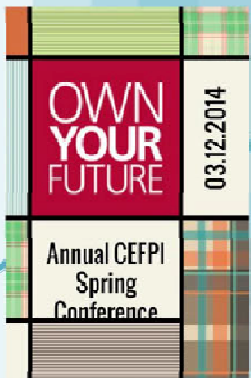


# Emerald Hills Aquatic & Wellness Centre

14 March, 2014



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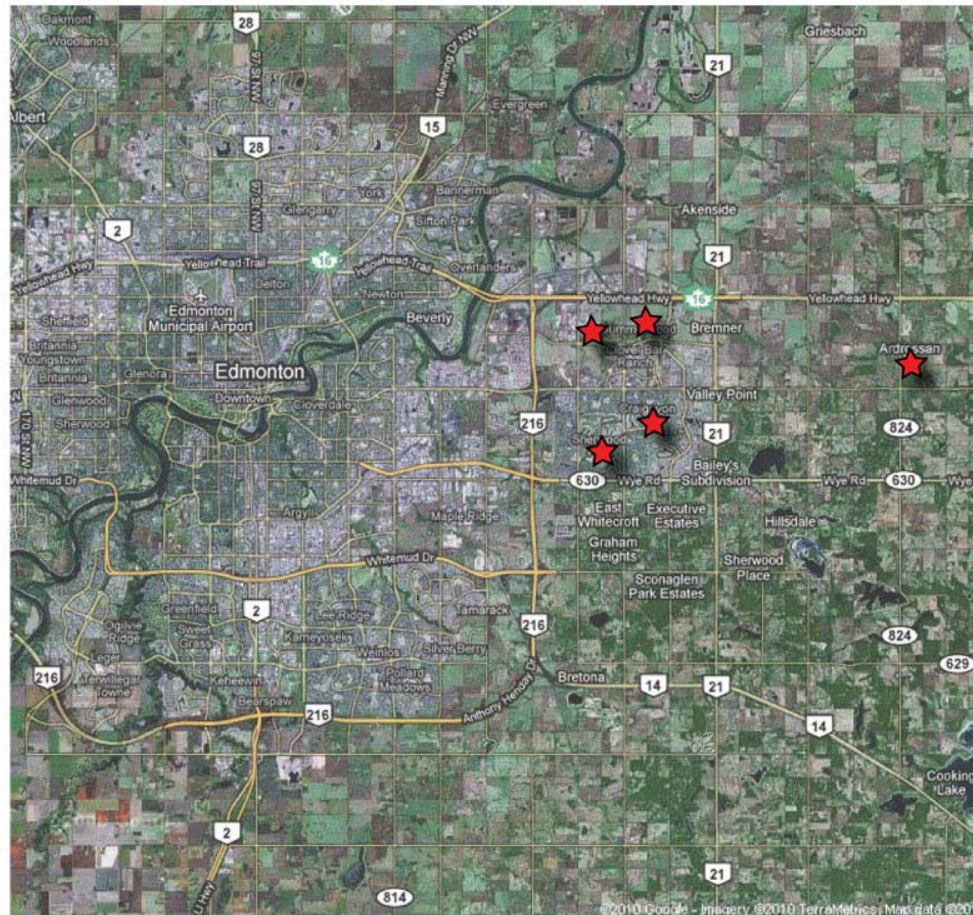
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### STRATHCONA COUNTY AQUATICS STUDY



Emerald Hills Aquatic  
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16 Yellowhead Hwy

Sherwood Dr

Clover Bar Rd



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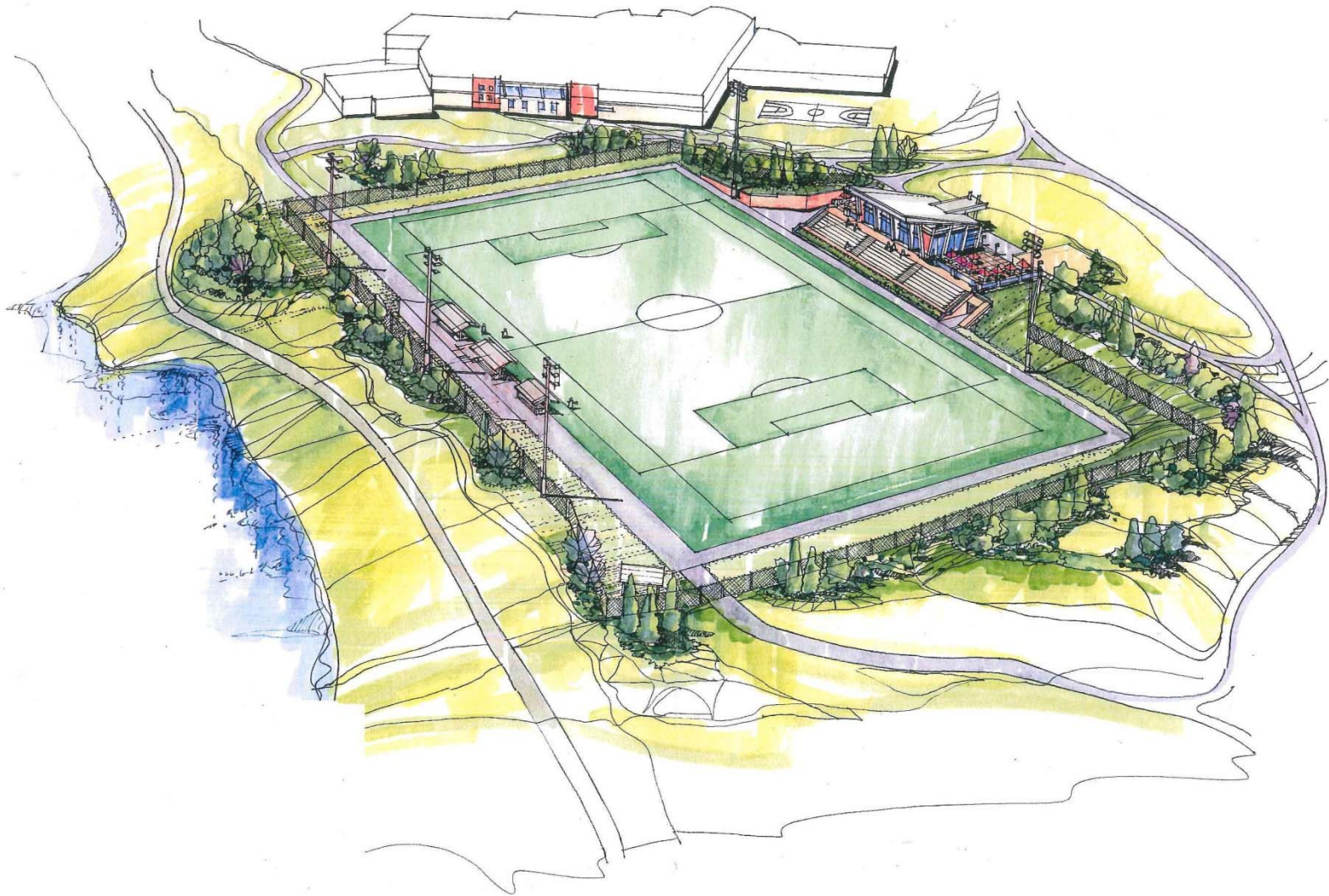
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# Form Concept



*Public Open House March 17, 2009*

*1400 student Core School*

*BARR RYDER ARCHITECTS & INTERIOR DESIGNERS*

*Emerald Drive, Sherwood Park, Alberta.*

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# Program

wellness staff desk	In centre of circulation area, near entrance. Space for 2 staff, computers, small storage. Ability to see all wellness users, not have their back to some.	circulation spaces	consider space for school groups, healthcare groups
testing office/space	Away from main circulation area, but not requiring users to walk through workout areas to access. Privacy & space for a variety of testing protocols / types of equipment.	group fitness / multipurpose spaces	consider partially segregated teaching area with basic equipment. Group fitness spaces to be adaptable for alternative future uses. Consider dedicated stretching space.
changerooms	male, female and at least 1 additional unisex/accessible.	mechanical	temp/air control for each room/area. Innovation in air movement/fan systems. 4-8 locations for water fountains
washrooms	include within main changeroom area, provide additional unisex washroom options on 3rd floor	electrical	110V 20 amp for cardio equipment, individual cable lines
cardio spaces	Overlooking pool or facing outside, consider circulation space throughout	accessibility	Higher than standard physical accessibility at all times. Consider auditory & visual disabilities. Consider additional spacing of equipment for use by people with mobility issues. Elevator accessible at entry of spaces.
stack weight spaces	consider circulation space throughout	sound	innovation in sound attenuation
free weight spaces	close to circulation desk for supervision	janitorial	1 room / floor, in addition to one in each changeroom
		general / misc	Wellness centre sized for 80 - 100 users & equipment. Window tint / roll shades - or similar to ARC, maximize viewing area over pool & fields, avoid parking & traffic view where possible. Ability to control humidity coming from pool area. Smaller spaces within large space concept. Position less intimidating equipment spaces nearest the entrance. Ceiling height at 10 ft or more throughout. Extra wide staircase between levels. Consider need for wall/mirror space also with window placement.

# Accessibility

## LEGEND

- █ BARRIER-FREE ROUTE/ DOOR ACCESS/  
Minimum 1100mm width,  
(shown at 1500mm, 1800mm radius turns)
- █ BARRIER-FREE DECK ROUTE  
Minimum 3000mm width,  
(shown at 1500mm, 1800mm radius turns)
- ▲ POWER DOOR OPERATORS
- █ ELEVATOR - to fit stretcher
- 1800mm CIRCLE
- 1525mm CIRCLE





