

# A Pool for Liverpool

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# Who uses an indoor pool?

- \* All ages
- \* All fitness levels
- \* For therapy
- \* For safety in a water environment
- \* For development and physical conditioning
- \* For competition (Dambusters can train all year)
- \* For fun and recreation



# A Long Time Coming

- \* Early 80's, Bowater set aside funds for pool
- \* 1996 Needs Assessment, pool high priority
- \* 2001 RecPlex found 80% responders wanted pool;  
2005 Final report included pool
- \* 2007 Needs assessment:
  - \* 91% wanted pool
  - \* After walking, swimming was the most common activity
  - \* Adults AND children listed swimming as top priority (91% high or medium high priority)
- \* 2010 No pool but promise of one to come

# From 2007 Needs Assessment report

- \* Recreational swimming continues to be one of the most popular leisure activities for all ages. The 2000 Physical Activity Monitor reports swimming was the number one sport for children and youth (5-17yrs.) with an 87% participation rate in Nova Scotia, and was the number one sport for facility based participation among adults over 18 years of age. As the population ages and older adults remain active well into their 80's and beyond, services that support this low impact, aerobic activity will be in increasing demand.

# Who is our pool of potential users?

- \* Queens County ~ 10,000
- \* Shelburne County ~ 14,000
- \* Estimated users 2,500
- \* Comparison site with same size pool
- \* Dalhousie NB ~3,500
- \* Restigouche ~32,000
- \* 20 full time members from Queens now at LCLC

# Our Proposed Pool

Consultancy with Bill Burke who has built over 30 pools in Canada

## Planning



### Trends and Tips for Planning Your Aquatic Facility

By Bill Burke, Burke/O'Brien Consultants Ltd.

The major differentiator between competition pools and leisure pools is water depth and temperature. Pools designed for competition are relatively deep with water temperatures conducive to strenuous exercise while leisure pools are shallow and warm, appealing to users who do not swim well enough to be in deep water and prefer to lounge, play and socialize when they go for a swim.



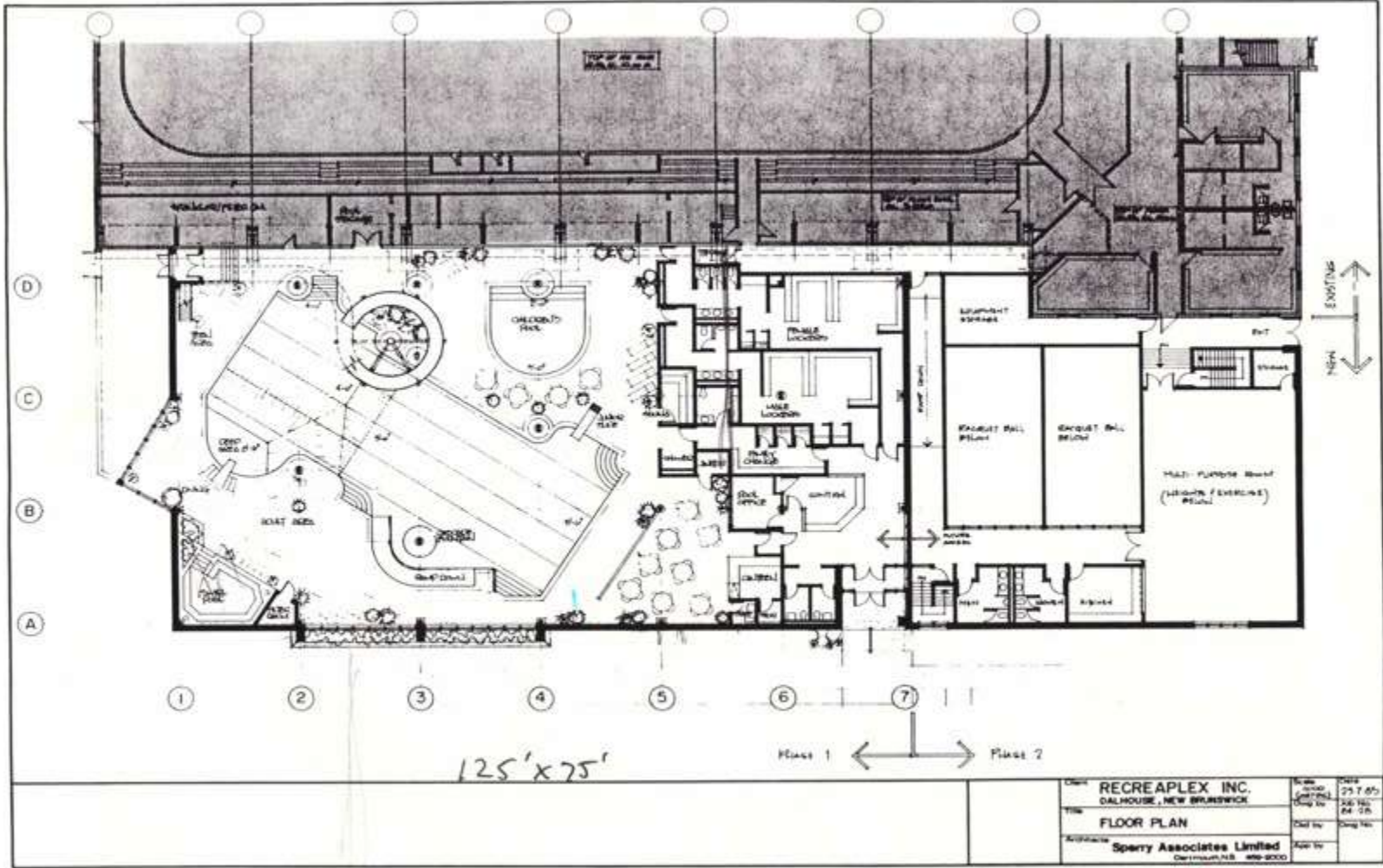
**W**hat are the trends and issues of importance to recreation professionals, planners, designers and others involved in building new facilities or renovating existing pools?

