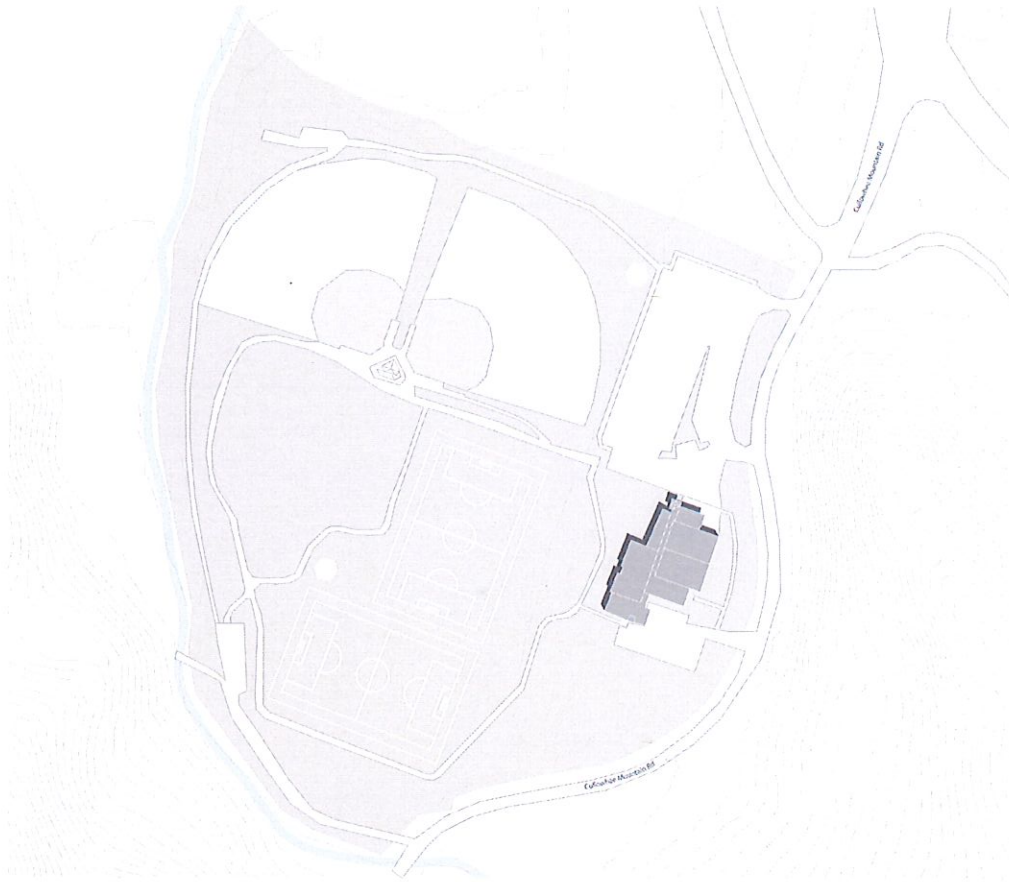




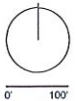
Jackson County Recreation Aquatics Center

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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

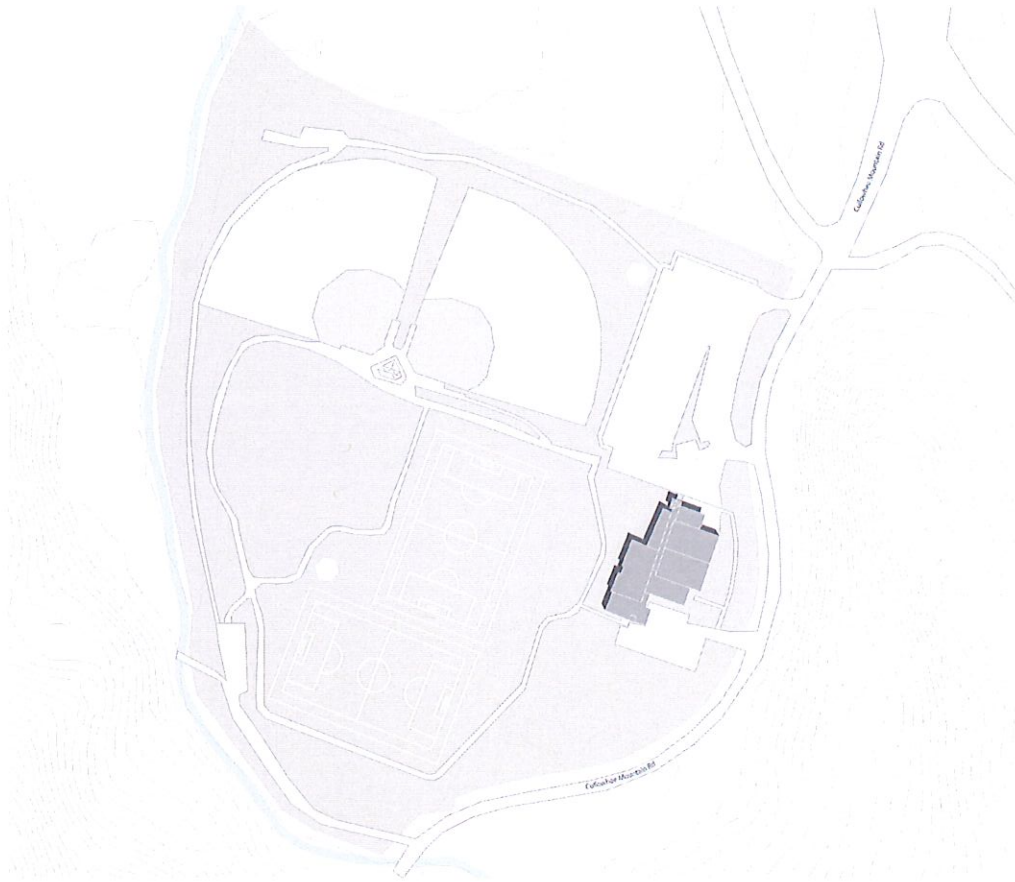


SITE ANALYSIS: EXISTING CONDITION



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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 AMENITIES
- SITE PLACEMENT THAT ADDRESSES SOLAR HEAT GAIN AND NATURAL DAYLIGHTING

