and added to the east and south of the existing rec center.
- Views from aquatics center are directed toward the south and west keeping a visual connection to the park and optimizing solar orientations.
- A new clear and central entry is established.

ADJACENCY LAYOUT: OPTION B - ENTRY



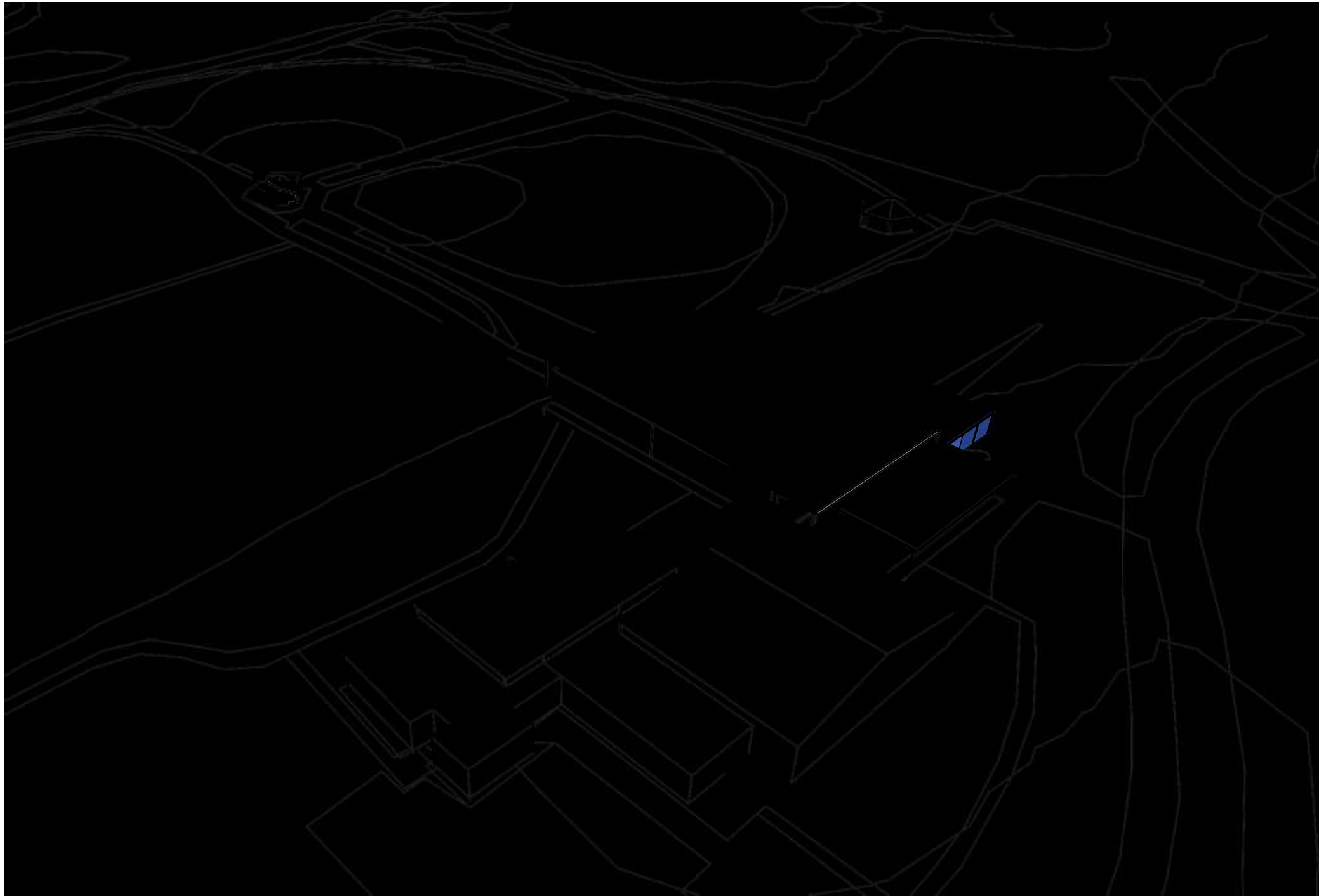
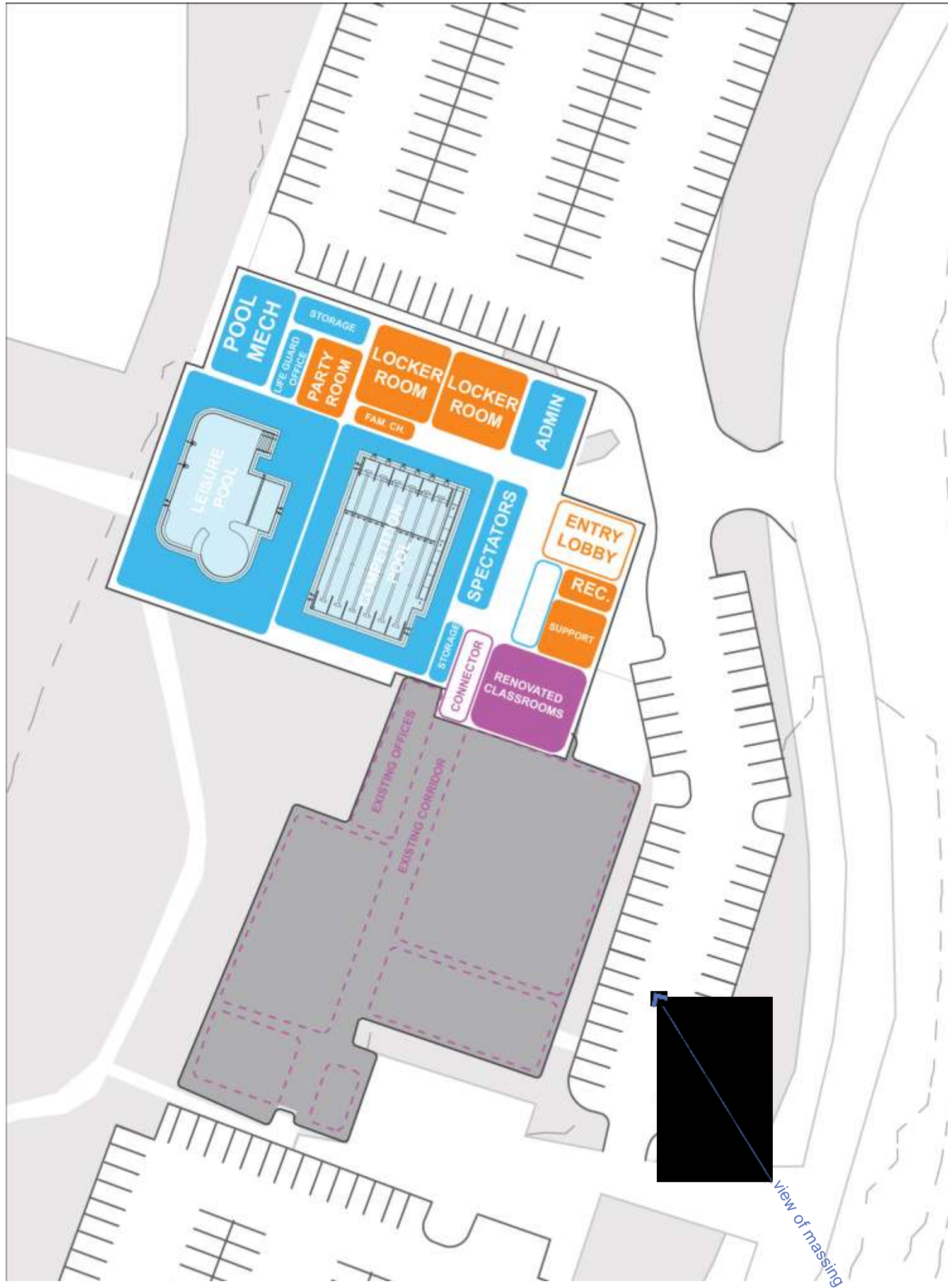


