Form Concept

Public Open House March 17, 2009
1400 student Core School

BARR RYDER ARCHITECTS & INTERIOR DESIGNERS
Emerald Drive, Sherwood Park, Alberta.

Emerald Hills Aquatic & Wellness Centre March 14th, 2014

OWN YOUR FUTURE

STRATHCONA COUNTY
MTA + MJMA
Architects in Association
<table>
<thead>
<tr>
<th>feature</th>
<th>requirement</th>
<th>recommendation</th>
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</thead>
<tbody>
<tr>
<td>wellness staff desk</td>
<td>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.</td>
<td>consider space for school groups, healthcare groups</td>
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<tr>
<td>testing office/space</td>
<td>Away from main circulation area, but not requiring users to walk through workout areas to access. Privacy &amp; space for a variety of testing protocols / types of equipment.</td>
<td>Consider partially segregated teaching area with basic equipment. Group fitness spaces to be adaptable for alternative future uses. Consider dedicated stretching space.</td>
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<tr>
<td>changerooms</td>
<td>male, female and at least 1 additional unisex/accessible.</td>
<td>temp/air control for each room/area. Innovation in air movement/fan systems. 4-8 locations for water fountains</td>
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<tr>
<td>washrooms</td>
<td>include within main changeroom area, provide additional unisex washroom options on 3rd floor</td>
<td>110V 20 amp for cardio equipment, individual cable lines</td>
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<tr>
<td>cardio spaces</td>
<td>Overlooking pool or facing outside, consider circulation space throughout accessibility</td>
<td>Higher than standard physical accessibility at all times. Consider auditory &amp; visual disabilities. Consider additional spacing of equipment for use by people with mobility issues. Elevator accessible at entry of spaces.</td>
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<tr>
<td>stack weight spaces</td>
<td>consider circulation space throughout</td>
<td>sound innovation in sound attenuation</td>
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<tr>
<td>free weight spaces</td>
<td>close to circulation desk for supervision</td>
<td>janitorial 1 room / floor, in addition to one in each changeroom</td>
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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
Parking / Circulation
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
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

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OPTION 2 - ‘Pool at Front’

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

OPTION 2

ENTRANCE CREATES SEPARATE IDENTITY - GRACIOUS FORECOURT ENTRY
OPTION 2

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

DEFINED COURTYARDS - MORE PRIVATE
OPTION 1
Ground Floor

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March 14th, 2014
OPTION 1
3D Views

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OPTION 2
3D Views
FIT OUT OF PHASE 2
OVERLOOKING THE POOL
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
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