# Parking / Circulation

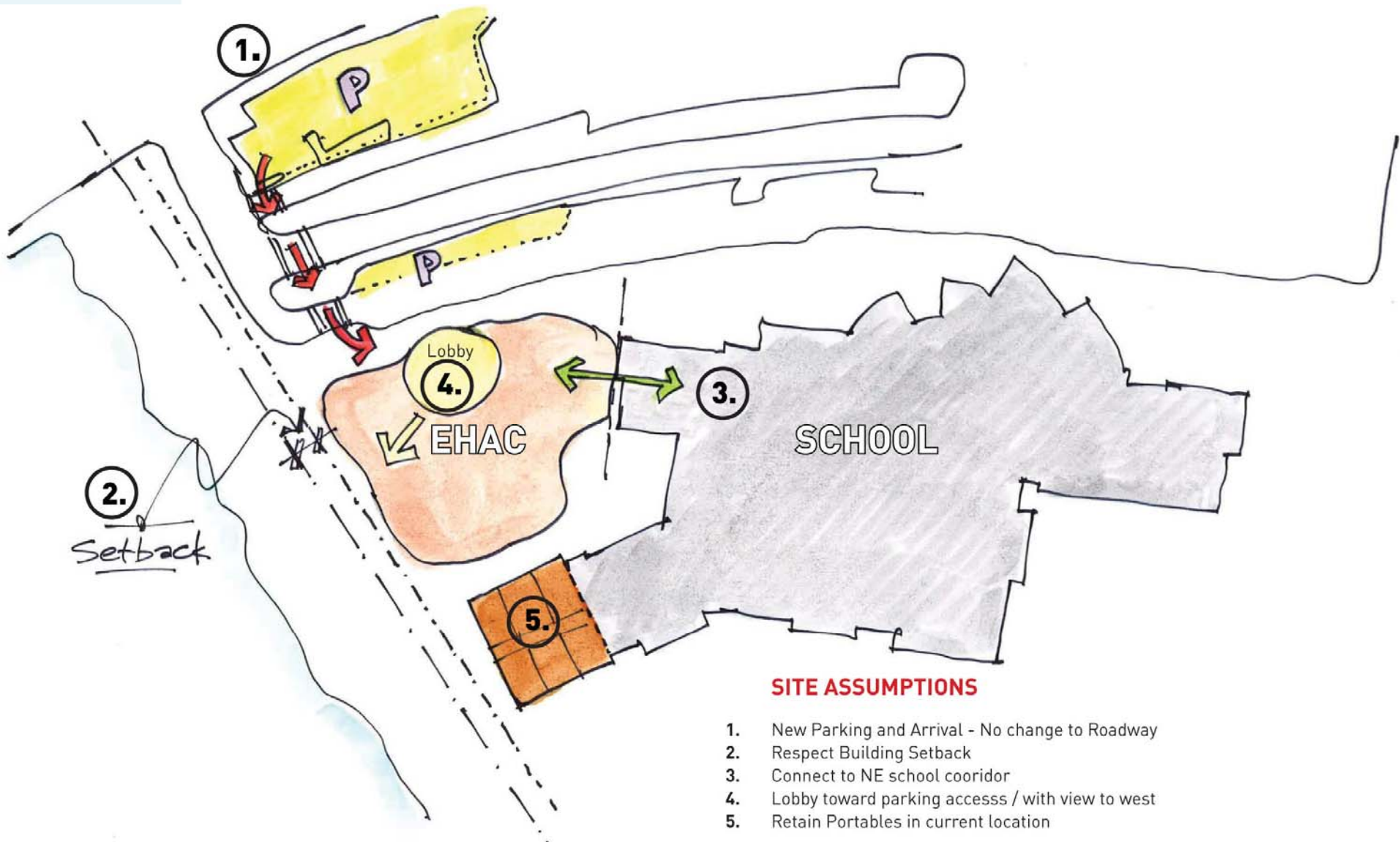


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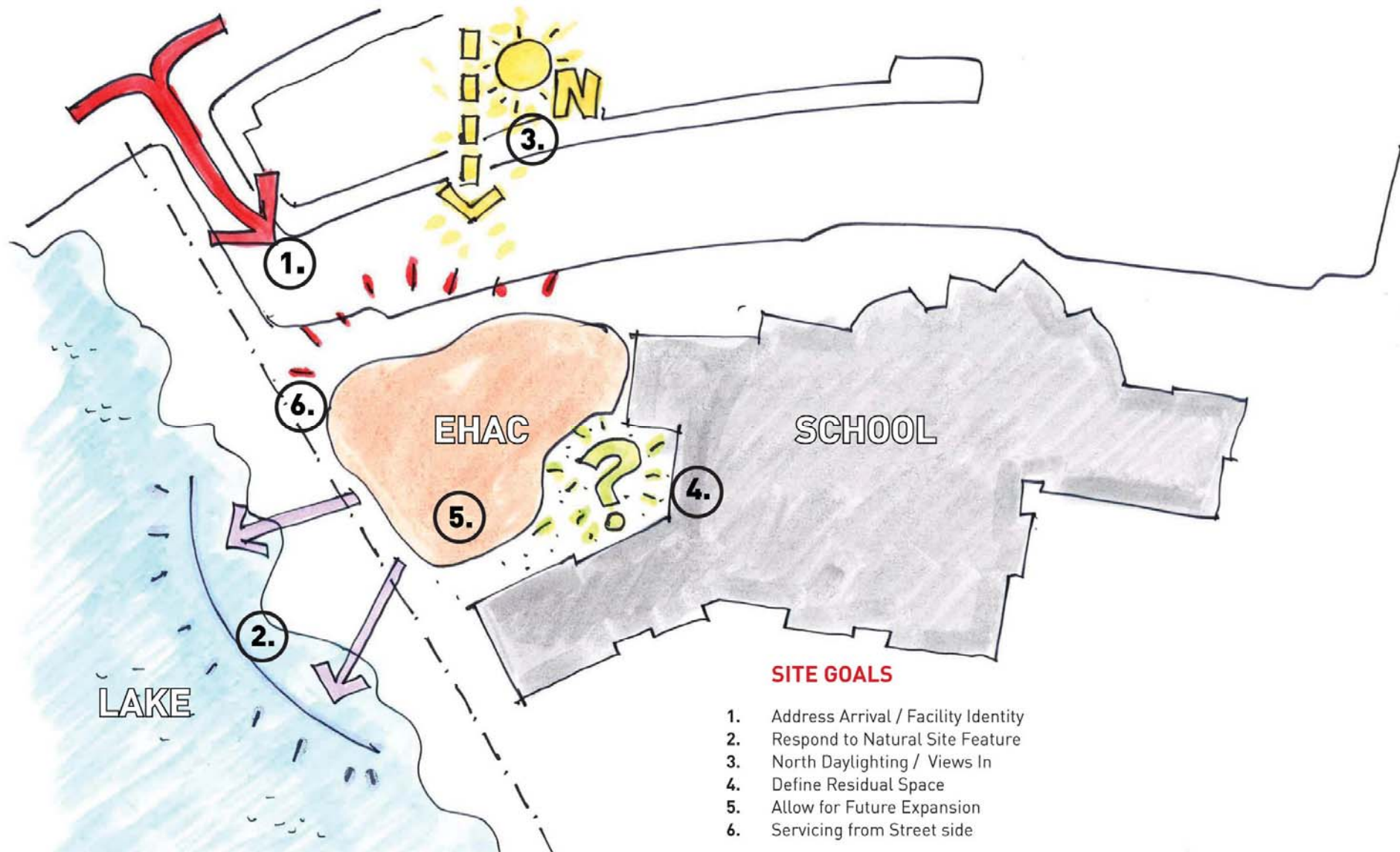
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### SITE ASSUMPTIONS

1. New Parking and Arrival - No change to Roadway
2. Respect Building Setback
3. Connect to NE school corridor
4. Lobby toward parking access / with view to west
5. Retain Portables in current location

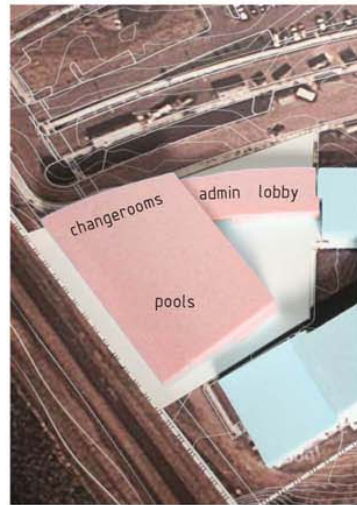
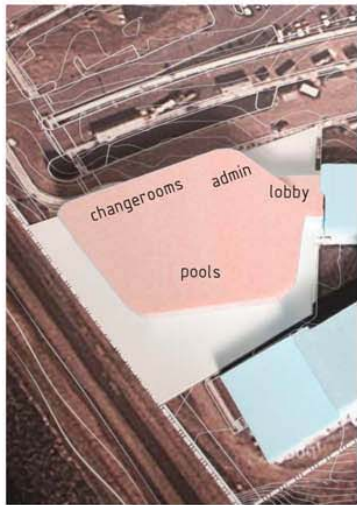




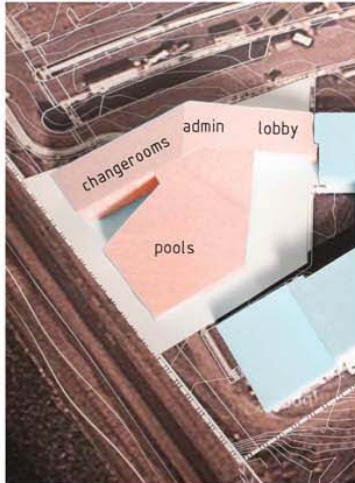
**SITE GOALS**

- 1. Address Arrival / Facility Identity
- 2. Respond to Natural Site Feature
- 3. North Daylighting / Views In
- 4. Define Residual Space
- 5. Allow for Future Expansion
- 6. Servicing from Street side

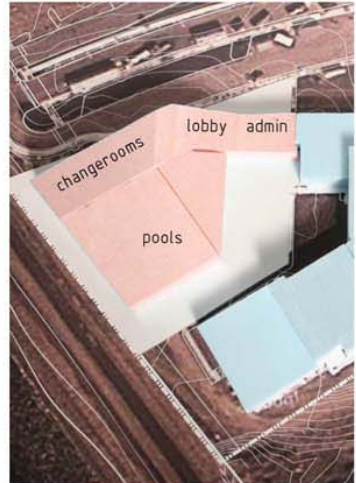




**OPTION 1 - 'Pool at Back'**



**OPTION 2 - 'Pool at Front'**



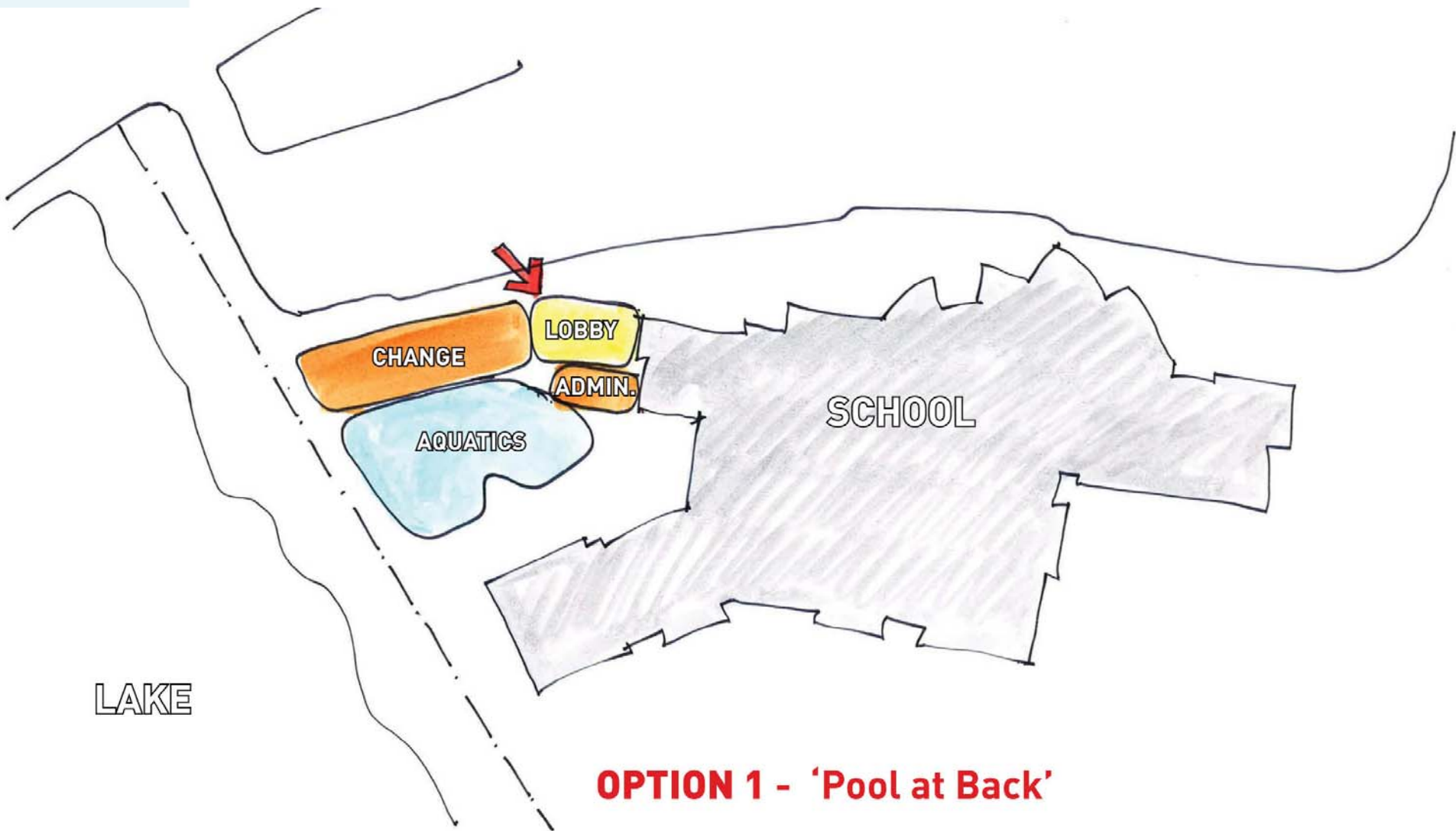
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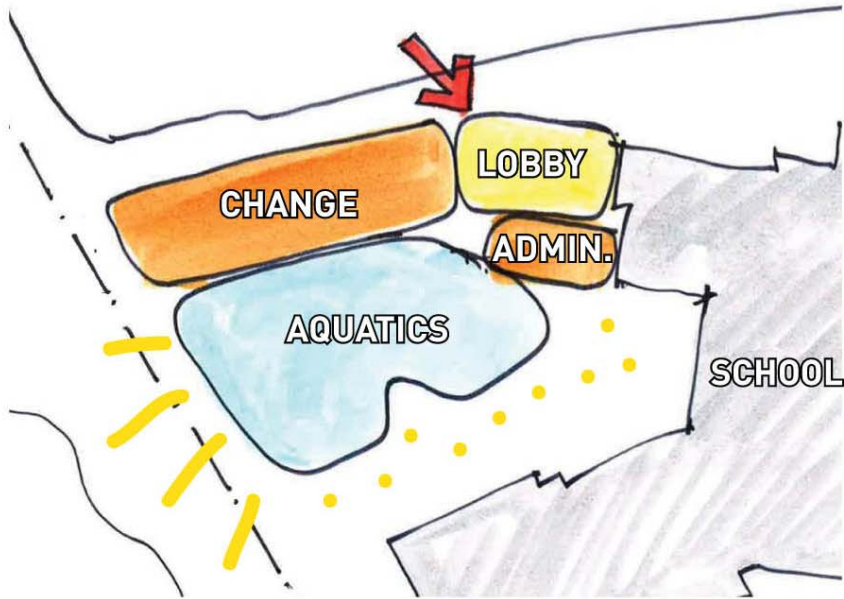
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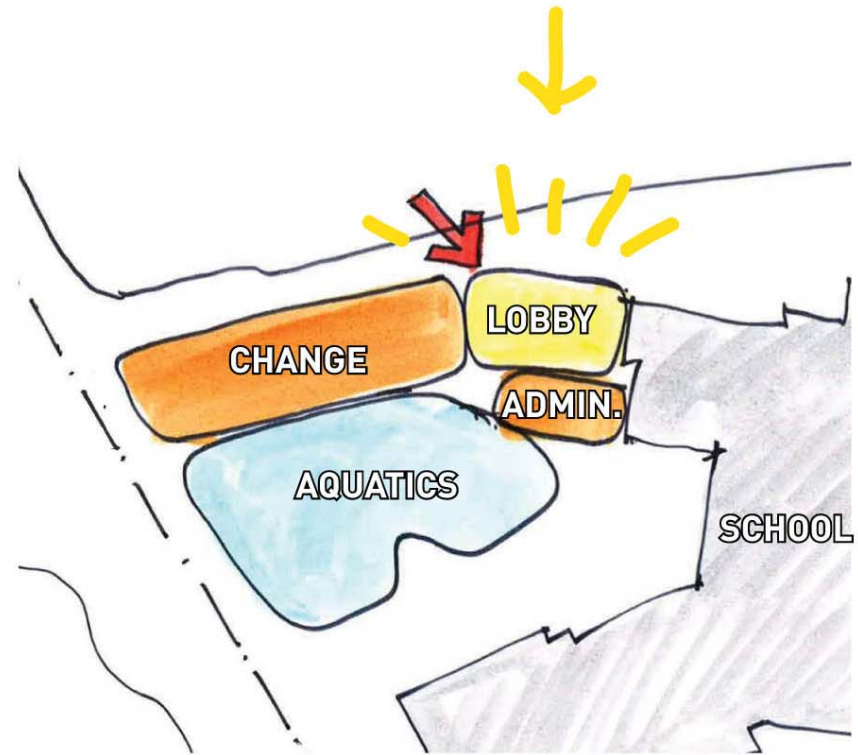