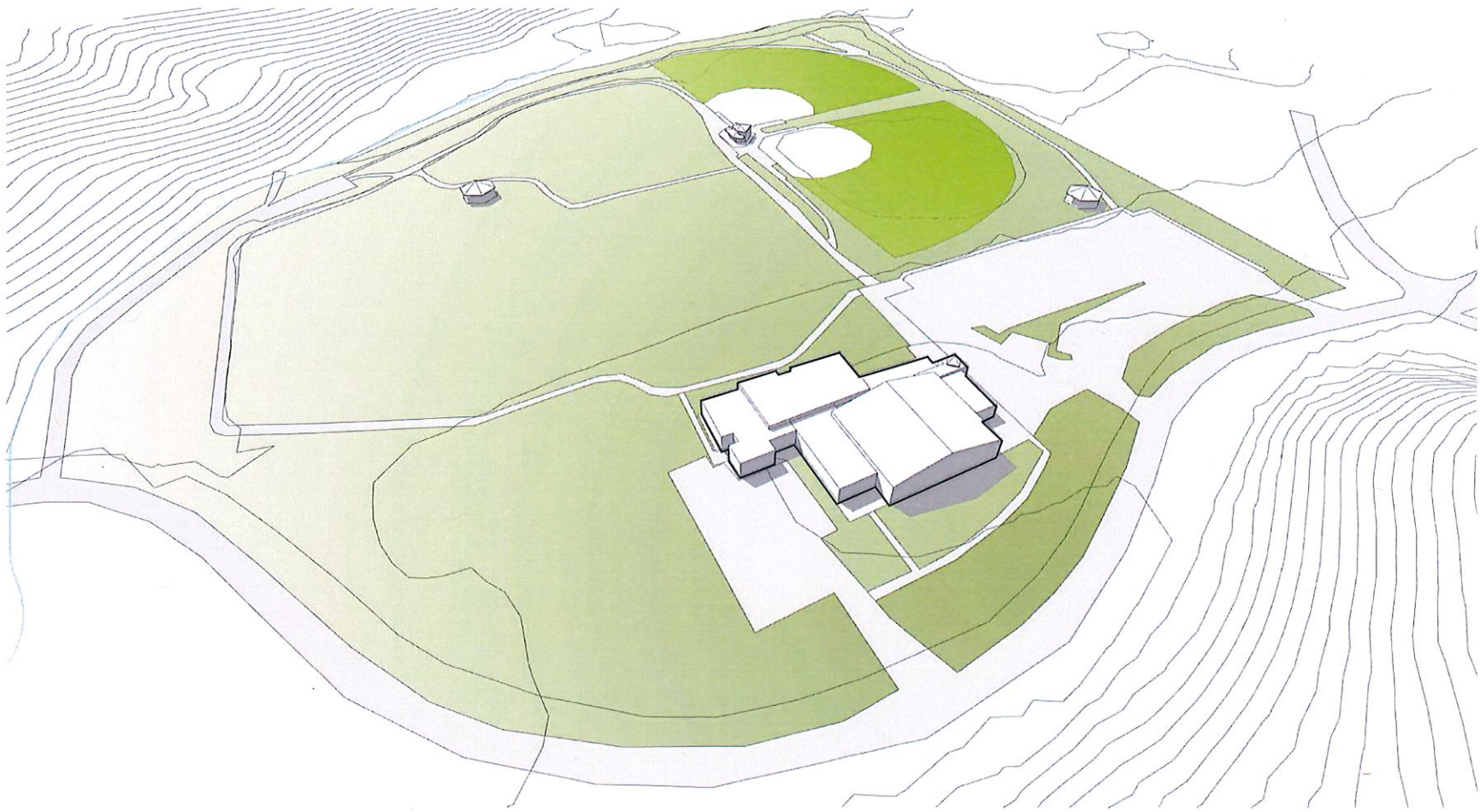


SITE ANALYSIS: EXISTING CONDITION



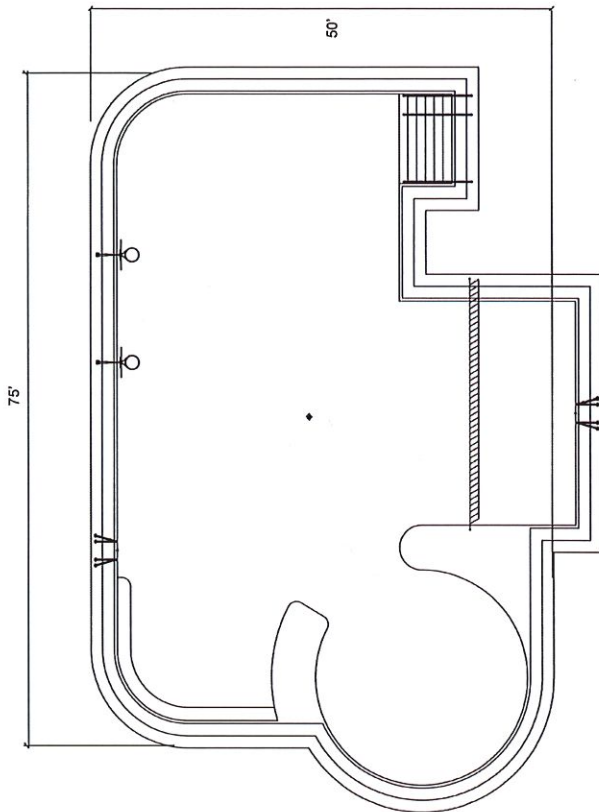
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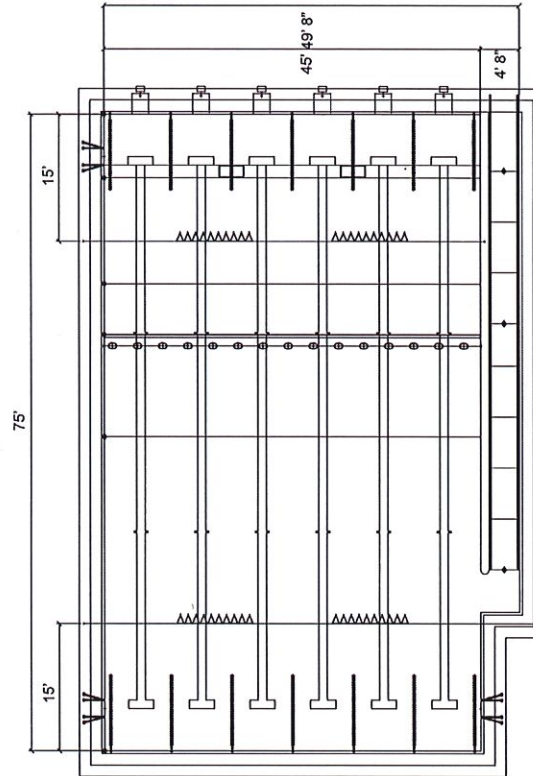