#### Major Trends

There are two overriding trends in Canada. We have abandoned the concept of stand alone pools in favor of community centers with the pool as a major component

and we have moved away from competition type pools toward what is now referred to as leisure pools.

Including pool as a component of a large building is similar to a shopping mall—many services in one location serving a variety of needs. That local pools and you may also find municipal fitness centers, libraries or cafes. Community meeting space and most notably outdoor arenas may also be part of the mix.



125' x 75'

Phase 1 ← → Phase 2

Client	RECREAPLEX INC. DALHOUSIE, NEW BRUNSWICK	Scale	1/4" = 1'-0"	Date	25.7.05
Title	FLOOR PLAN	Drawn by	26.10.04	24.10.04	
Architect	Sperry Associates Limited Dalhousie, N.S. B0P 0K0	Checked by		24.10.04	

32' x 25'

17' x 25' = 25' x 17'



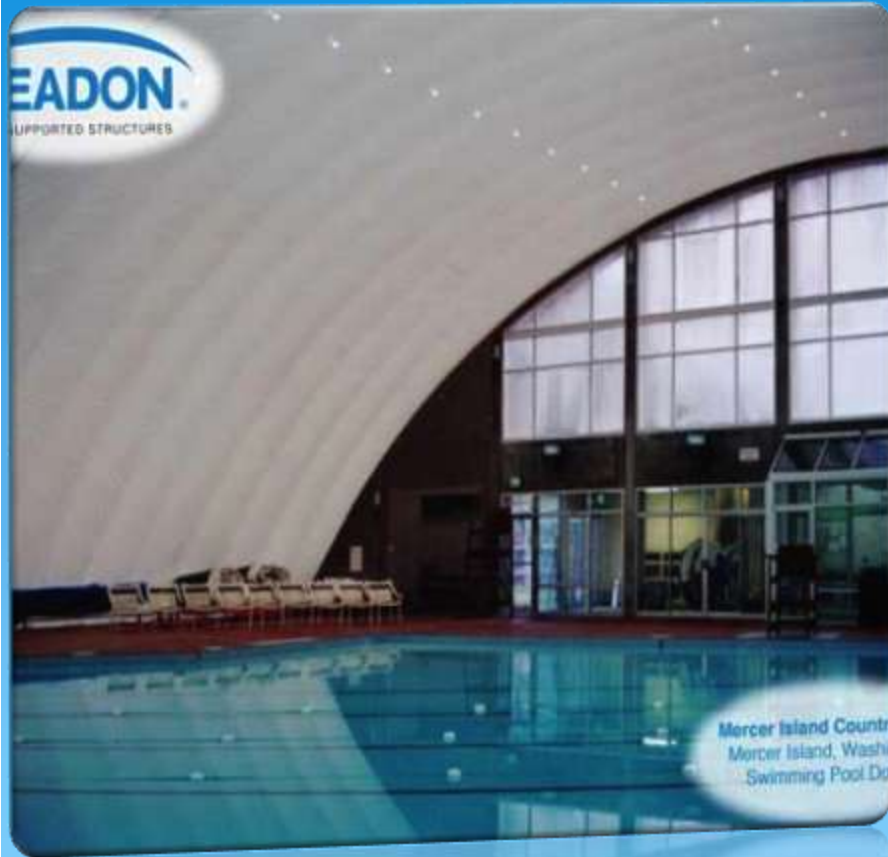
# The Dome

- \* Yeadon
- \* 25 years experience
- \* Do entire installation plus
- \* Service commitment for lifespan of dome (~16 years)
- \* Possible to have in colour similar to Emera Queens Place
- \* Possible to paint