**OPTION 1 - 'Pool at Back'**

OPTION 1



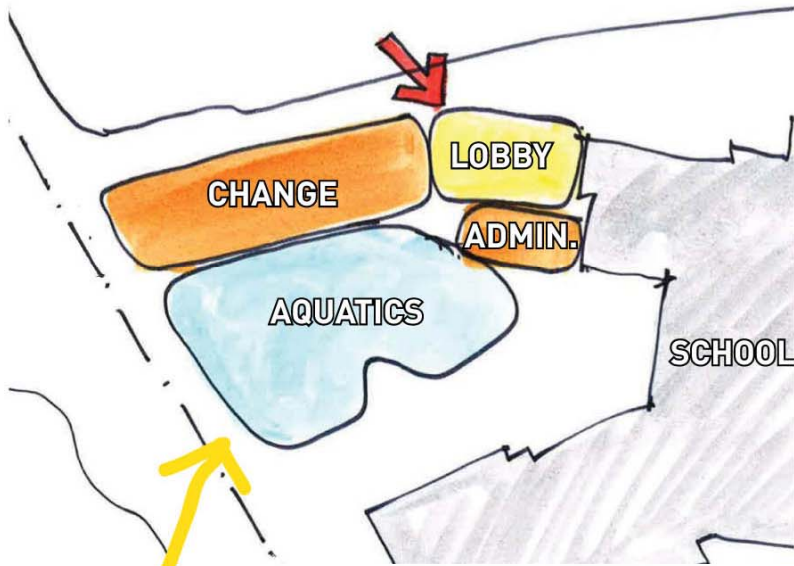
**VIEW TO LAKE AND COURTYARD -  
POOL EXPOSED TO SOUTH OF SITE**



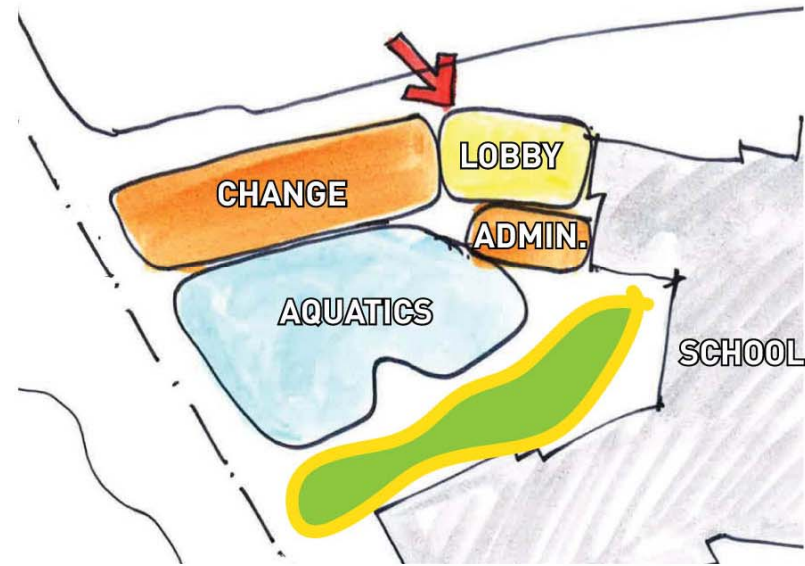
**LOBBY IDENTIFIED WITH SCHOOL  
LIMITED FORECOURT**



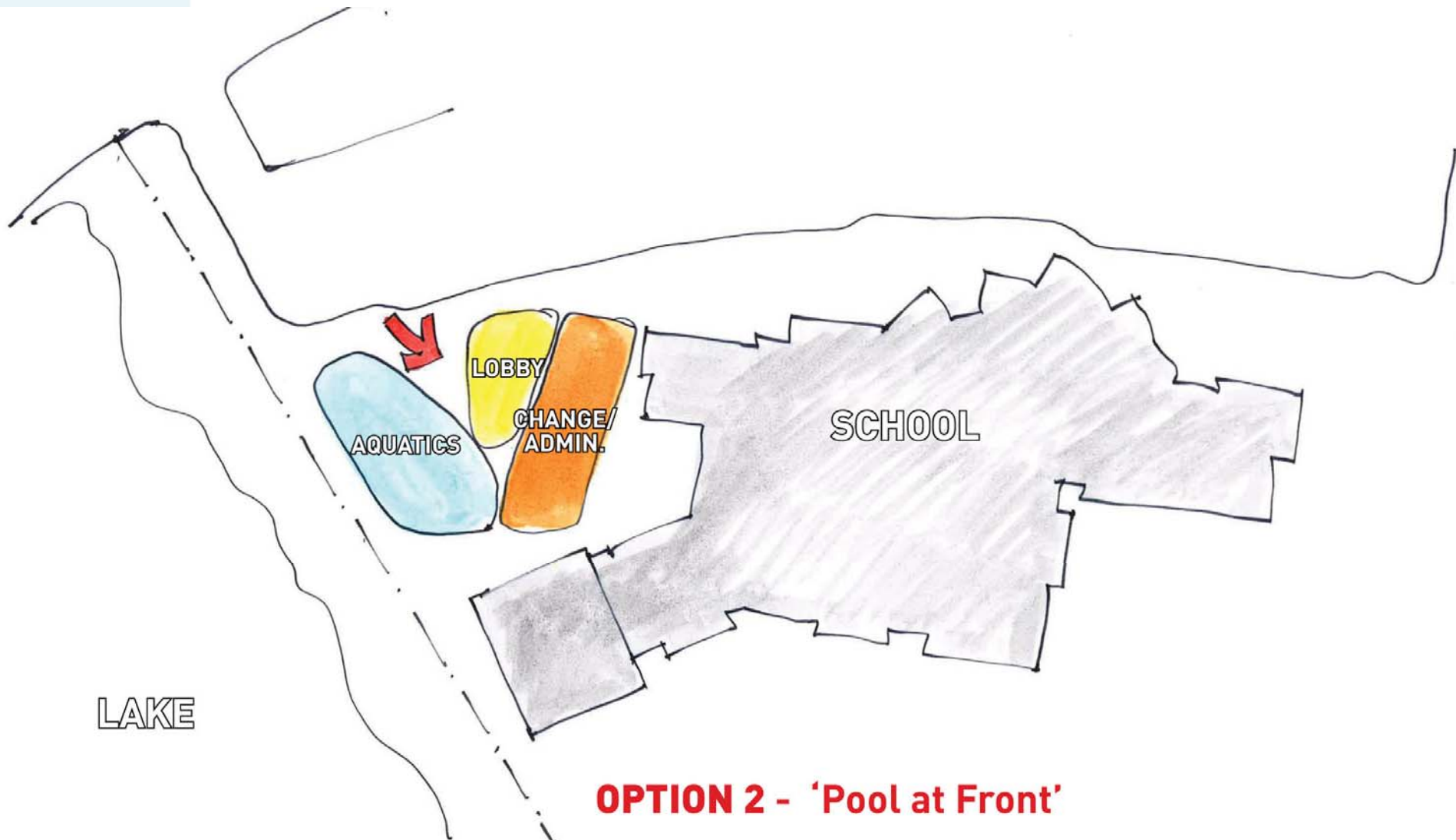
OPTION 1



DAYLIGHTING FROM SOUTH AND WEST - HIGH CONTRAST



OPEN COURTYARD - LESS PRIVATE



LAKE

**OPTION 2 - 'Pool at Front'**

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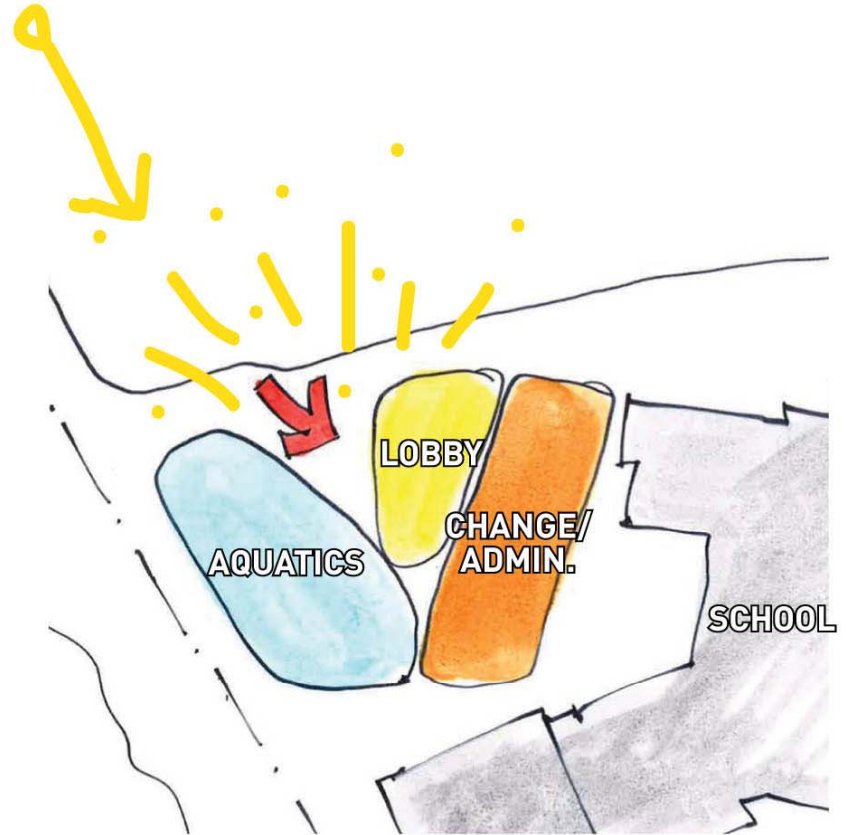
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OPTION 2



**VIEW TO LAKE AND ENTRANCE -  
POOL EXPOSED TO ALL SIDES OF  
SITE - GREAT VIEWS**

**ENTRANCE CREATES SEPARATE  
IDENTITY - GRACIOUS FORECOURT  
ENTRY**

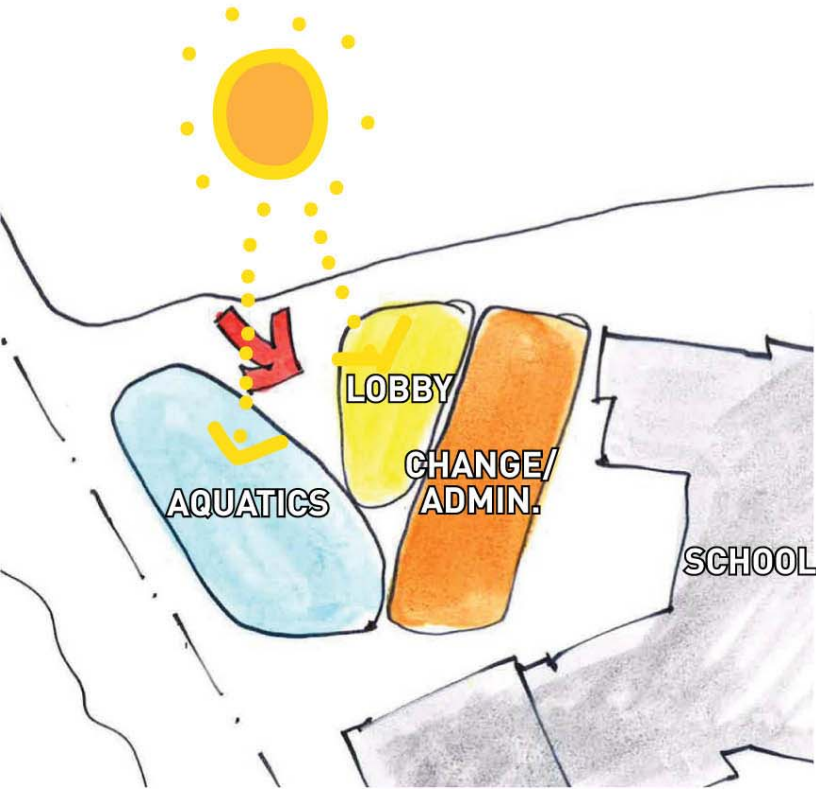
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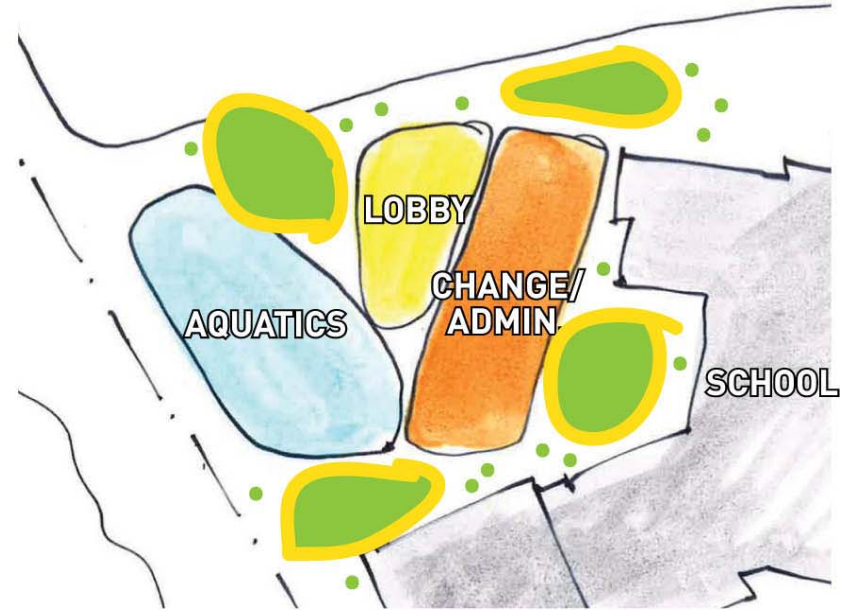
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OPTION 2



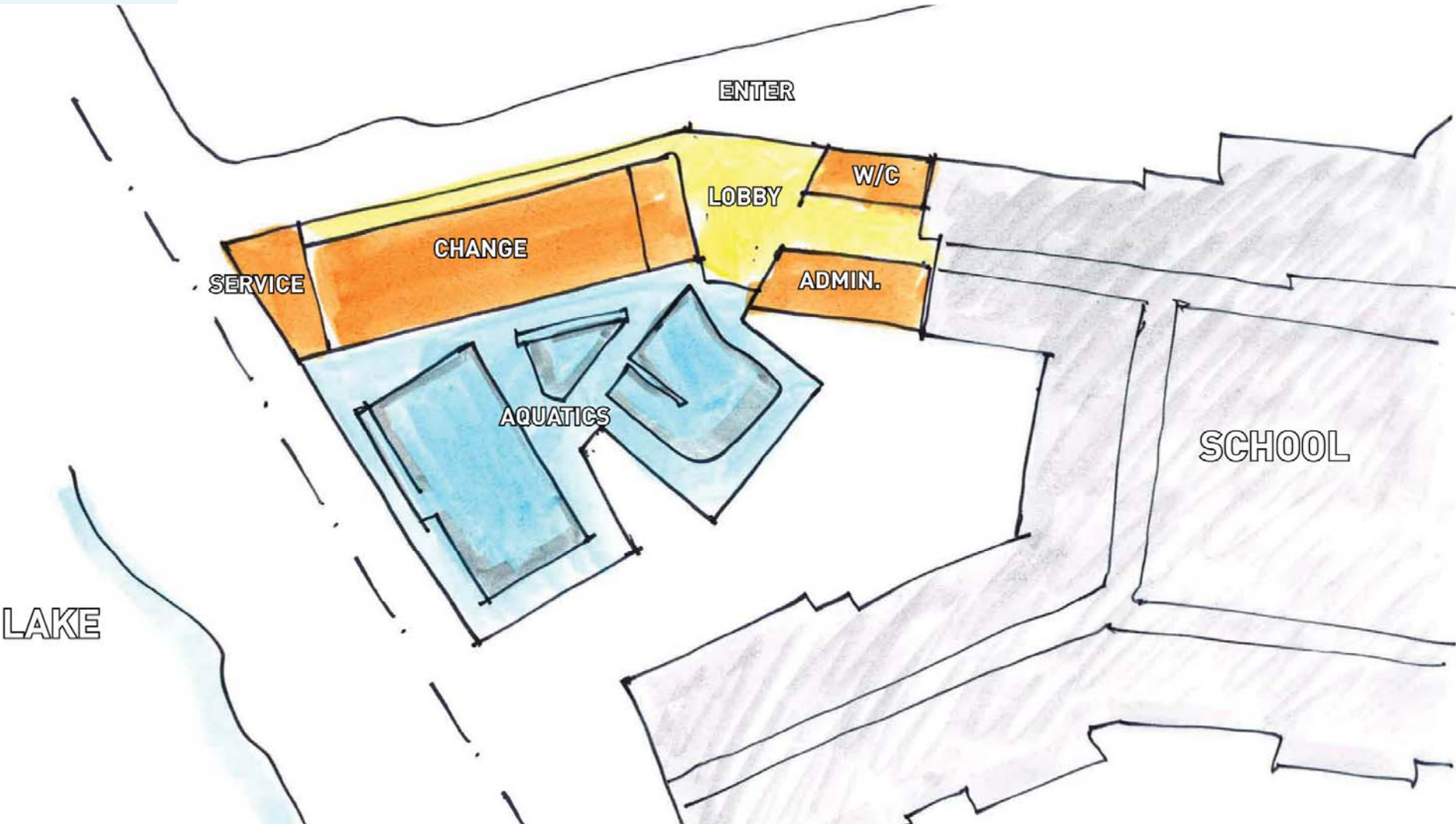
**DAYLIGHTING FROM NORTH- LOW CONTRAST - LIGHT FROM TWO OPPOSITE SIDES - IDEAL**