AERIAL VIEW : EXISTING SITE





LEISURE POOL : VOLLEYBALL, VORTEX SLIDE,
AND SPLASH PAD



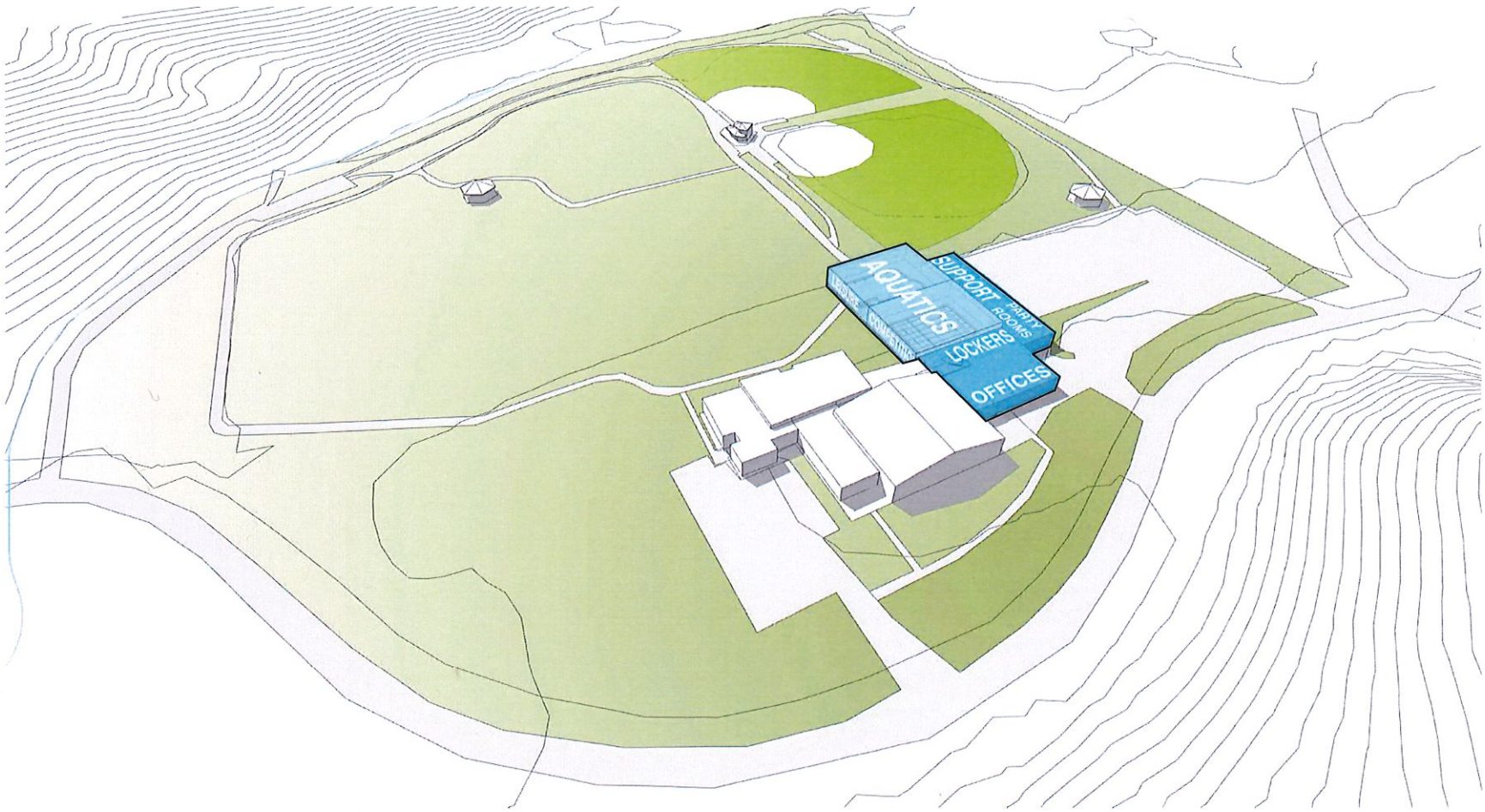
COMPETITION POOL : 6 LANES AT 25 YARDS WITH
AN ACCESSIBLE RAMP

SWIMMING POOL LAYOUT OPTIONS



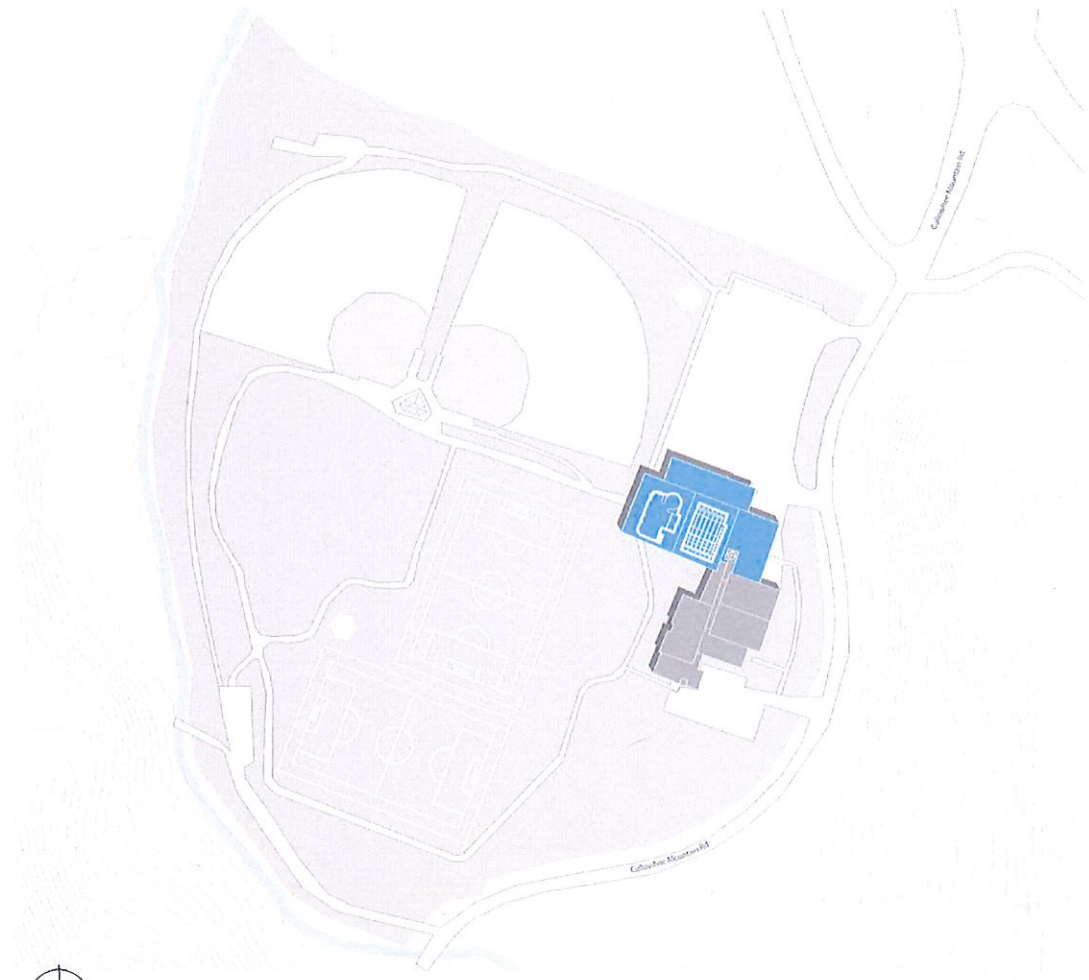
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AERIAL VIEW : OPTION B- NORTH