- \* Fence on outside to protect structure required (*will address fence later*)



# Interior of Aquatic Club Chesapeake VA

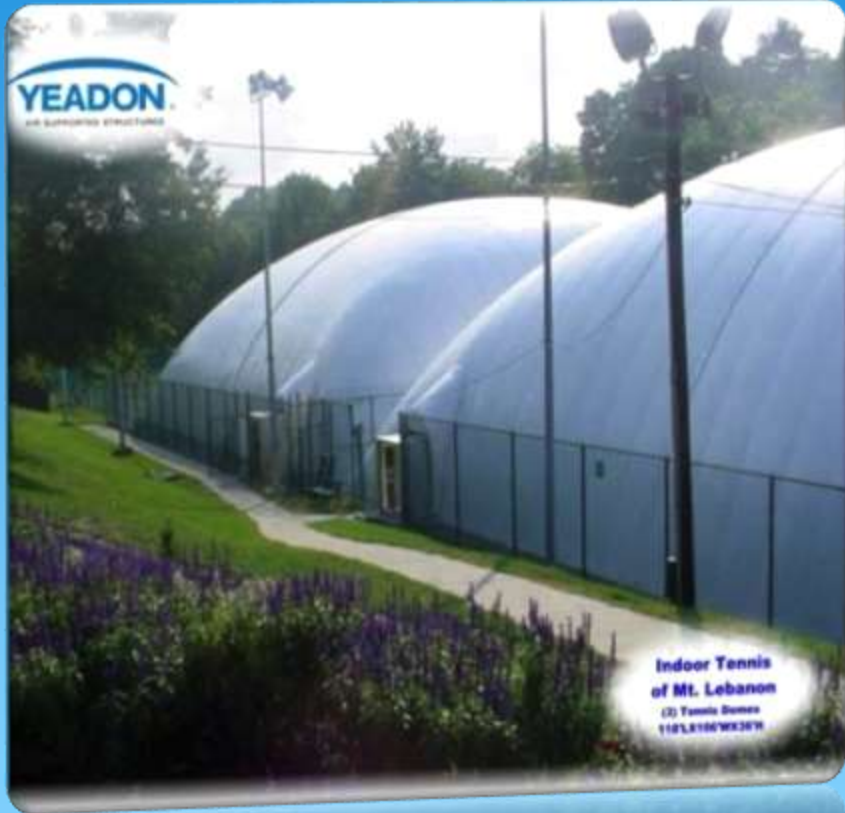
Nb light from skylight



**EADON**  
SUPPORTED STRUCTURES

Mercer Island Country  
Mercer Island, Wash  
Swimming Pool Do

## Mercer Island, WA



## Exterior Mt. Lebanon, NJ



# Anchorage, AK

Nb artwork on exterior

# Dome (cont)

- \* 3 layers
  - \* Air (insulation)
  - \* 2 heated
  - \* Decreases heating costs and condensate
- \* Snow sensor on top: automatically increase heat to melt snow
- \* Skylight: decreases cost of daytime lighting plus esthetically appealing on inside
- \* Air handling unit has 2 fans, one to circulate air, other to keep dome pressurized
- \* Generator required for power failure

# Fence

- \* Protect from wind, snow removal equipment
- \* Designed to simulate current Emera Queens Place exterior

# Daytime



# Nighttime



# Pool

- \* As in original Queens Place plans
- \* 25 meters
- \* 4 lanes
- \* Small hot therapy pool
- \* Slide
- \* Low diving board
- \* Platform which can be raised for toddlers and wheel chair access
- \* 146 person capacity