**DEFINED COURTYARDS - MORE PRIVATE**



OPTION 1



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**OPTION 1**  
Ground Floor



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wellness  
400m2

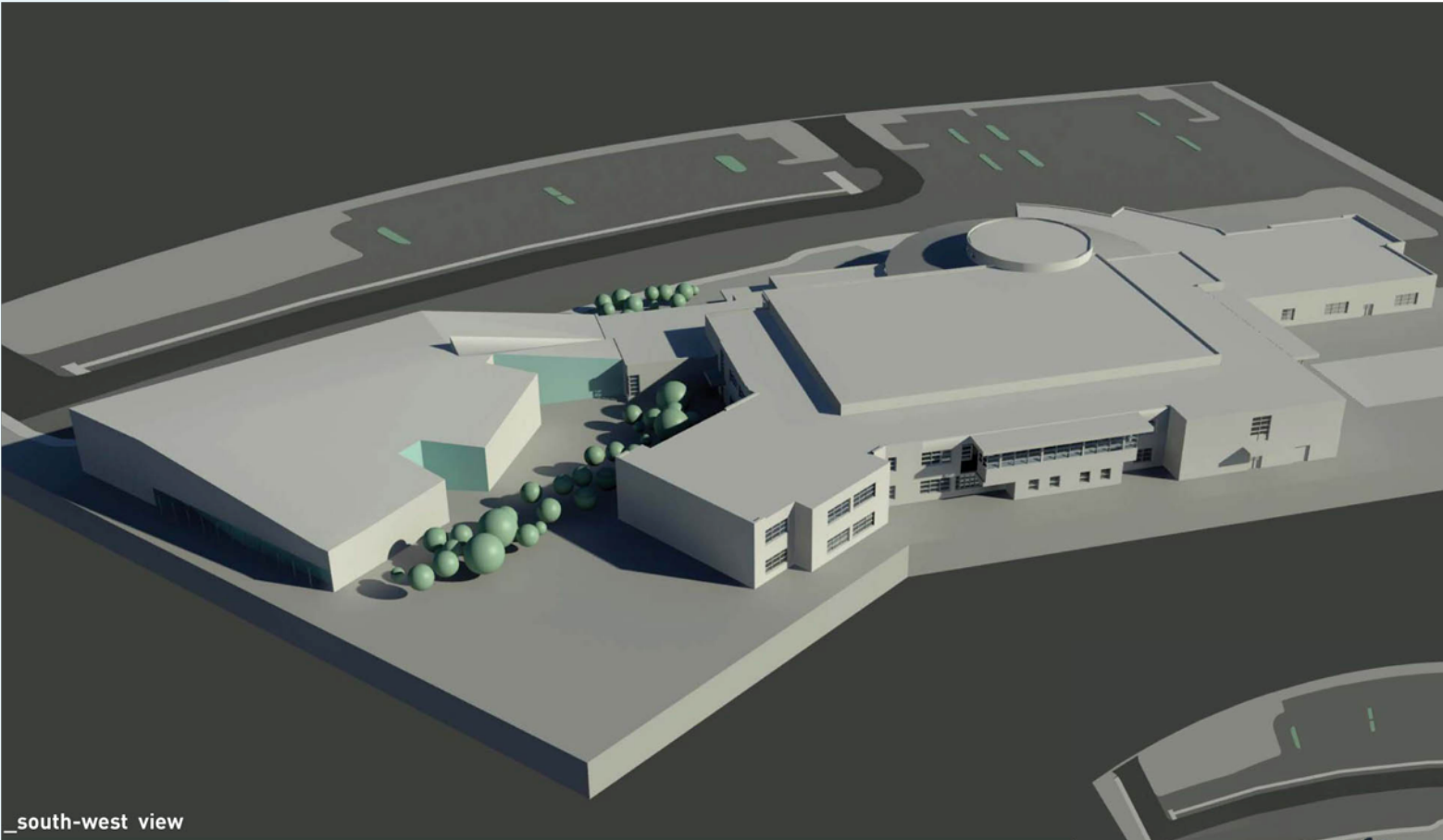
OPTION 1  
Second Floor

OWN  
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FUTURE

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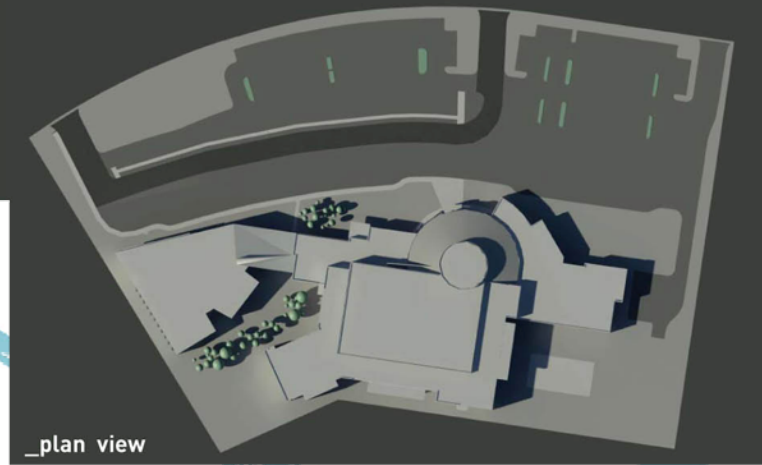
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\_south-west view

OPTION 1  
3D Views



\_plan view

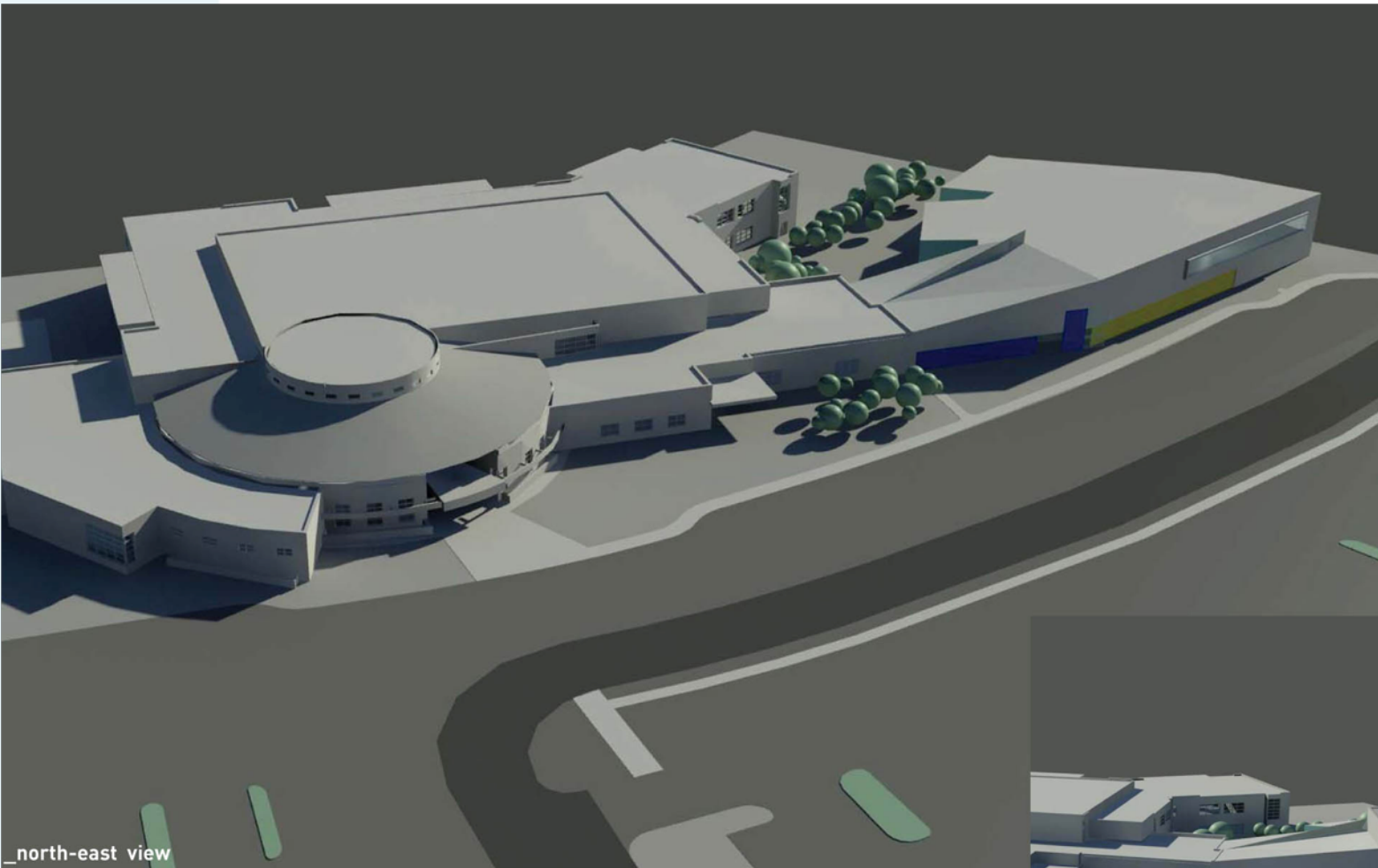
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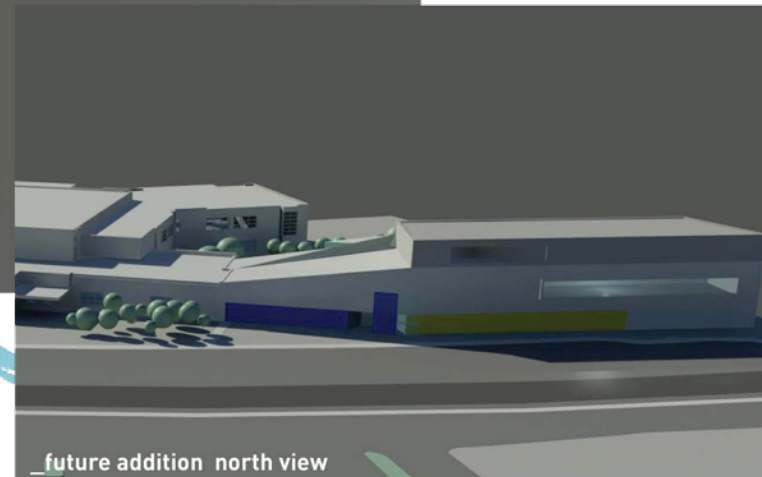
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\_north-east view

OPTION 1  
3D Views



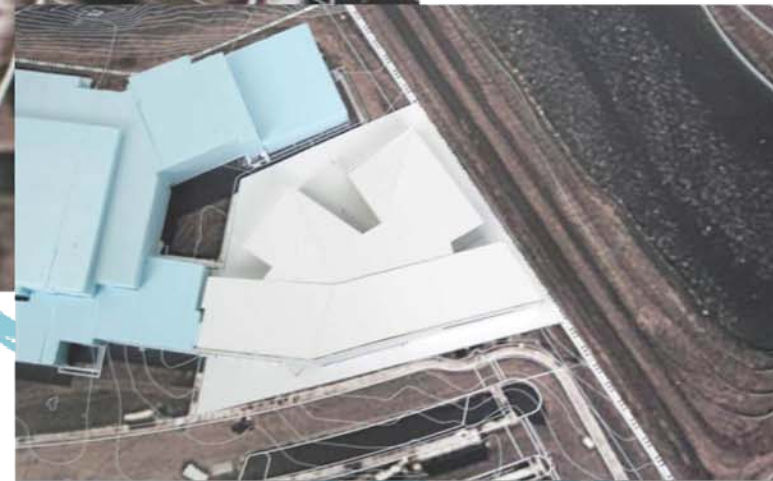
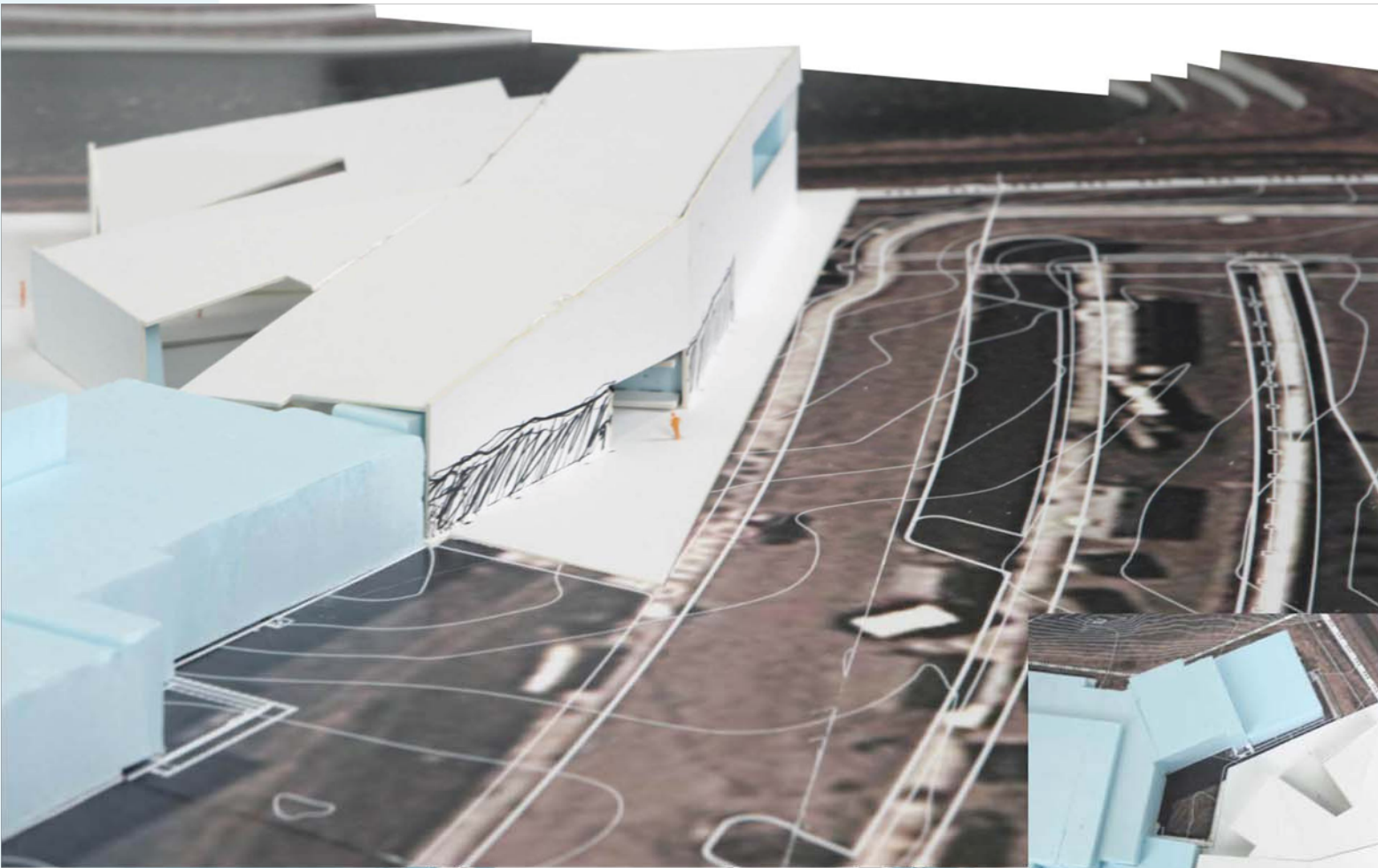
\_future addition north view