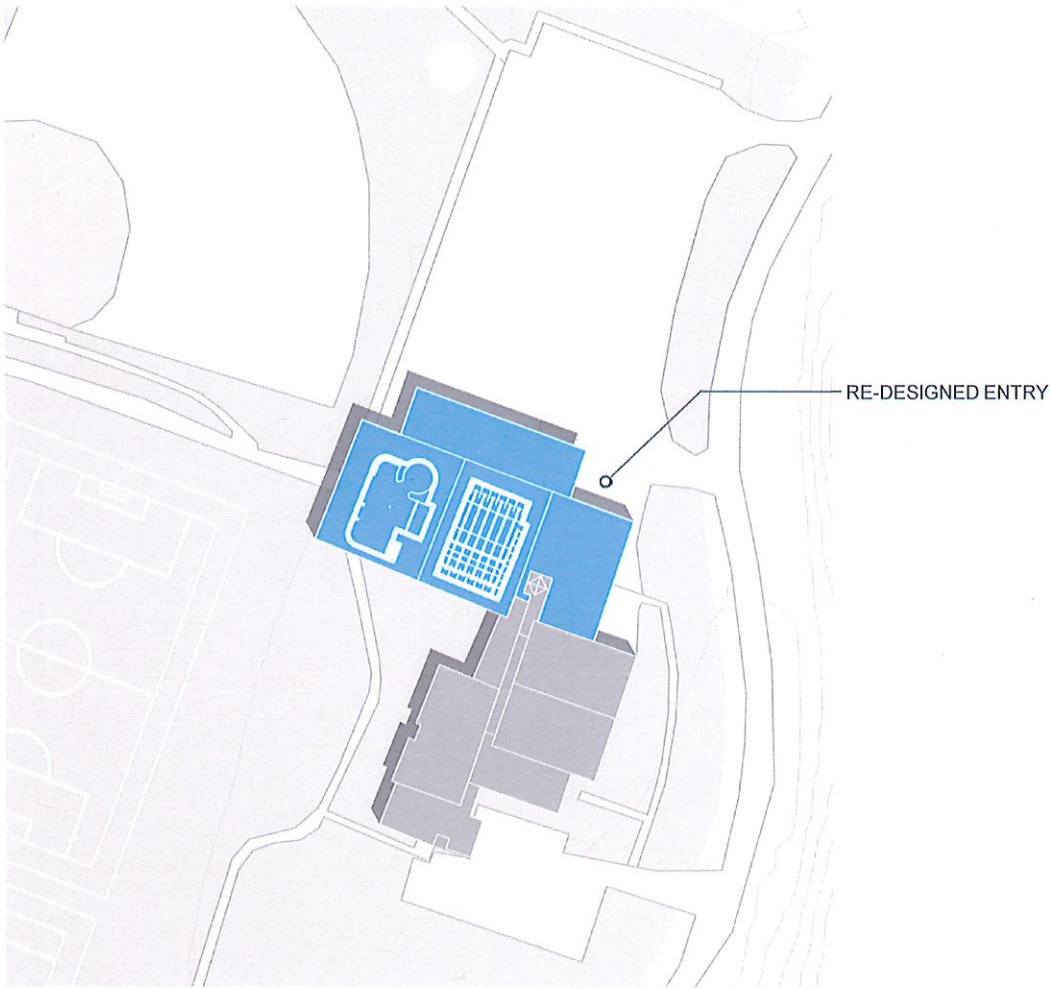
OPTION B - NORTH

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



AERIAL VIEW : OPTION B- NORTH



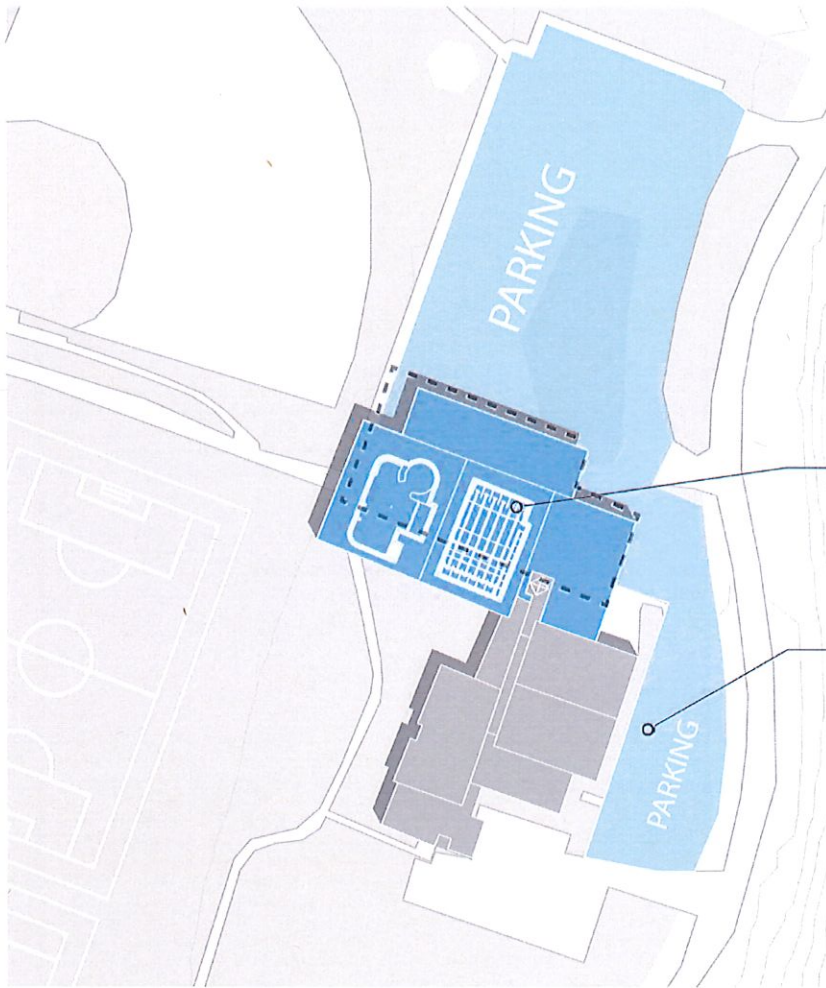


AERIAL VIEW : OPTION B- NORTH - ENTRY

OPTION B - NORTH

- The second option places the aquatic 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 - PARKING

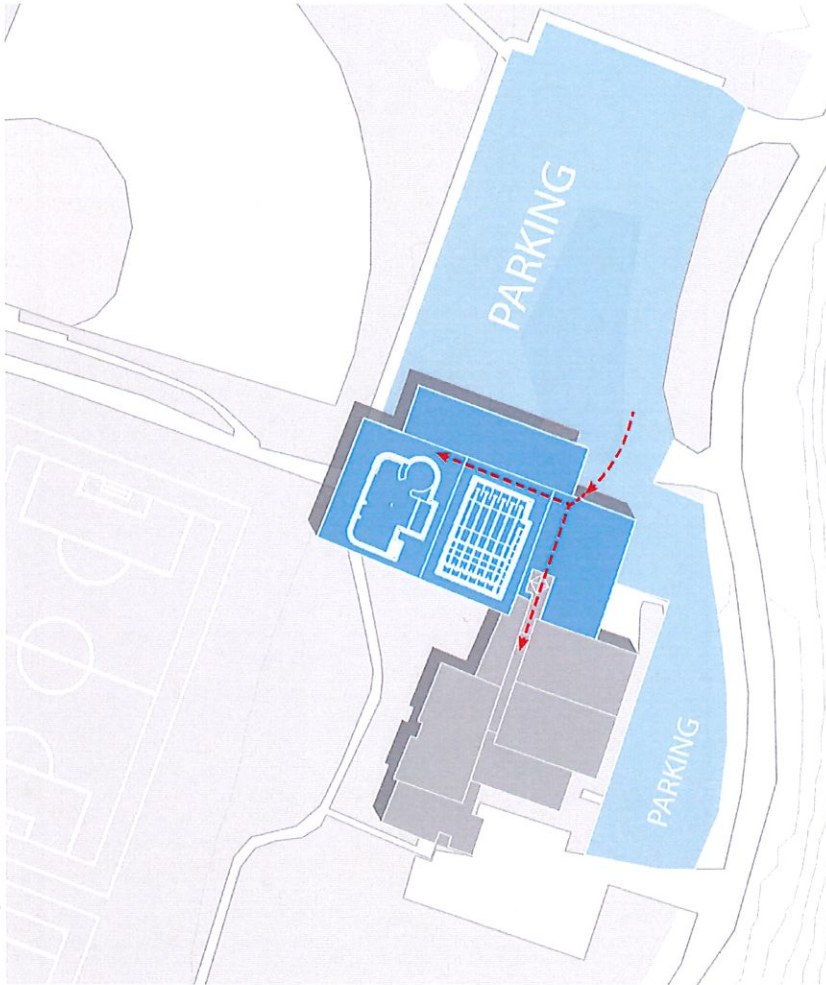