OPTION B - NORTH - CIRCULATION

- The displaced parking is replaced and added to the east and south of the existing rec center.
- Views from aquatic center are directed toward the south and west keeping a visual connection to the park and optimizing solar orientations.
- A new clear and central entry is established.
- Circulation through the new entry to the rec center or to the aquatic center

ADJACENCY LAYOUT: OPTION B - CIRCULATION





ADJACENCY LAYOUT: OPTION B - MASSING VIEW



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Conceptual Budgeting - Jackson County Aquatics							
	SF						
Division 1-General Requirements	30,800		@	\$ 34.00	psf	\$ 1,047,200.00	
Division 2 - Site Construction	30,800		@	\$ 3.00	psf	\$ 92,400.00	
Division 3- Concrete	30,800		@	\$ 15.00	psf	\$ 462,000.00	
Dvision 4-Masonry	30,800		@	\$ 15.00	psf	\$ 462,000.00	
Dvision 5-Metals	30,800		@	\$ 60.00	psf	\$ 1,848,000.00	
Division 6-Wood and Plastics	30,800		@	\$ 3.00	psf	\$ 92,400.00	
Division 7-Thermal and moisture protection	30,800		@	\$ 28.00	psf	\$ 862,400.00	
Division 8-Doors and Windows	30,800		@	\$ 27.00	psf	\$ 831,600.00	
Divison 9-Finishes	30,800		@	\$ 24.00	psf	\$ 739,200.00	
Division 10- Specialties	30,800		@	\$ 2.50	psf	\$ 77,000.00	
Division 11-Equipment	30,800		@	\$ 2.00	psf	\$ 61,600.00	
Division 12-Furnishings	30,800		@	\$ 2.00	psf	\$ 61,600.00	
Divison 13-Specialty Construction	30,800		@	\$ 75.00	psf	\$ 2,310,000.00	
Division 14-Conveying	30,800		@	\$ -	psf	\$ -	
Division 21-Fire Suppression	30,800		@	\$ 3.50	psf	\$ 107,800.00	
Division 22-Plumbing	30,800		@	\$ 12.00	psf	\$ 369,600.00	
Division 23-HVAC	30,800		@	\$ 32.00	psf	\$ 985,600.00	
Division 26 -Electrical	30,800		@	\$ 30.00	psf	\$ 924,000.00	
Division 27-Communications	30,800		@	\$ 3.00	psf	\$ 92,400.00	
Division 28-Electronic Safety and Security	30,800		@	\$ 2.00	psf	\$ 61,600.00	
Division 31 -Earthwork	4		@	\$ 450,000.00	per acre	\$ 1,800,000.00	
Divisioni 32 -Exterior improvements	4		@	\$ 75,000.00	per acre	\$ 300,000.00	
Division 33-Utilities	30,800		@	\$ 4.00	psf	\$ 123,200.00	
Total cost in 2020 dollars						\$ 13,711,600.00	
Escalation-Assumed Design start in Jan. 2021, Construction begin June 2022, construction complete January 2024*		27.0 month	@	.5% per month	13.500%	\$ 1,851,066.00	
*Escalation is to the mid point of construction							
Sub total						\$ 15,562,666.00	
CM Fee					5.0%	\$ 778,133.30	
Sub total						\$ 16,340,799.30	
Bonds and insurance					1.5%	\$ 245,111.99	
Grand Total Construction costs						\$ 16,585,911.29	
Owner Contingency					5.0%	\$ 829,295.56	
Soft Costs(AE fees, CM pre-con fee, survey, permitting, geotech, special inspector, material testing agent, Air Monitoring etc.)					11.0%	\$ 1,915,672.75	
Furniture, fixture, equipment	30,800	sf	@	\$ 8.00		\$ 246,400.00	
Technology/ Equipment	30,800	sf	@	\$ 4.00		\$ 123,200.00	
Total Project costs						\$ 19,700,479.61	