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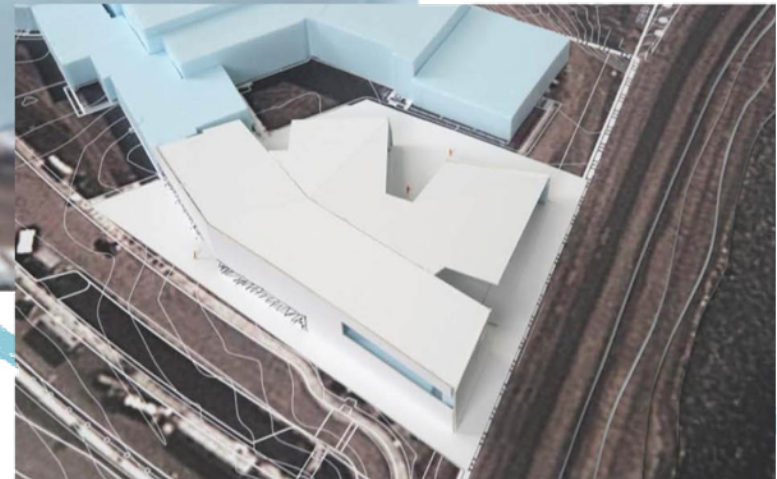
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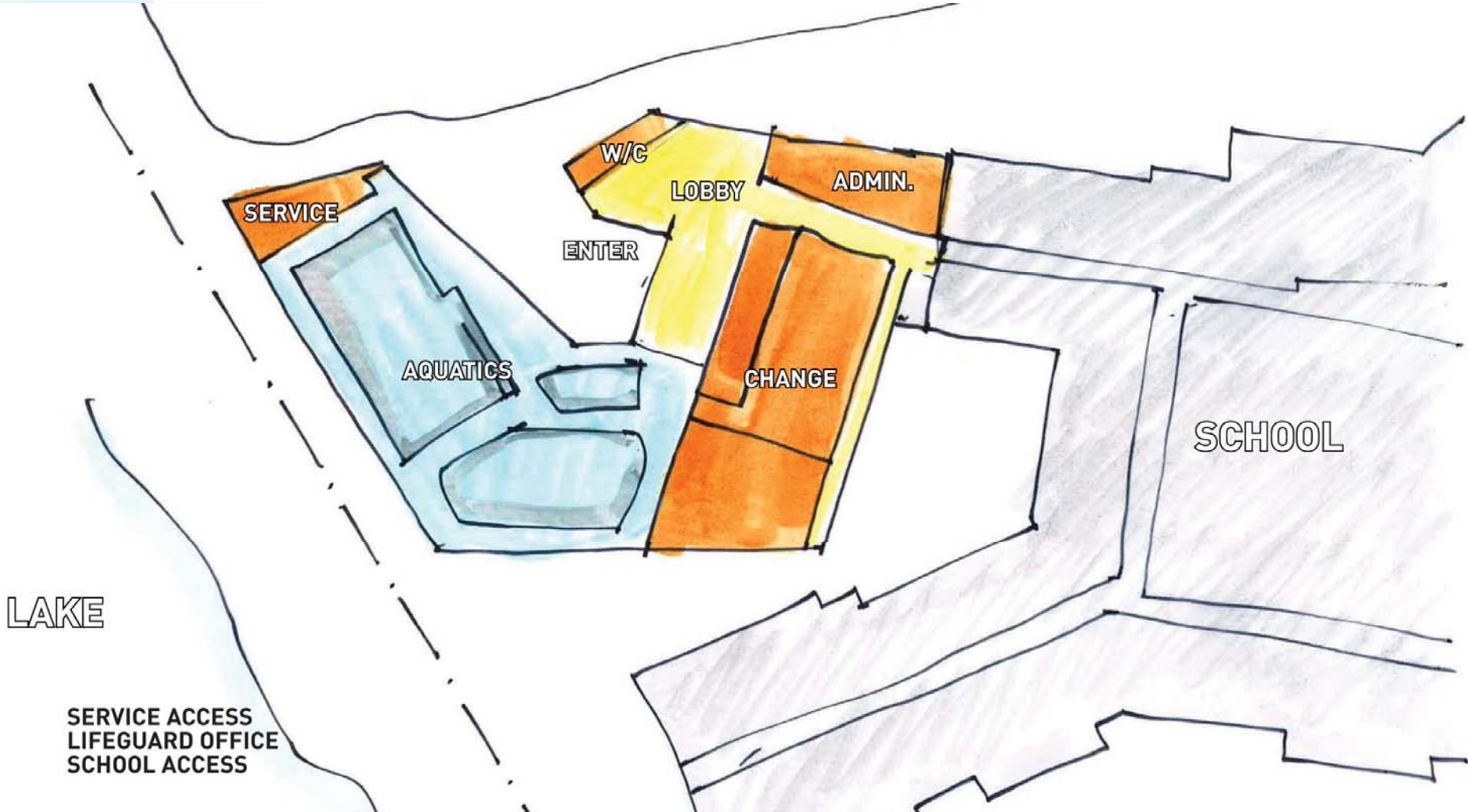
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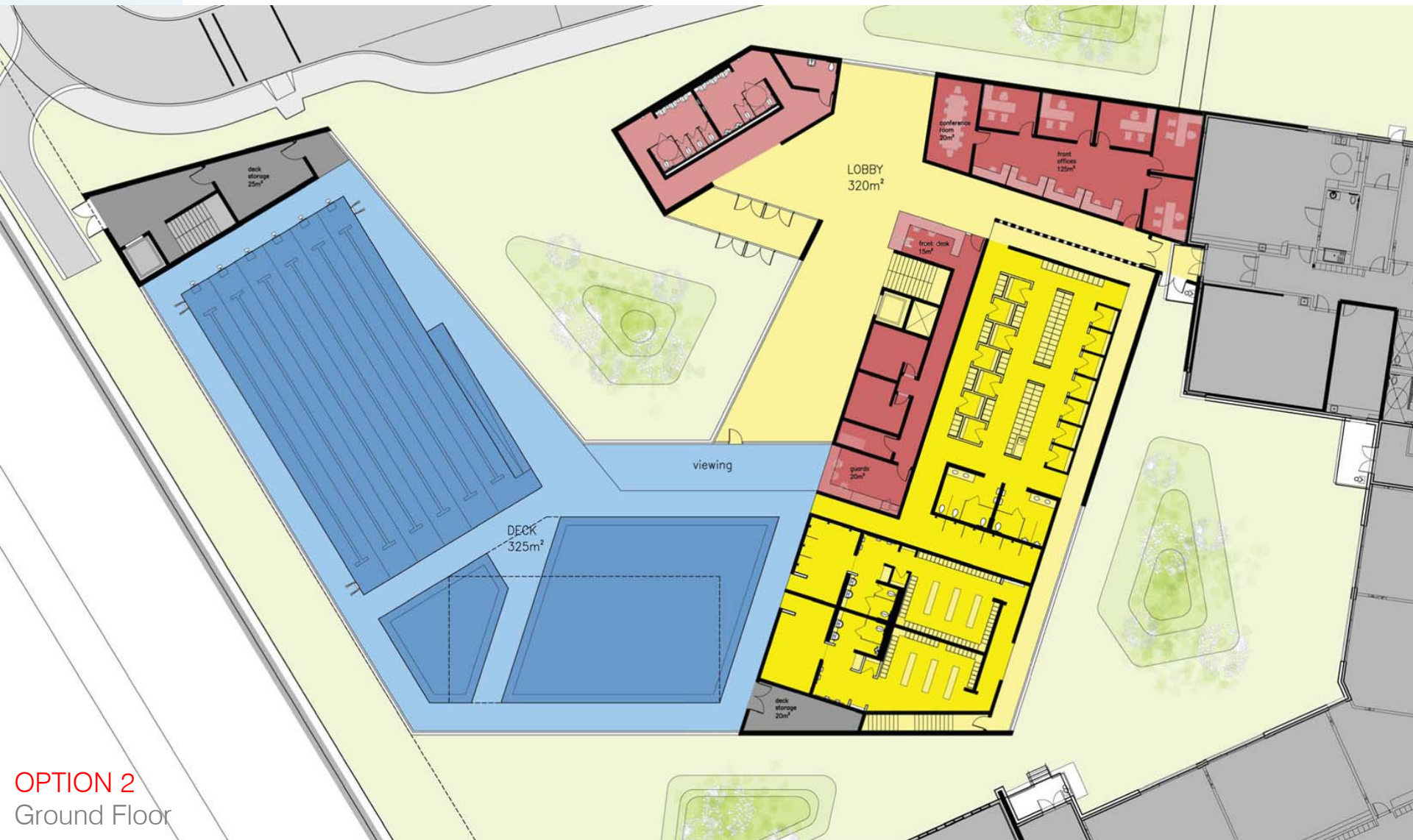
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OPTION 2