OPTION B - NORTH

- 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.



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AERIAL VIEW : OPTION B- NORTH - CIRCULATION

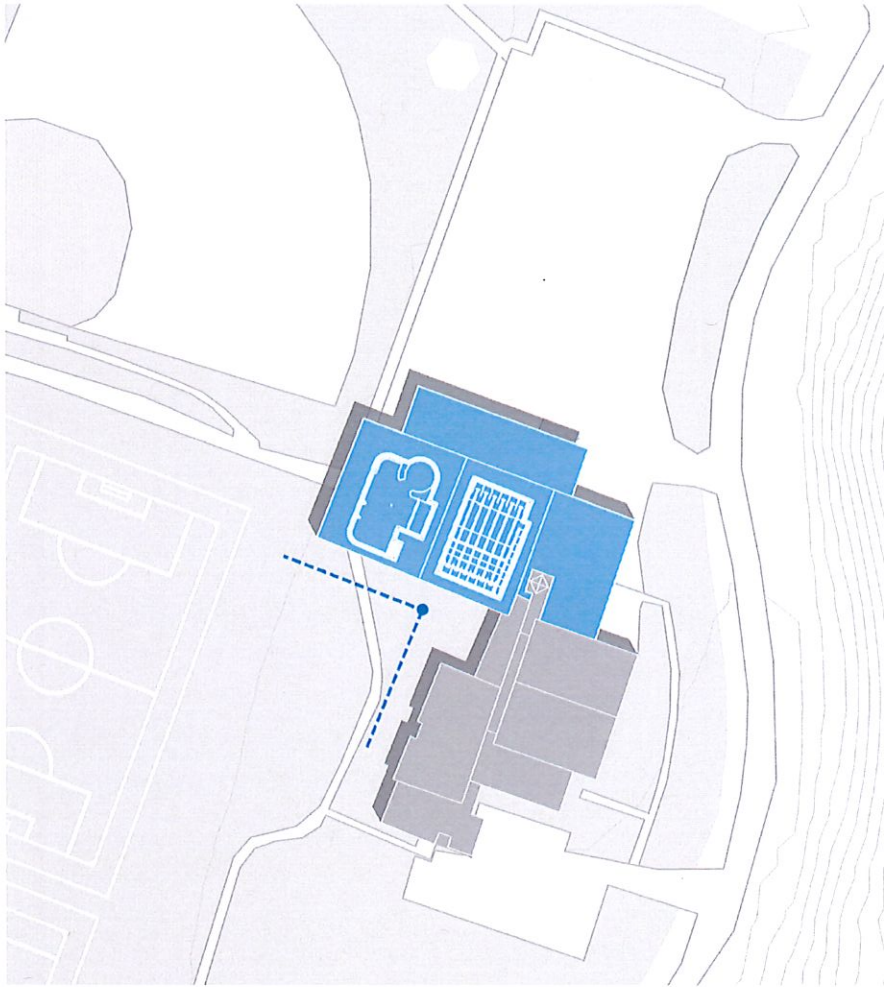
OPTION B - NORTH

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



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AERIAL VIEW : OPTION B- NORTH - VIEWS