# Structural Costs

- \* Dome:

- \* \$235,000, including installation + propane and electrical installation
- \* Graded beam \$60,000

- \* Fence:

- \* \$100,000

- \* Pool:

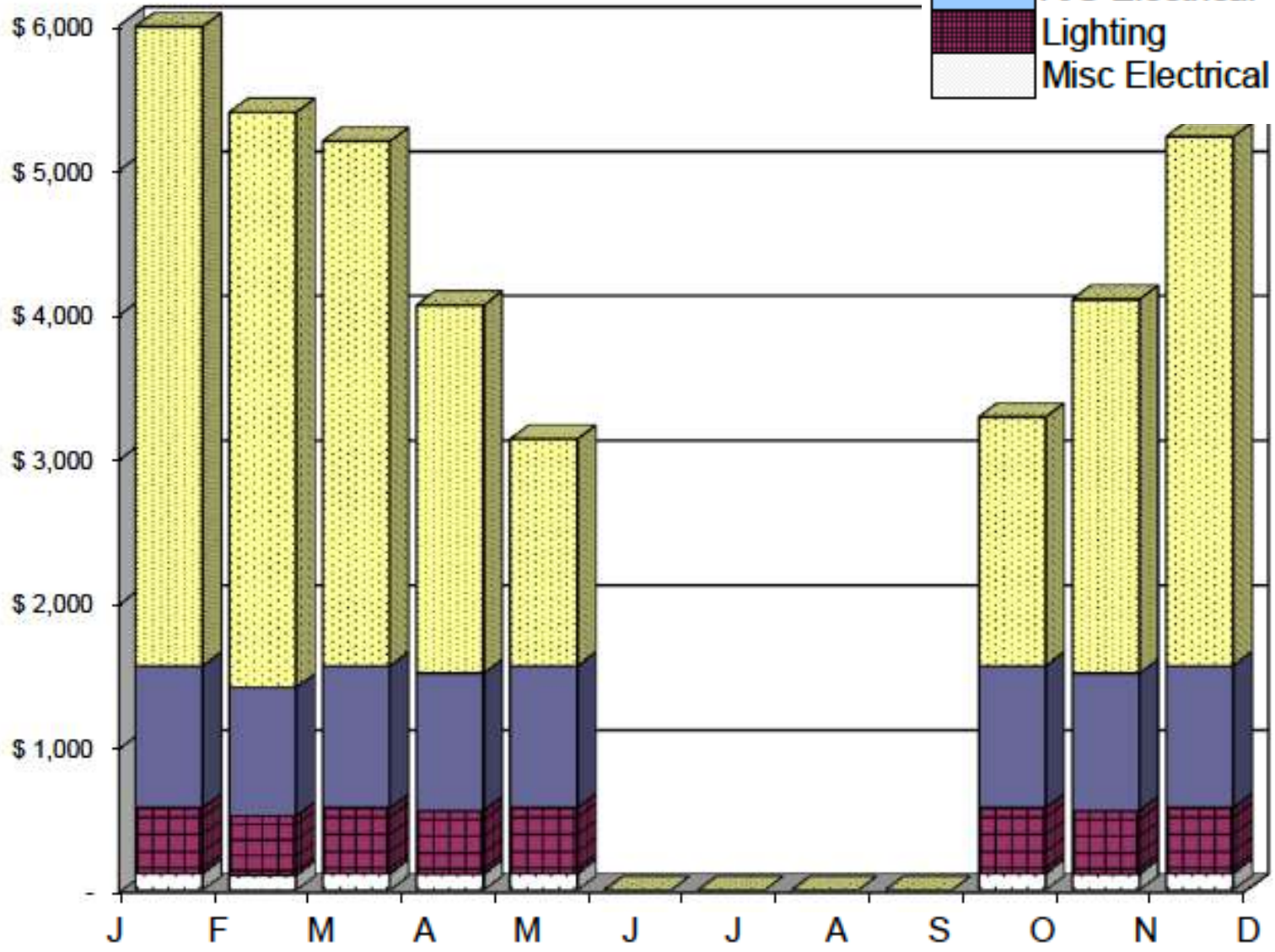
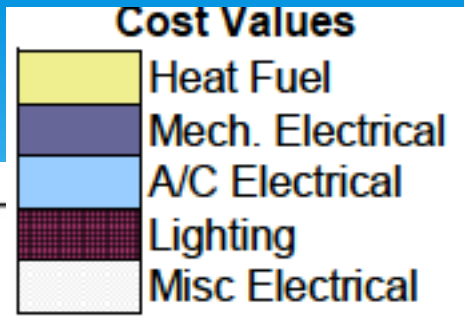
- \* Excavation ???
- \* Pool and Deck \$850,000
- \* Subtotal + HST under \$1,500,000
- \* Adding unknowns, total on top of \$1,500,000 still under \$2,000,000