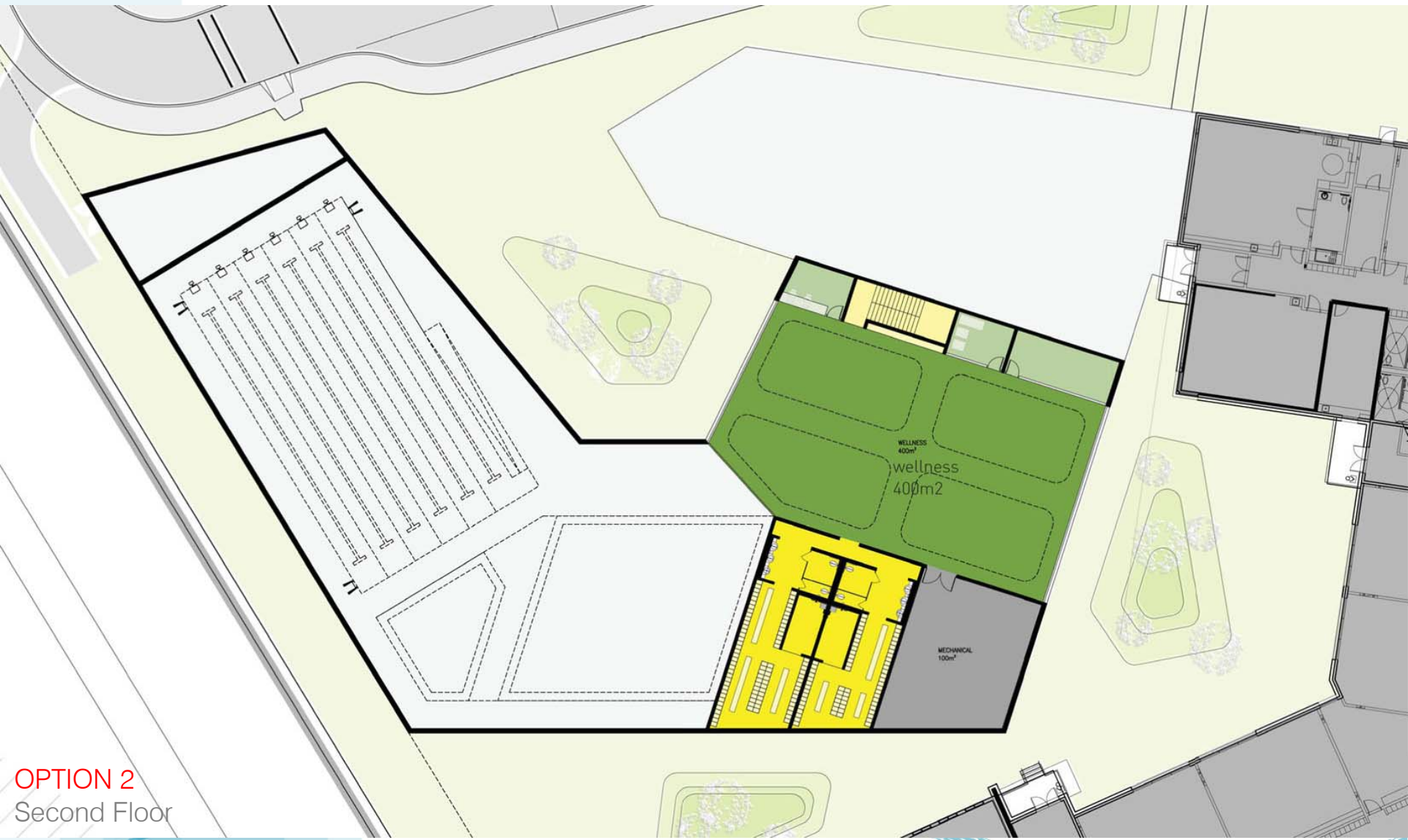


**OPTION 2**  
Ground Floor



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OPTION 2  
Second Floor



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\_north view

OPTION 2  
3D Views



\_plan view

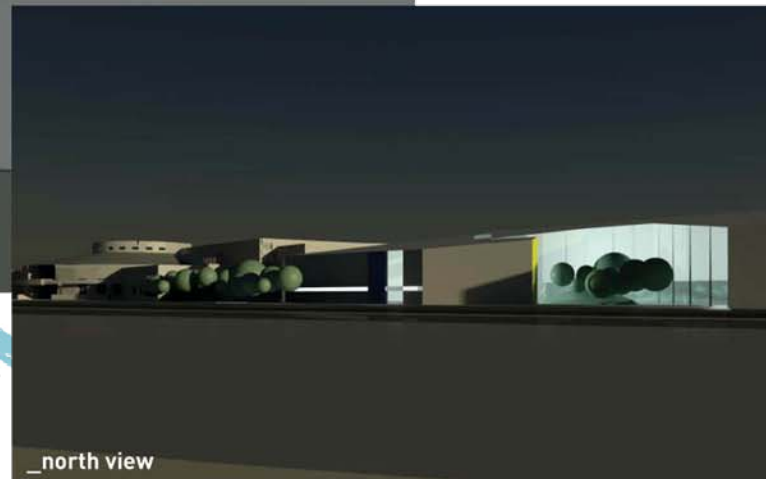


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OPTION 2  
3D Views



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\_north-west view

OPTION 2  
3D Views

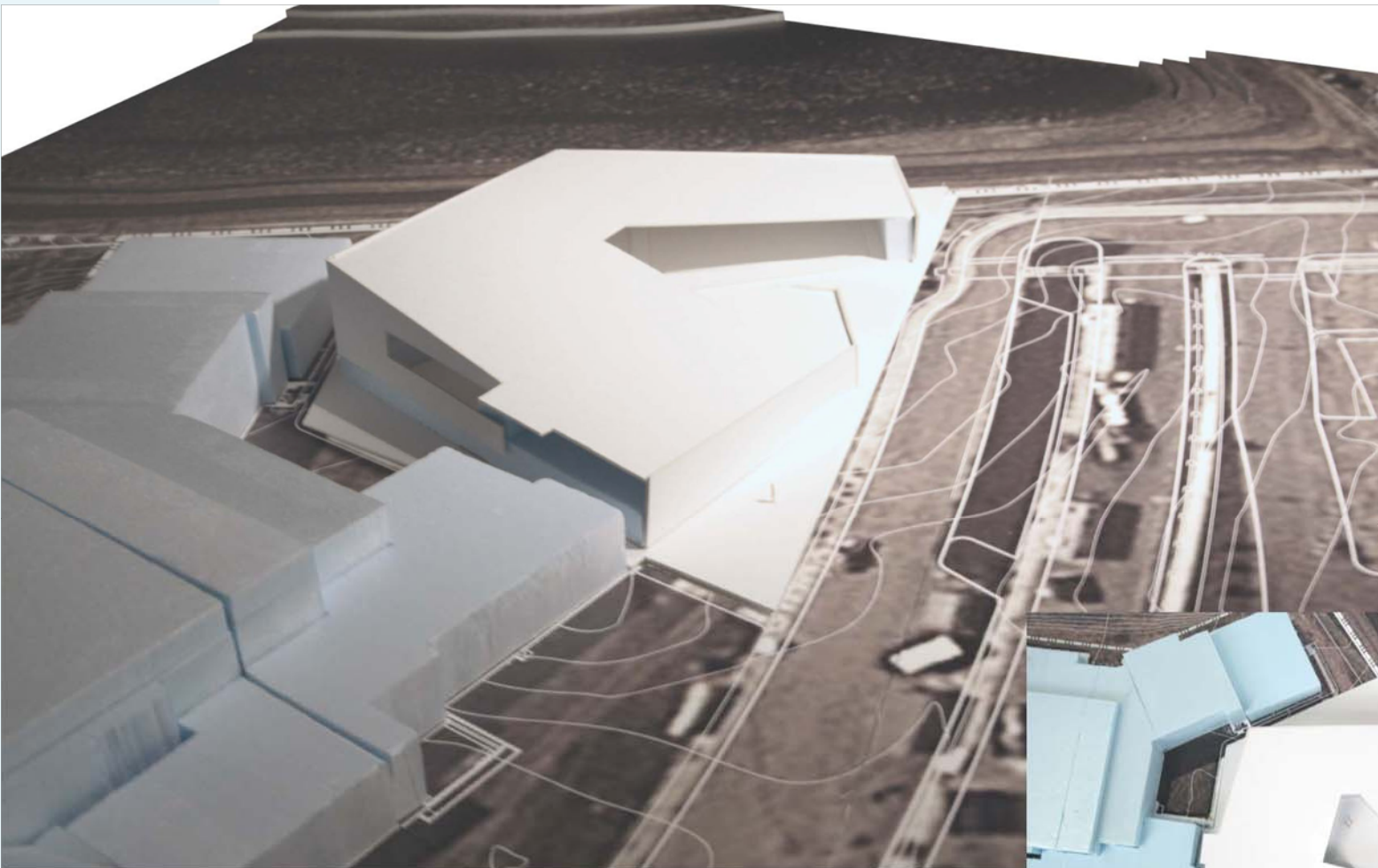


\_future addition north-west view



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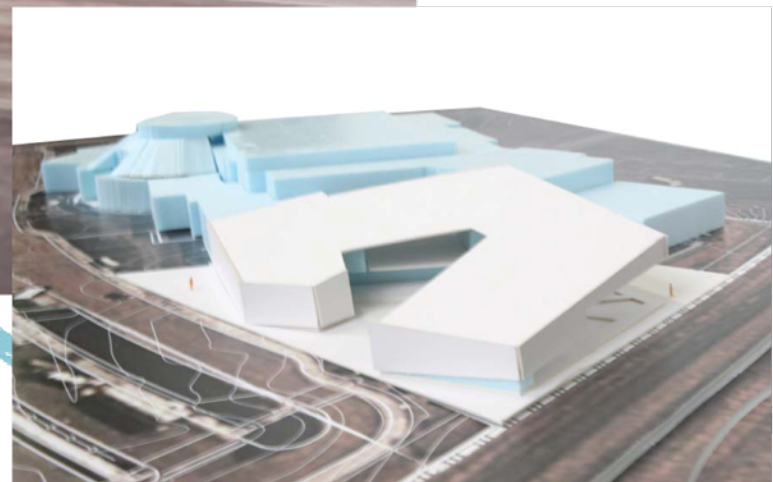
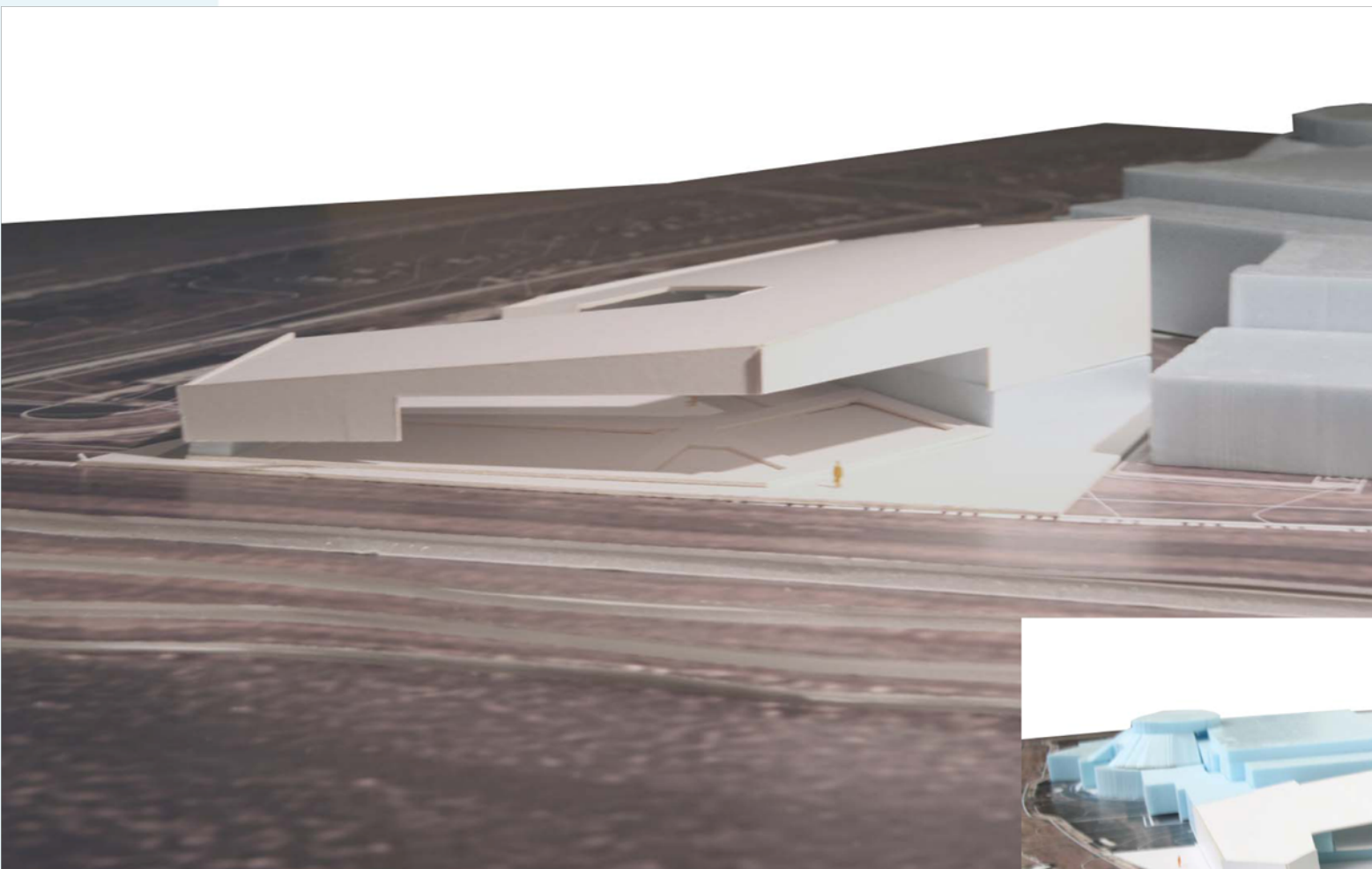
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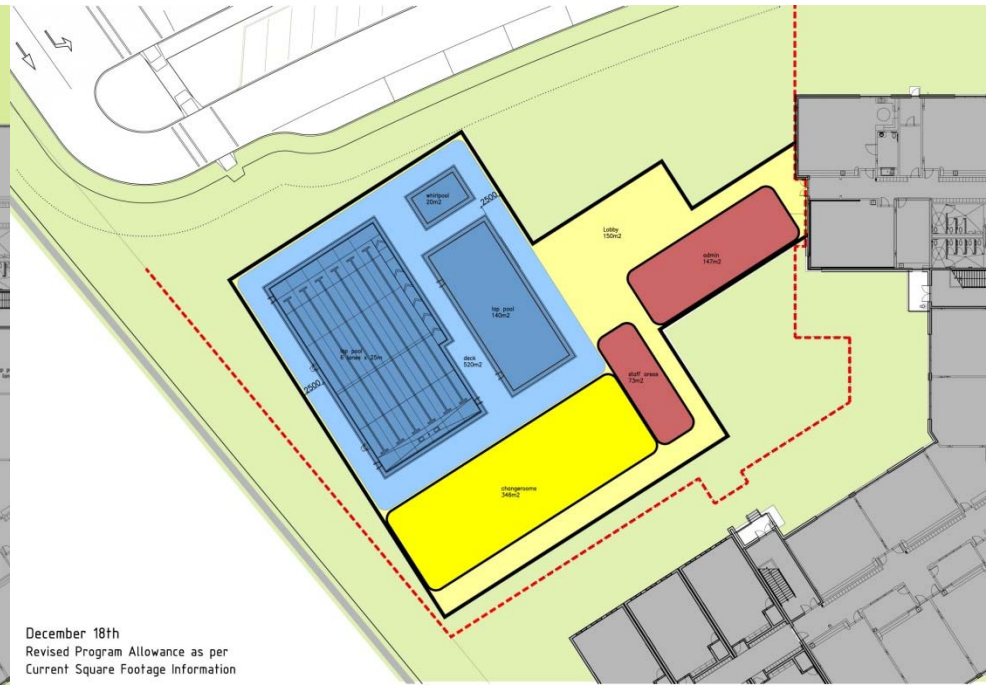
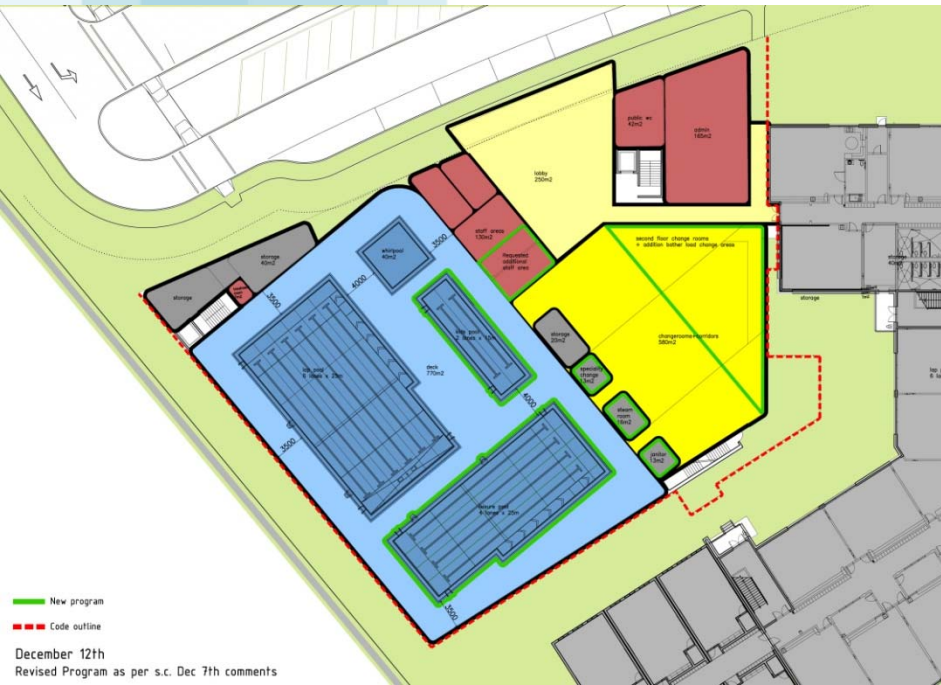