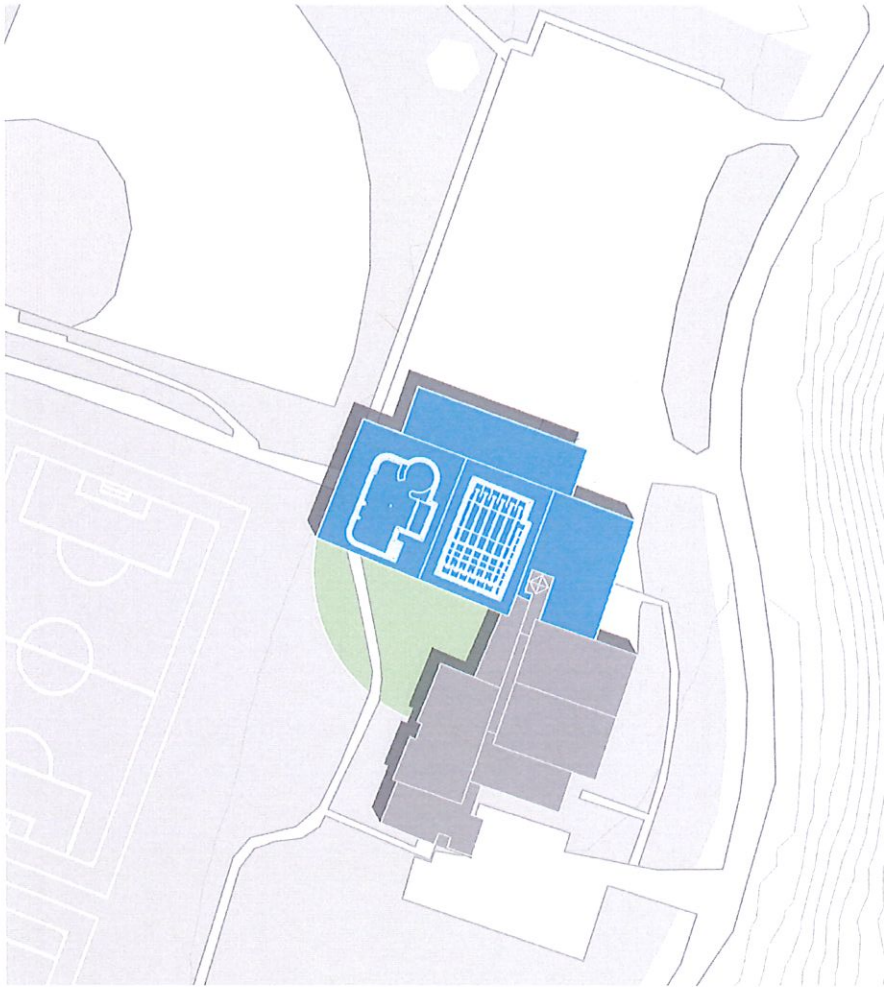
OPTION B - NORTH

- 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.
- Visitor circulation would have one access point for both facilities.
- Positioning the pools along an east-to-west axis with southern facing exposure 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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AERIAL VIEW : OPTION B- NORTH - CIRCULATION

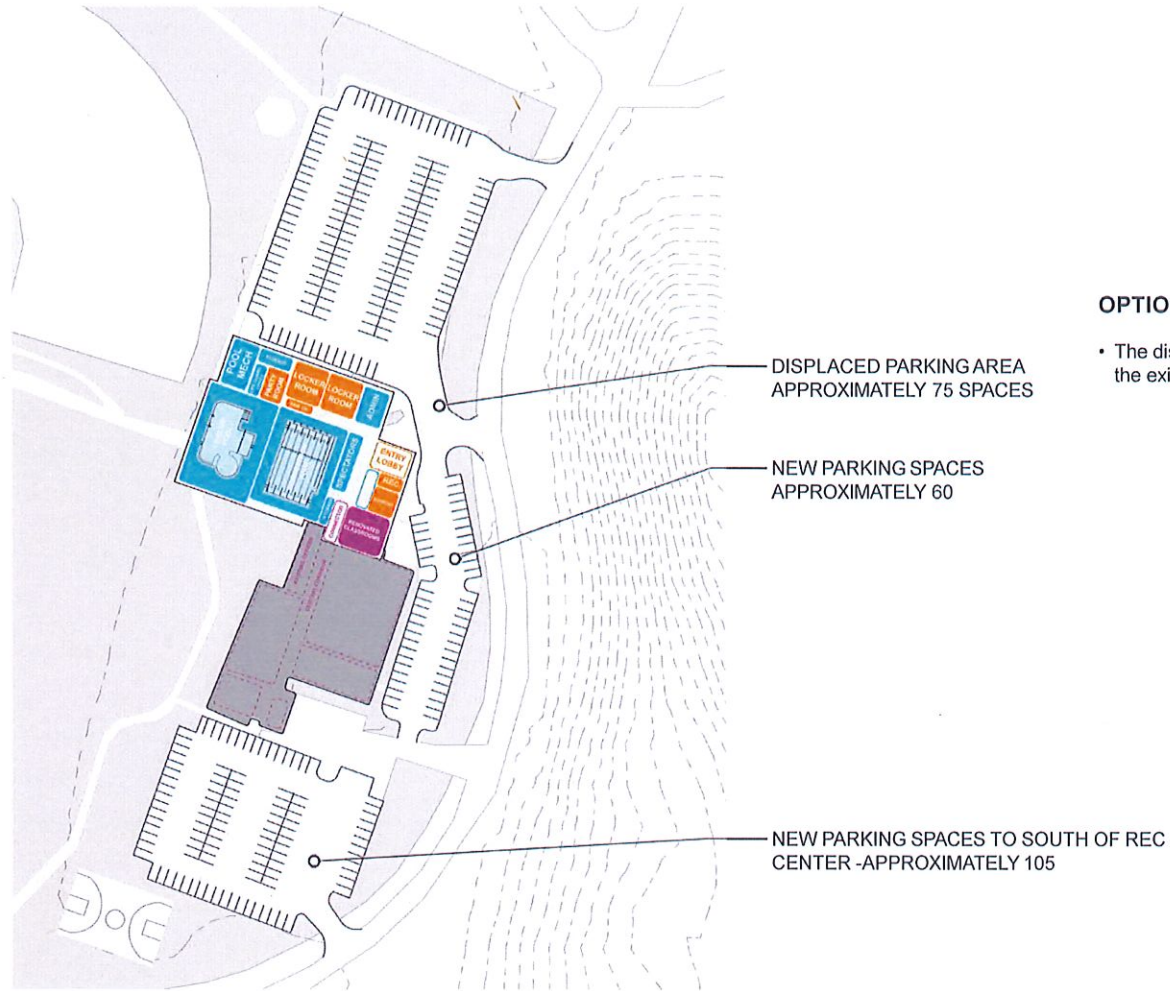
OPTION B - NORTH

- 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.
- 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.