# Annual Operating Costs

(based on Dalhousie NB Recreaplex)

- \* Staff (1 administrator, 20 lifeguards) \$150,000
- \* Power \$60,000
- \* Chemicals and other upkeep \$15,000
- \* Total \$225,000

# Energy Estimates



# Energy Estimates

## Annual Totals

Annual Heating Fuel Used:	<b>60,216.49 m3</b>	Annual Heating Fuel Cost:	<b>\$ 24,086</b>
Annual Mechanical Electricity Used:	<b>70,356.0 KWH</b>	Annual Mechanical Electricity Cost:	<b>\$ 7,737</b>
Annual Cooling Electricity Used:	-	Annual Cooling Electricity Cost:	-
Annual Lighting Electricity Used:	<b>32,399.4 KWH</b>	Annual Lighting Electricity Cost:	<b>\$ 3,566</b>
Annual Misc. Electricity Used:	<b>8,396.6 KWH</b>	Annual Misc. Electricity Cost:	<b>\$ 924</b>
Annual TOTAL Electricity Used:	<b>111,152.0 KWH</b>	Annual TOTAL Electricity Cost:	<b>\$ 12,227</b>
		<b>Total Annual Cost Estimate:</b>	<b>\$ 36,313</b>

# Income

- \* Membership: \$50,000/yr
  - \* \$300/yr, \$100/quarter, 3 month, \$35/month
- \* Daily passes \$30,000/yr
  - \* \$5/day pass
- \* Rentals \$10,000/yr (schools, rehab programs)
- \* Classes \$10,000/yr
  - \* Learn to swim, lifesaving, aquasize, swim team
- \* Annual income \$100,000
- \* Annual deficit \$125,000

# Membership comparisons for 2014

- \* LCLC ~600 pool members
- \* Dalhousie NB has ~400 pool members (their mill closed 2007)
- \* Monthly Average 130 single passes to pool
- \* NB more than half their memberships are corporate, ie employers give membership as bonus

# Goal of Fundraising

- \* \$5,000,000
- \* Construction \$2,000,000
- \* Operating fund \$3,000,000
- \* With an investment of only \$2,000,000
  - \* with withdrawals of \$125,000 per year
  - \* with a rate of return of 3%
  - \* the fund would last for approximately 21 years.

# Fundraising \$5,000,000

- \* Small Committee of
  - \* Advisors
  - \* Door knockers
- \* Private National and International Corporations
  - eg banks, health insurance companies
  - \$3,000,000
- \* Government, federal and provincial \$500,000 (eg Canada 150)
- \* Local Corporations \$500,000
- \* Individuals \$300,000
- \* Fundraising activities \$200,000

# Fundraising continued

- \* 3 year time frame
- \* 80% go public

# Savings

- \* Milton pool closure
- \* Heat recovery from rink
- \* Modern Decktron heating system

# Other possible savings

- \* Multi level membership (pool +/- fitness centre +/- track )
- \* *Volunteer* lifeguards, instructors who get free membership
- \* Classes come free with membership, charges for non-members thus adding value to membership

# What we are asking of Region

- \* Use of Tax receipt number @ 80% of funds raised
- \* Approval in *timely manner*
  - \* Begin fundraising before actual construction
- \* Excavation. Will act as in kind local contribution for leveraging funds provincially and federally
- \* \$2500 for brochure design and printing for soliciting funds, pledge sheets, etc
- \* Meeting space for information sessions

# Long term

- \* If not sustainable after 5 years, can come down and pool will be similar setup as Milton
- \* Value added to community may make tax increase of 1% acceptable
- \* Healthier, water-safe community
  - \* eg more mobile seniors, more developed youth, fewer drownings

# Thank-you

- \* Questions and Discussion