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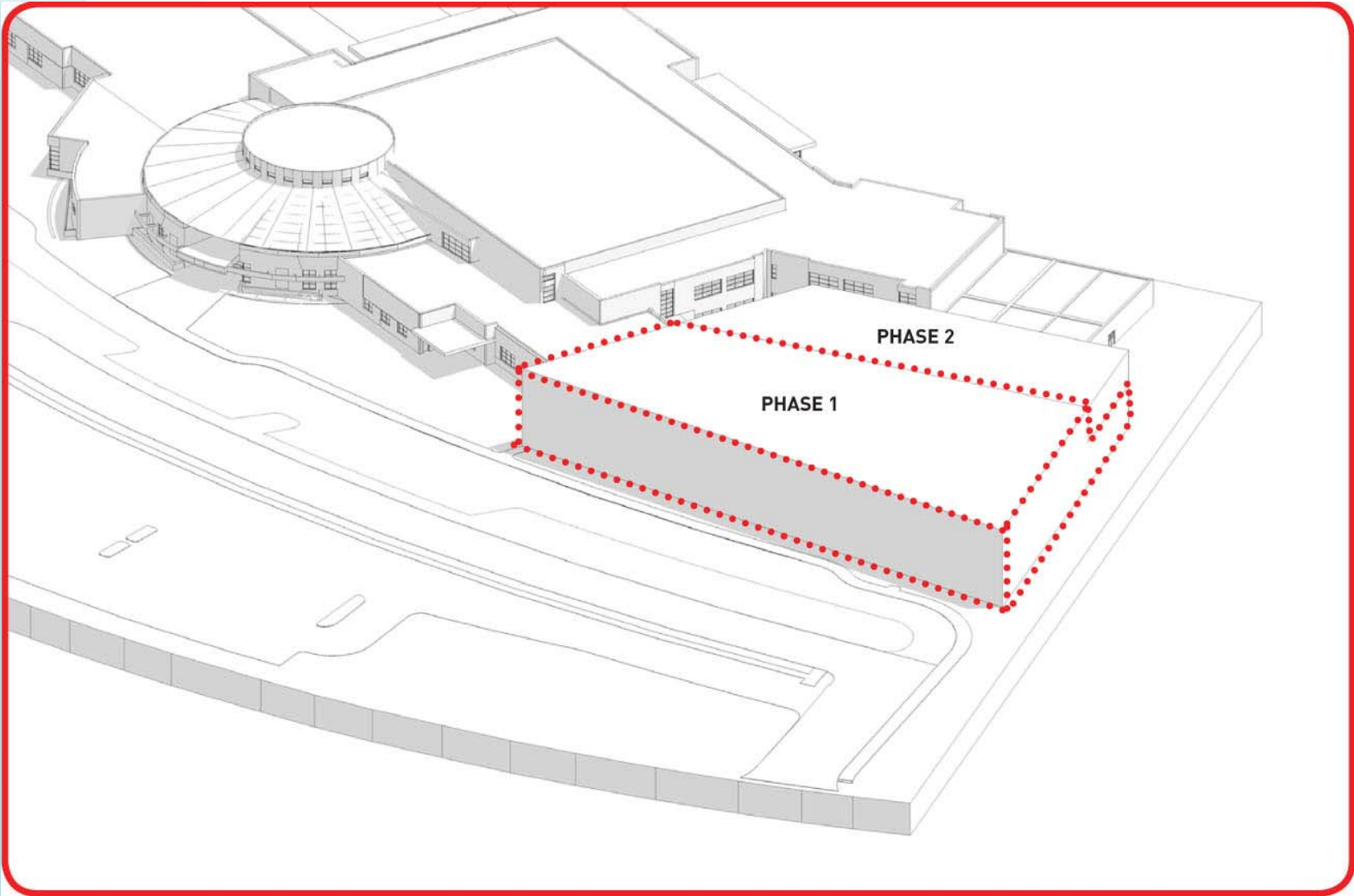
Second Floor



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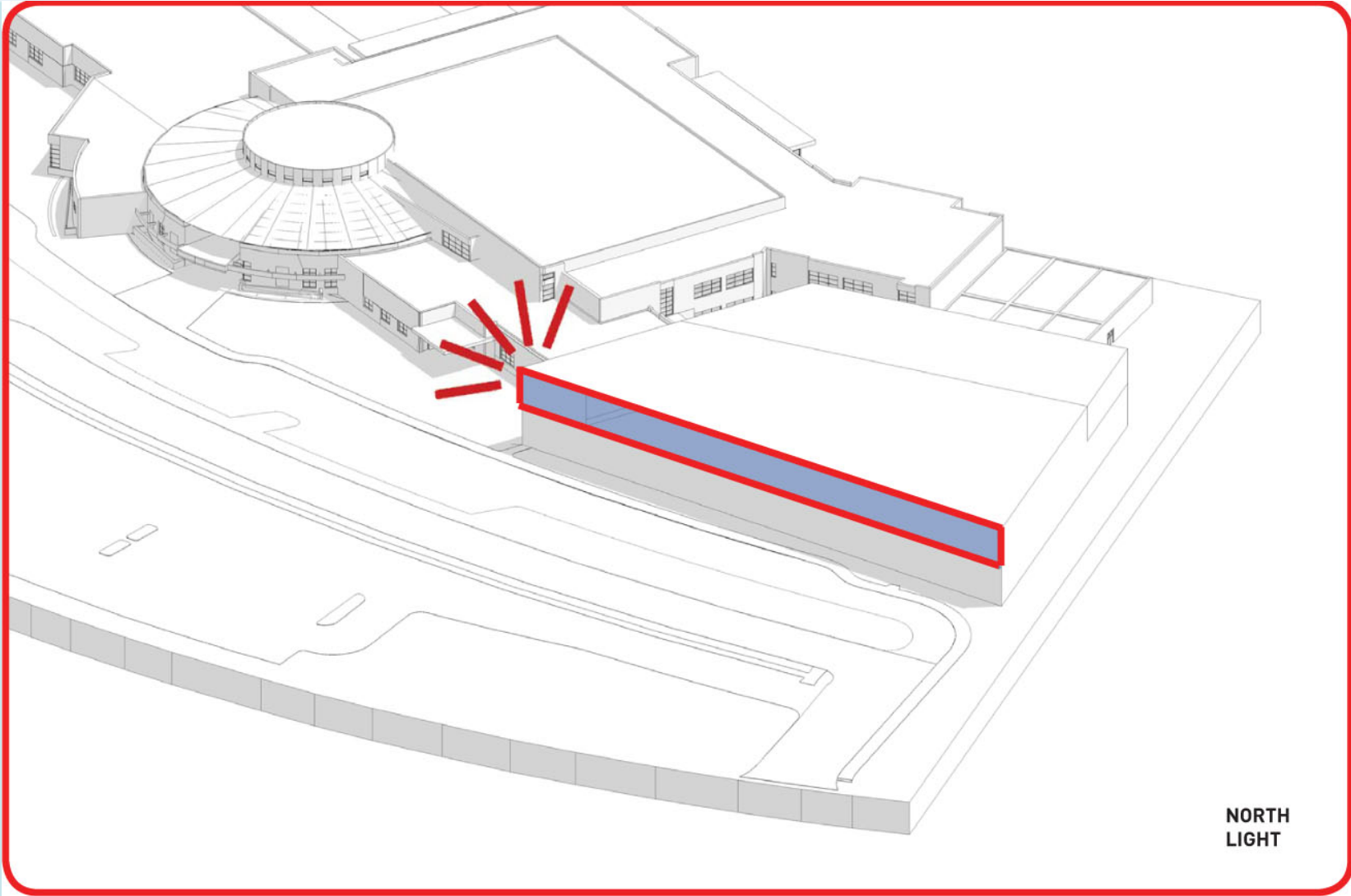


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NORTH  
LIGHT

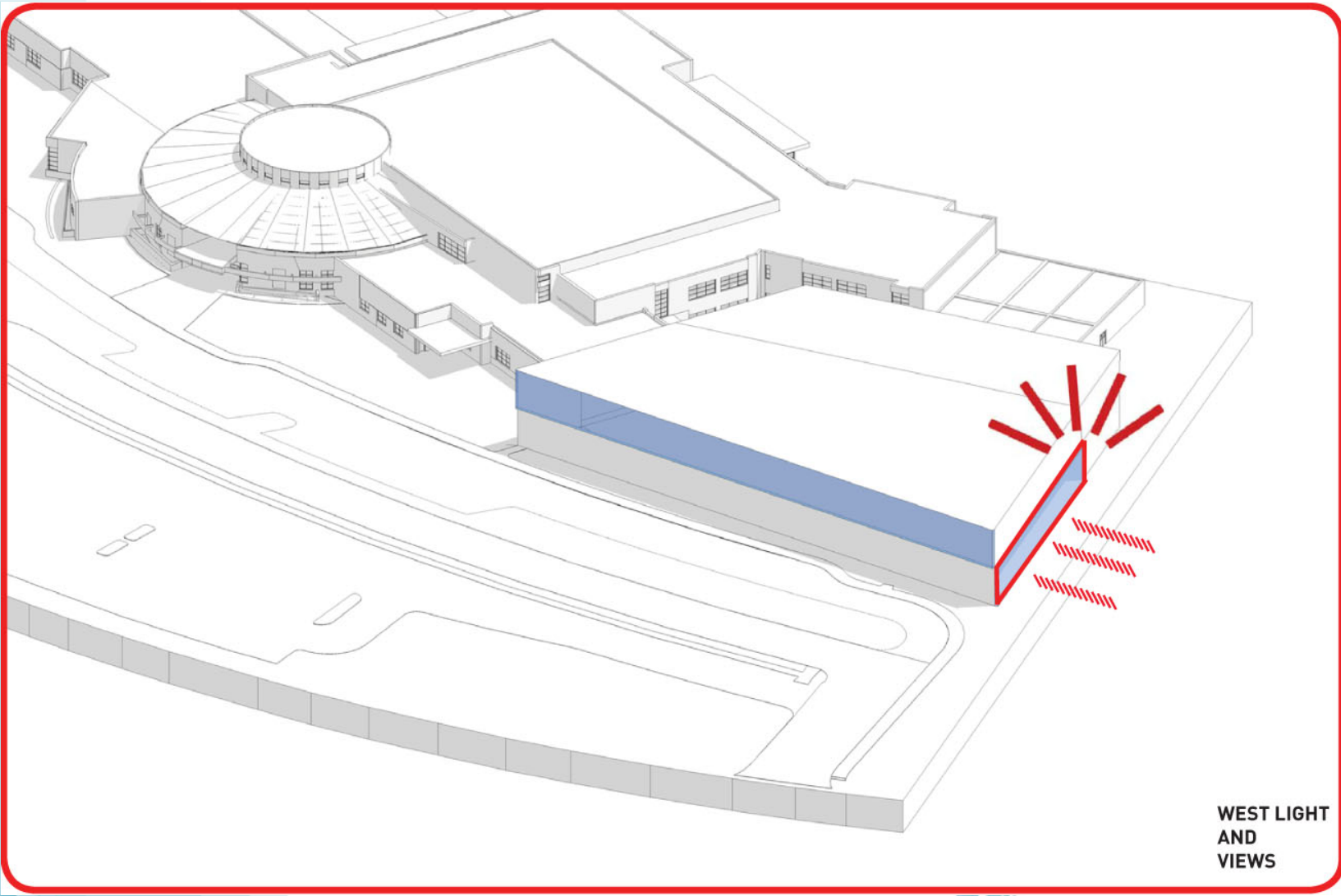
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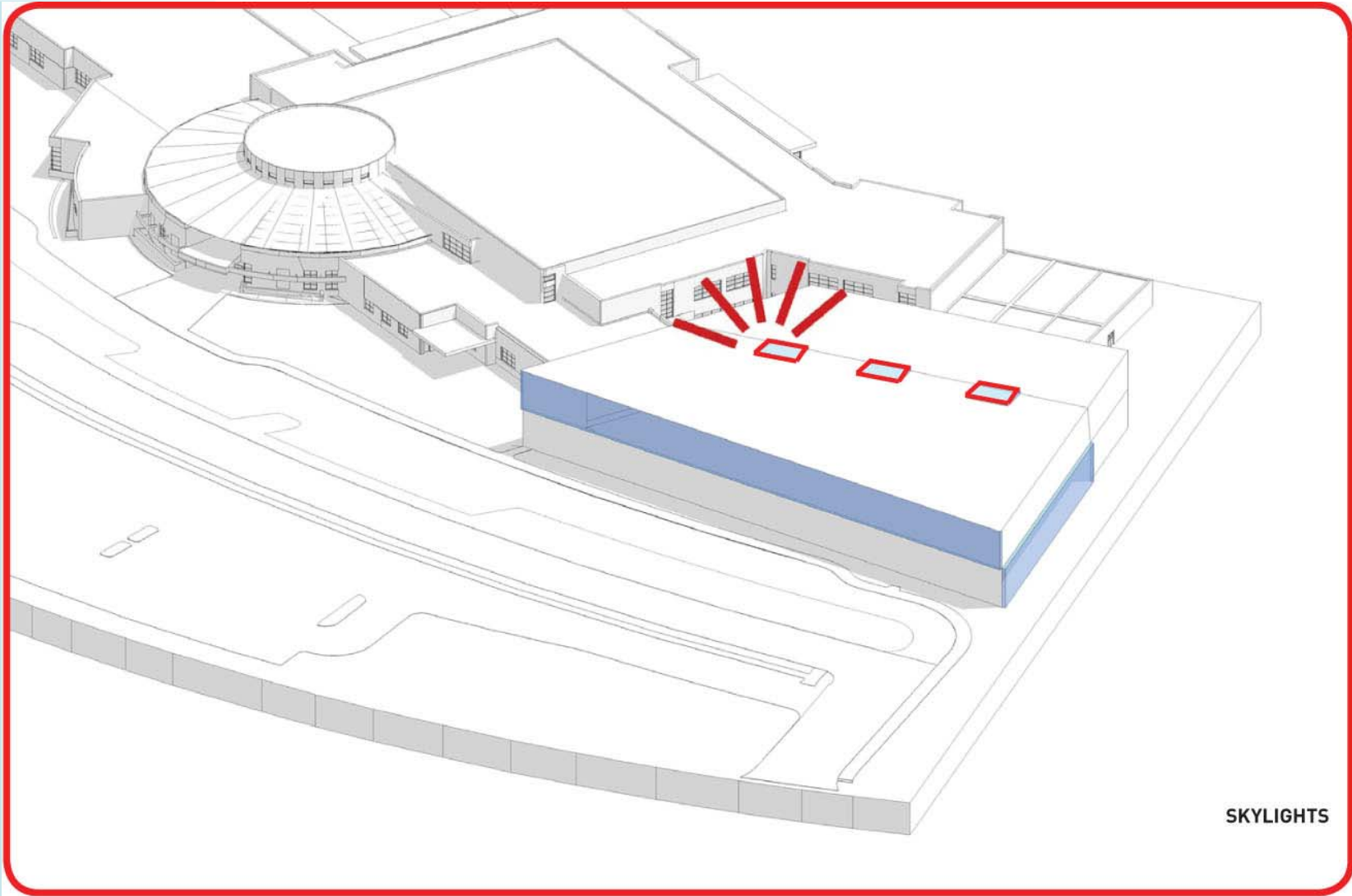
WEST LIGHT  
AND  
VIEWS