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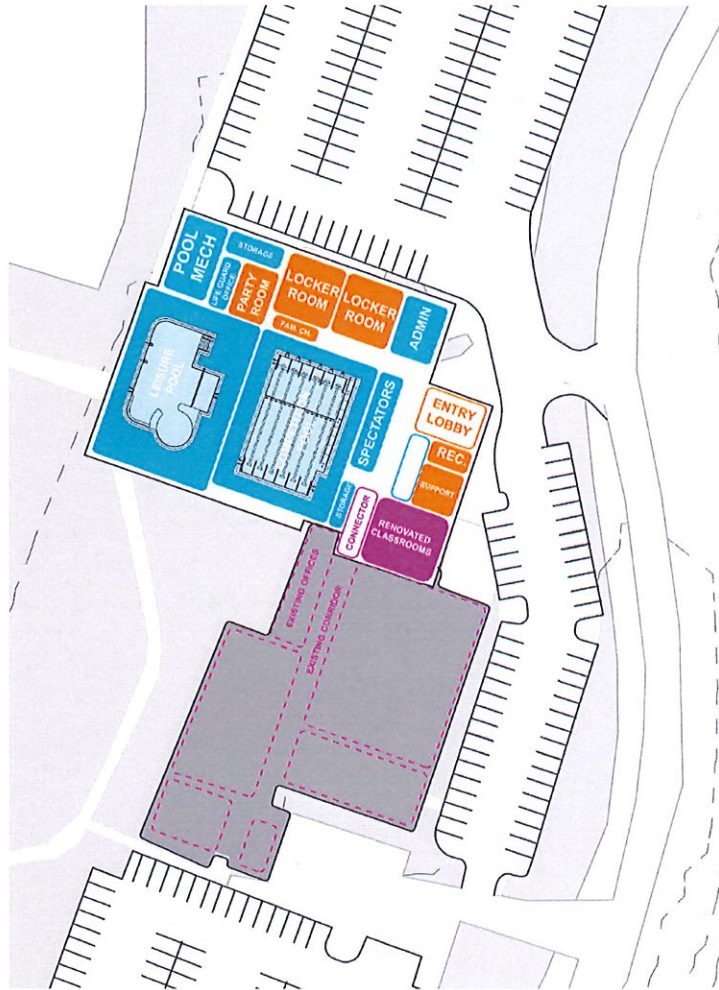


OPTION B - NORTH - ADJACENCY DIAGRAM

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

ADJACENCY LAYOUT : OPTION B - NORTH





ADJACENCY LAYOUT: OPTION B - NORTH ENLARGED

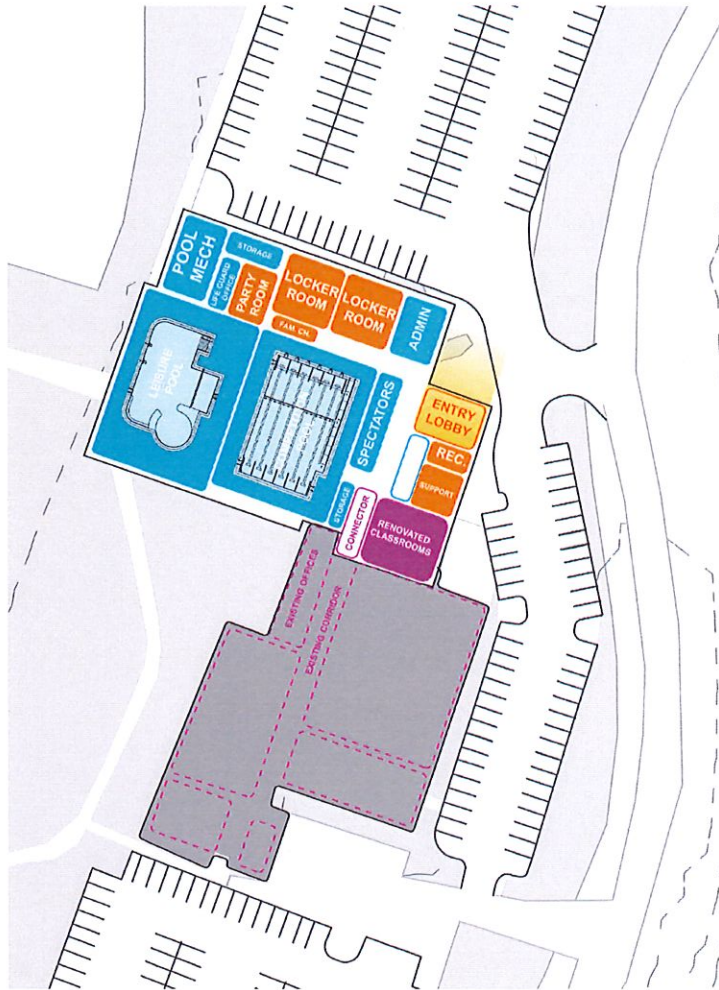
OPTION B - NORTH - PROGRAM STUDY

- 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.



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ADJACENCY LAYOUT: OPTION B - ENTRY

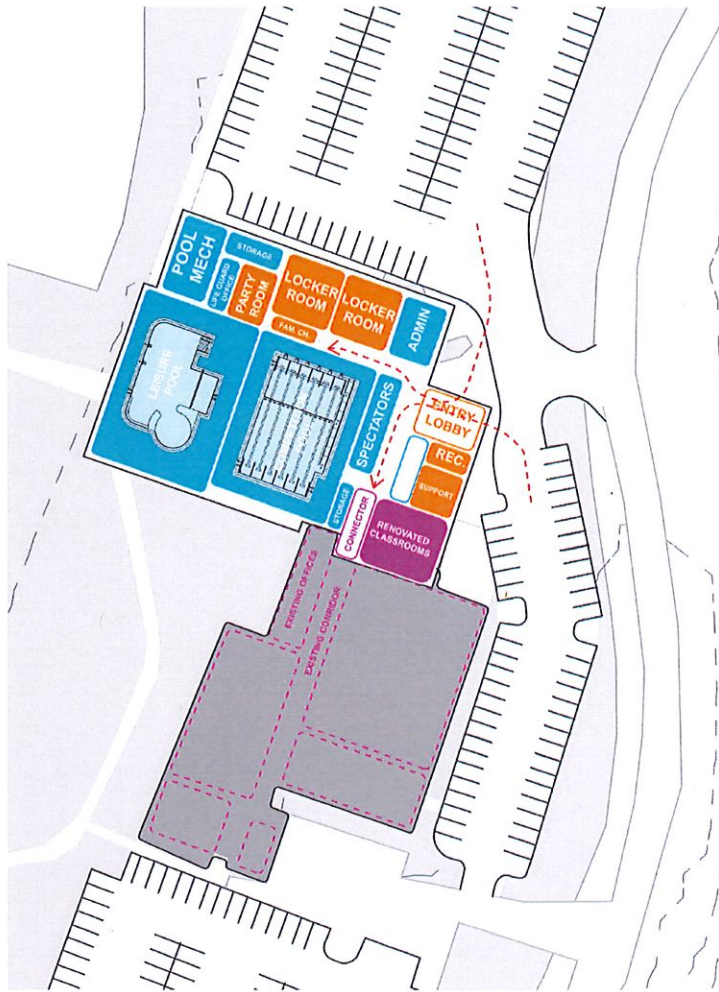
OPTION B - NORTH - ENTRY

- 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.



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ADJACENCY LAYOUT: OPTION B - CIRCULATION

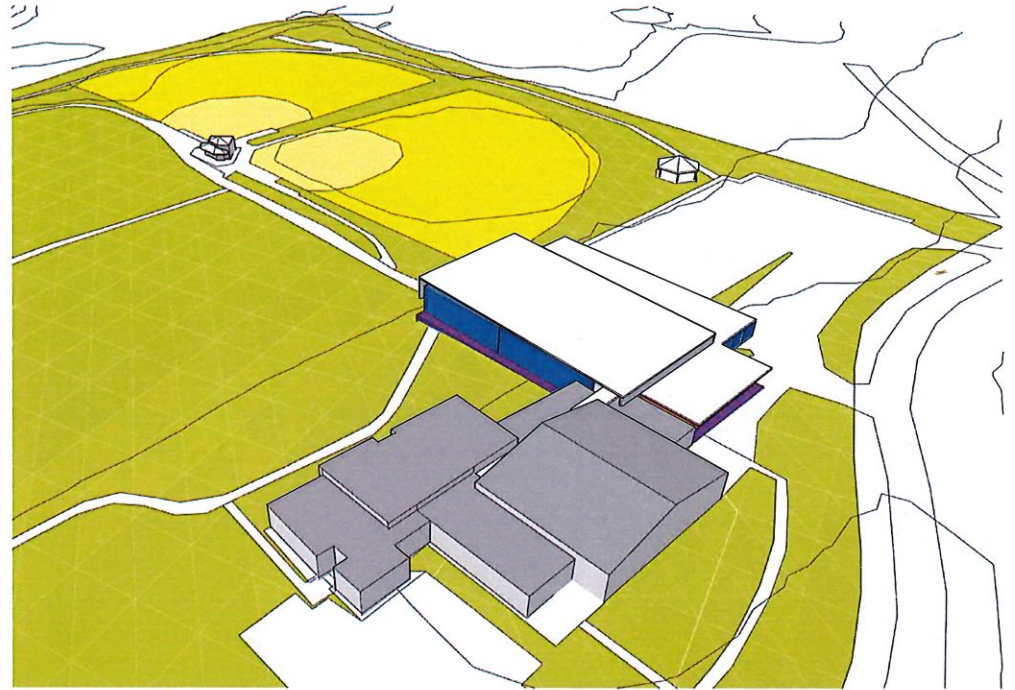
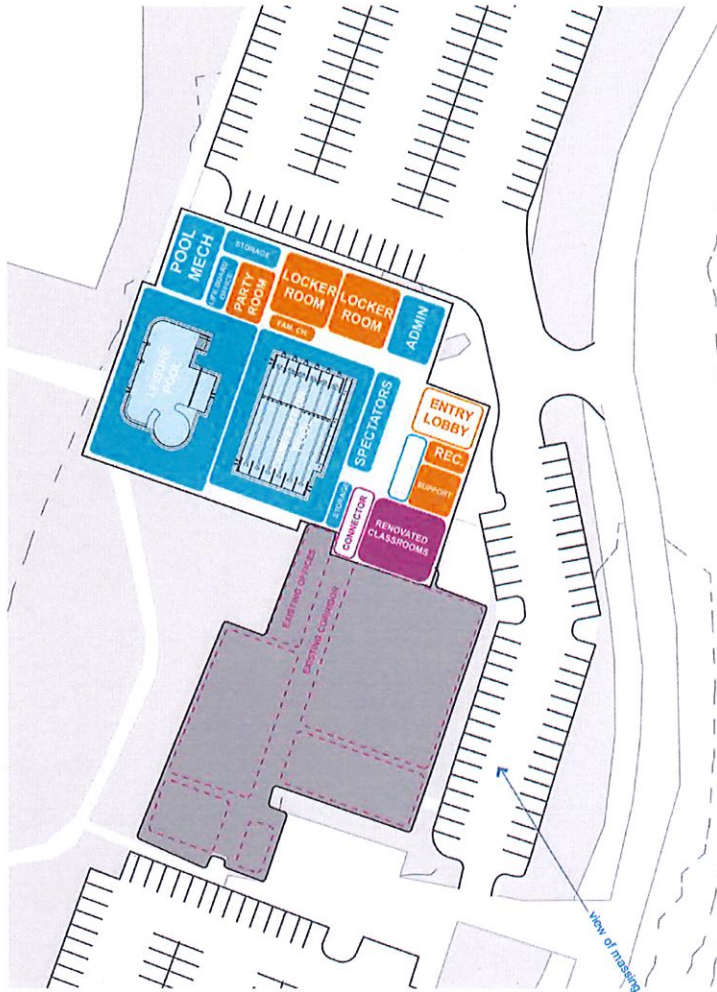
OPTION B - NORTH - CIRCULATION

- 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.
- Circulation through the new entry to the rec center or to the aquatics center



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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
Division 4-Masonry	30,800	@	\$ 15.00	psf		\$ 462,000.00
Division 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
Division 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
Division 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
Division 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



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