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SKYLIGHTS

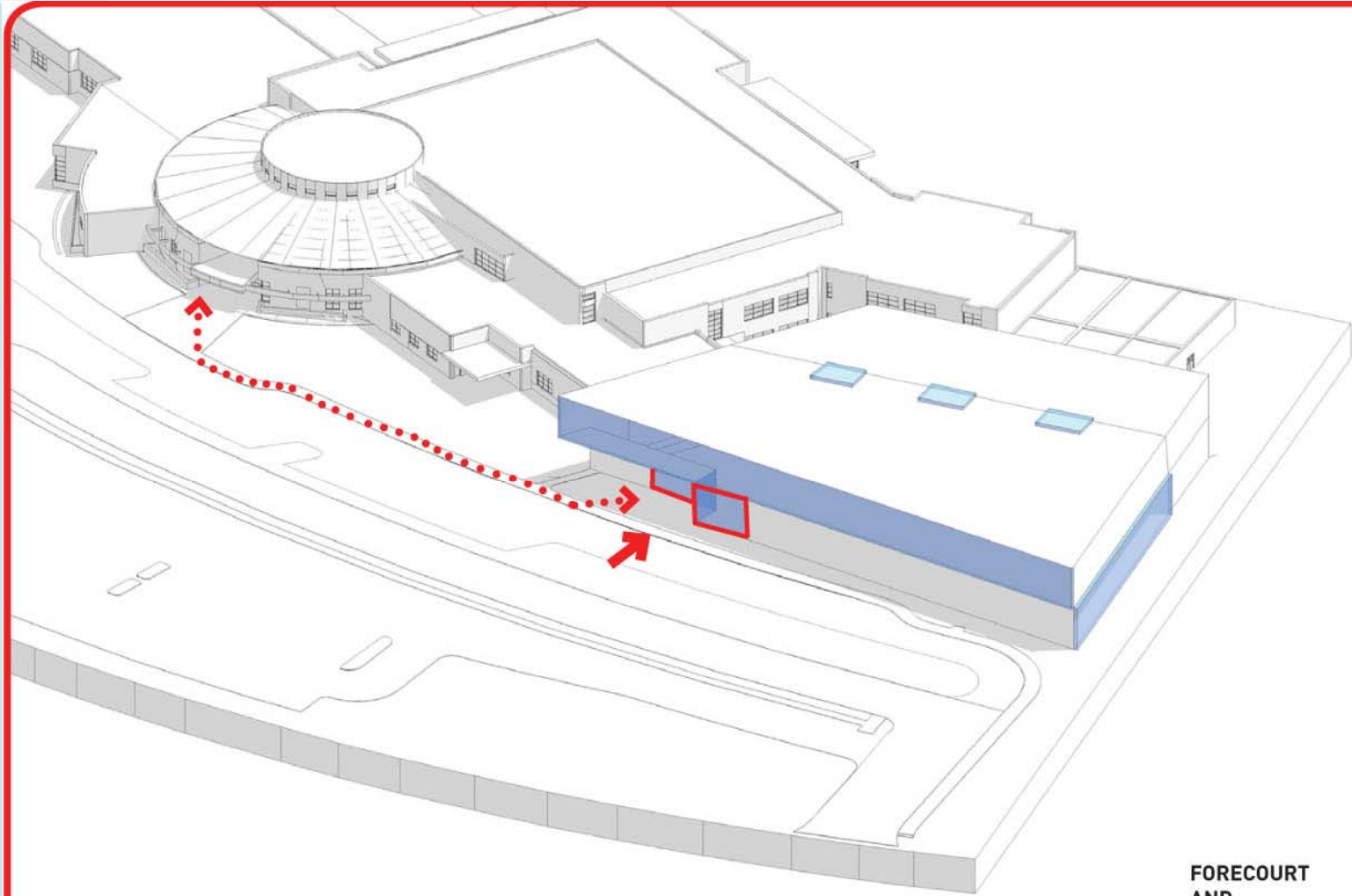
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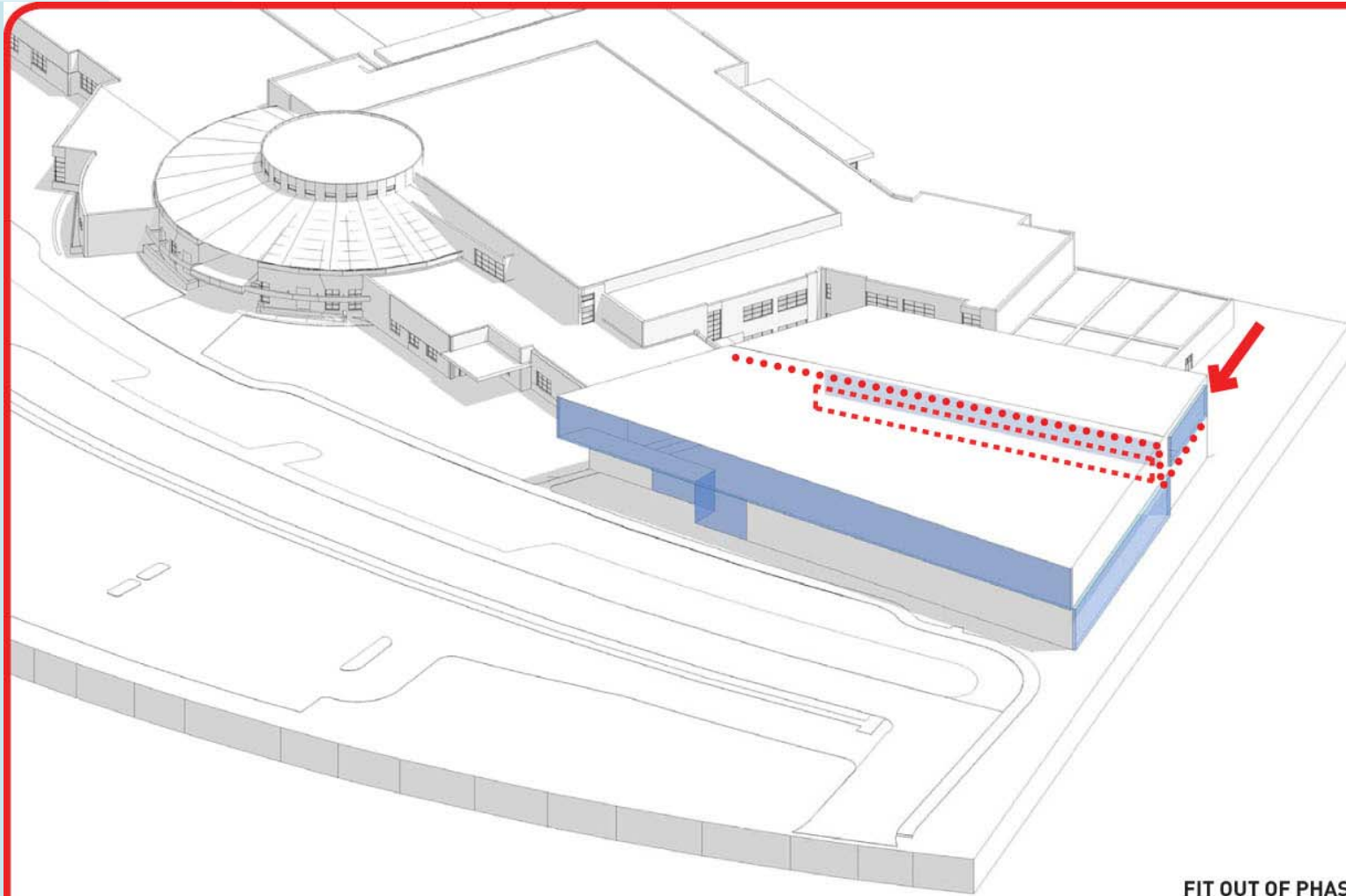
**FORECOURT  
AND  
VIEWS INTO THE POOL**

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**FIT OUT OF PHASE 2  
OVERLOOKING THE POOL**

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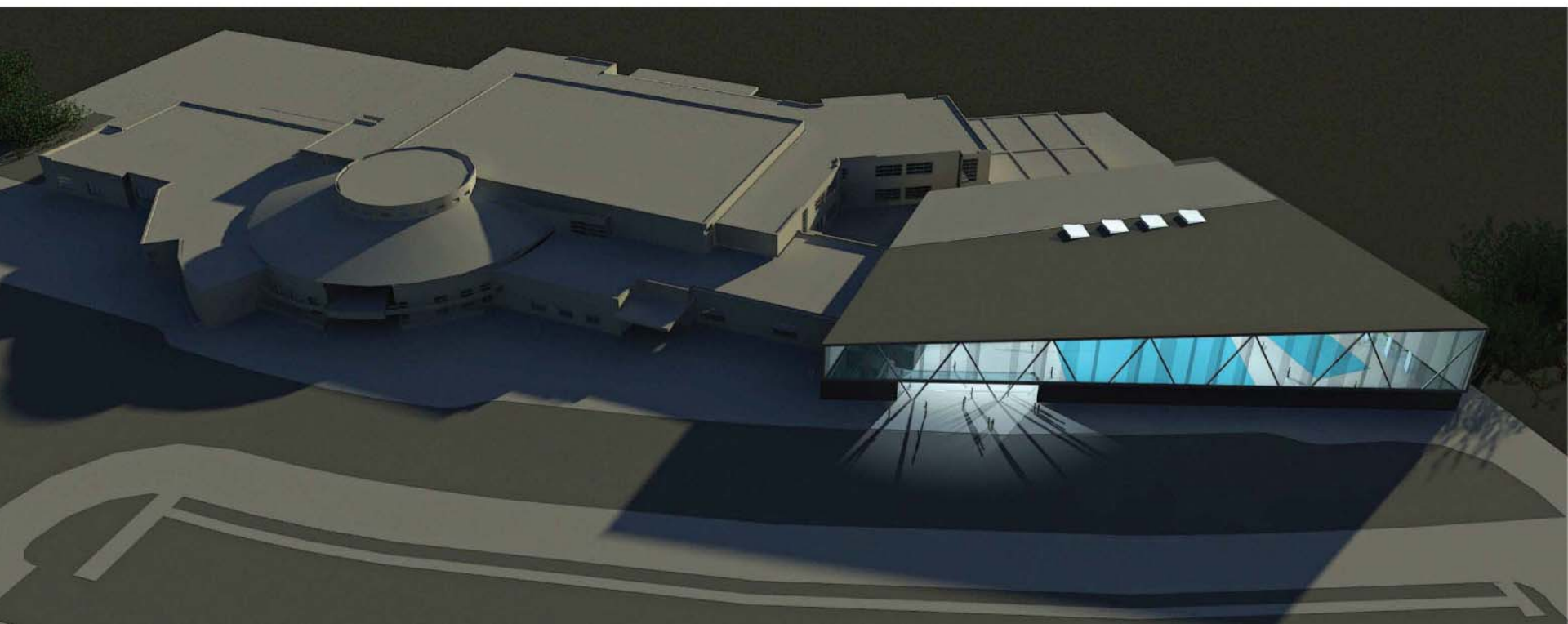
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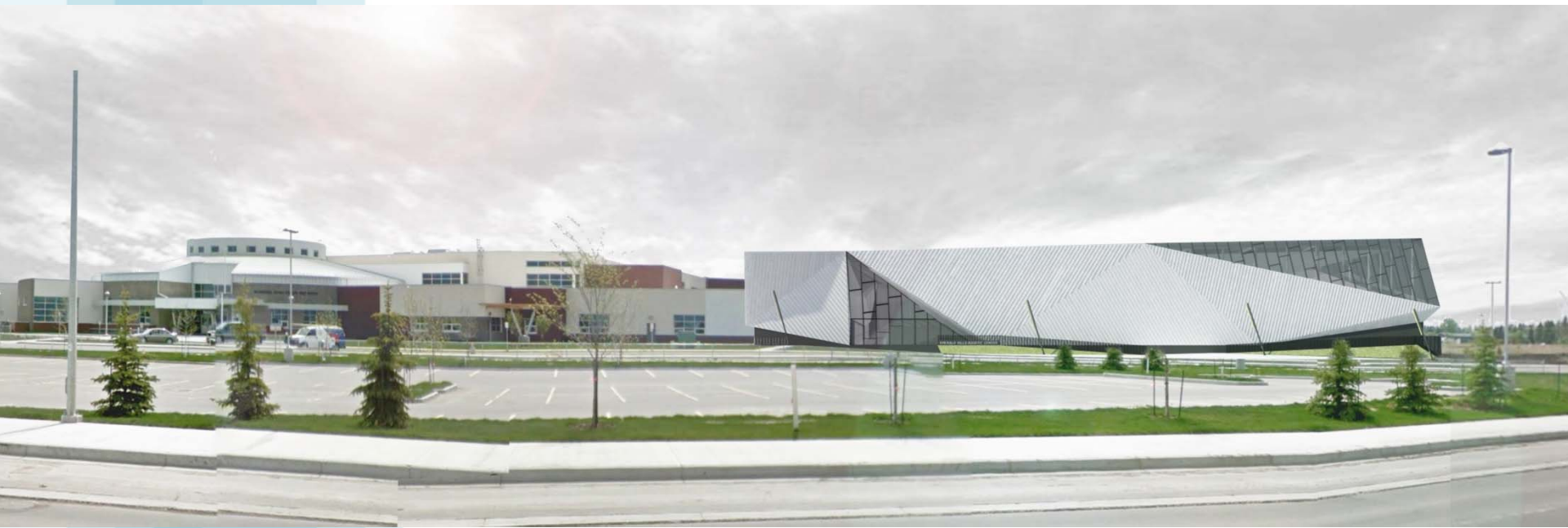
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# Shopping List of Issues and Opportunities

## Reciprocal Use

- Programming (drop-in, spontaneous and registered/spring, summer and fall camps) for fitness and nutrition
- Clubs, in-services and staff/instructor development
- Host venue for special events

Strathcona County, Recreation, Parks and Culture can provide:

- Aquatic Centre (instruction in high level swimming, specialized curriculum classes)
- Wellness Centre
- Outdoor turf/clubhouse/diamonds
- Coordination of teaching for Alberta Fitness Leadership Certification Association (AFLCA)
- Access to more advanced portable equipment for classes/testing equipment and expertise of staff (i.e. sport performance class)



# Reciprocal Use

- Assistance with leadership/volunteer opportunities
- Special events
- Millennium Card is part of school fees (“U” pass concept, approx. 3400 high school students)

Archbishop Jordan can provide:

- Gymnasium space (2 spaces)
- Classroom space
- Theatre space
- Kitchen space (catering, events, post fitness/aqua programs) (\*specialized equipment that does need training\*)
- Dance studio (fitness classes)
- Library
- Small wellness centre (inside gymnasium)

# Leadership

- Cross facility staffing
- Recreation Parks and Culture (RPC) leadership and instructor development
- Archbishop Jordan Catholic High School (ABJ) staff and student leadership development
- Junior wellness club (customer service/ sports specific training/ health and wellness training)
- Coordination of leadership and volunteer opportunities in aquatics
- Aquatic fitness AFLCA course instructors and development as well as practicum module
- Green room/ video/ filming

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# Buildings/ Systems

- Janitors (cleaning of lobby, change rooms, wellness)
- After hours staff (access through wellness)
- Mag locks for certain parts of building
- Combine security systems/ expand to include as one/ more view points
- Security
- Snow clearing
- Grass cutting
- Garbage and recycle removal
- Parking lot patrol (ensure proper parking spots)
- Window washing
- Shared first aid training and treatment
- Signage/ electronic sign (Design concepts were researched – outcomes/ decisions made)
- Flow of parking
- Access points
- Utilities district energy plan

# Other Considerations

- Level of trust between 2 parties (drama stores props in the library, theatre props etc.)
- Develop level of standards for building/ system maintenance (i.e. snow clearing when, grass cutting how often etc.)
- Concern of janitors being able to keep up to dirt from traffic when both buildings flow together
- Union options
- Develop system of schedule (some spaces much more use, some will have schedules)
- Sign in system for visitors in school – can there be 2 access points to get ‘hall pass’
- Traffic flow in school from wellness/aquatic when classes are changing
- Portable food stations for seniors
- Transitioning the typical school into something new/innovative





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&  
Wellness Centre

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