

Greenwood Park – Draft For Discussion

June 22, 2011

Zamboni Questions June 21, 2011

- 1) What is the optimal temperature for zamboni garage? 5months –above freezing for 8 hours a day -2 to 3 degrees.
- 2) What size garage is needed to house and maintain the zamboni? 96" from the tip of the smoke stack height – if the box is up more height. Drain that can handle 20 gallons a minute, min 400 gallons of hot water with a recovery of 20 minutes or less. 200 pleasure, pleasure, 200 hockey and 200 gal.
- 3) If the zamboni should break down and need to be towed or hauled – what is the procedure? Hydro static bypass to free up the transmission. 7000 lbs empty. Loader/or axil snapped load on flatbed or trailer.
- 4) What is the best type and size of access necessary for accessing the garage housing the zamboni?
- 5) How is the zamboni cleaned out between ice clearing sessions? After every clearing with hot water. No water recovery
- 6) Does the zambonie have an on-board water heater in order to supply water to the jets? No. 2 Self contained tanks. Wash and flood water, plus ice conditioner. Recycled and reused, final hot water spray. Outdoor rinks – wash water disconnected. Shop vacuumed up. Not cycle. Wash water and flood water have been combined.
- 7) How close to the edge of the ice surface does the operator have to lift the scraper and water jet instrument? \$600 per 20 (varies) uses. One blade change per week. Conditioner
- 8) How many cubic meters of snow will a zamboni produce if there is no snow? 2 cubic yards. Indoor is ¾-1 yard typical 1 hour kid ages, temperature, chewed up, OUTDOOR – windswept and filling
- 9) What is the best way for a Zamboni to scrape and treat the edges of a rink surface? For instance we often see someone sweeping the corners and sometimes scraping the corners where the vertical boards meets the ice. 4ft from corners, sweep, hand water because the radius are tighter than the turning radius. Spray coming out the left side of the Zamboni – 12" from the edges, not quite 2 ft. puck board brush.
- 10) Do you prefer a hard edge with boarder or soft edge without an edge boarder?
- 11) What are the 4 greatest obstacles that a Zamboni may encounter? Things in the snow, pucks, sticks, any, skate blade, water bottle, stuff that is hidden. All wheel drive. Huge blind spot in front of machine, 20 feet in front of machine. Stopping the machine. Anything that can damage the blade.
- 12) What rink locations in the GTA that zamboni drivers consider to be the best in the GTA and why? Easy access, endless hot water,
- 13) Could I get permission to observe (tag along with) a local Zamboni operator at Bill Bolton or McCormick for 4 hours or so?

June 15, 2011

Meeting Thoughts/Notes:

When nothing is better than doing something referencing the planned renovations to Greenwood Park.

The plan is missing some proper analysis of program information and in Lieu of a Community Charret:

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-Winter Uses and Summer Uses - People programming has not been comprehensively done. (This to be elaborated upon by me by designing a program outline for comprehensive analysis)

- Local interest groups and the ward councilor should draft a Survey. By drafted I mean question pertaining to use of the park such as: how many people are in a particular group, are there children in the group, what are the age ranges, what activities do they come to the park for?, how long do they spend in the park? How many days a week do they come to the park? What are their preferred times, how close do they live to the park? Etc. Etc.
- A formal or informal survey could be undertaken: There are several ways of taking the survey. I'm thinking of informal methods first such as having volunteers go door to door in the neighbourhood and knock on doors, setting up an on-line survey for area constituents whose list can be derived from the local councilor and community interest groups, churches, community centers, baseball teams, soccer teams, and the like.
 - Further, volunteers, college or high school students could be hire or engaged to survey users in the park over a several weeks. The optimal times to be decided by community committee and councilor's recommendation.
- After the first public meeting I suggested a community Charette could possibly be the ideal solution to bring many or most of the community experiences, needs, wants and desires to the Greenwood Park renovation project. This Charette would be designed to include all interested members of the community and councilor's office with a few members of CELOS there to plan, organize and run the event.
- A properly designed Charret can produce enormous amounts of useful information, strategies, options and most of all the potential for good cohesive community support.
- The Charret idea has been recognized by the city's own urban design department and other community residents associated with large architectural and landscaping firms. Below is an excerpt from a FROG letter to the Mr. Martin Balgavy of Parks and Capital Projects, Feb. 25, 2011
- June 22, 2011 insertion:
 - *"The seeds of many good ideas were present at the recent meeting; however, they were not considered within the scope of a master plan. If a roofed rink is to find the greatest success, even as a prototype, it must be first justified by solid research in terms of function and demand and then considered within the broader scope of an established design vision for the park. This design vision must be based in the realms of landscaping and urban design, not a detached engineering project." ... " We understand Councillor Fletcher has requested the involvement of James Parakh feel this is a very positive step toward are requesting that City staff host a public design charette to understand the role of the improvements within the overall park facility and create a master plan vision. This master plan will then be used as a road map to help guide these current proposals and any future projects in a cohesive manner."*
 - *A Charret should happen. It saves time, where and tear, and gives optimal project direction while at the same time building public trust and support.*
- Comments Continued:
 - After the 2nd public meeting it is clear that:

- The present designers, by not showing any other design and roofing solution in two public meetings, have inadvertently, demonstrated that they are not willing or capable of doing other, perhaps better design proposals and are not taking into considerations other programmatic

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requirements from the community. Furthermore, the present designers have not been able to put forth a method of information gathering or development strategy in a substantial enough way as to be able to produce other equally viable design alternatives. We simply have to 'take their word for it'

- A roofing study strategy should have several research components:
 - From the community: What are the goals of the roof?
 - From the City: What are the goals of the roof?
 - Are there any precedents locally or otherwise that could be used to support the intentions of the goals of the roof?
 - What criteria can be put in place to determine from modeling if the 'Roof' will be successful with it's stated intentions and goals.
 - What different configurations have been looked along with supporting rationale and study material?
 - If there are potentially local examples already existing, have there been tours of those local roof comparables. Was there a survey of the opinions taken after the tour?
 - If for example the community surveys or city visioning of goals should reveal that green roofs, sun protection at pools, community farming/gardening etc. should be followed up there is documentation for that. Further there should be response.
 - Is there a desire to have a roofed sun-protection area over the pool area as well considering the increasing concern for ultra violet protection for all?
 - Is there a desire to have or incorporate a supportive 'green roof' or 'community farm roof' incorporated into the roofing strategy?
 - There is a precedent for these kinds of strategies as they were used for the kid's playground and the addition of a concrete slab adjacent to the unused out-building for additional 'event' space.

- The area councilor: I cannot determine, with certainty, what is informing the area councilor with regard to her expectations and performance criteria as it applies to Greenwood Park and in the light of her personal political aims.

– Collected stories, petitions, and notes taken from public meetings, private meetings such as FROG, and other meeting both formal and informal should determine a comprehensive study. If these program requirements are going to be affected: the club house (interior alterations), pool (change rooms and family room), rink (shifted and pleasure pad expansion), soccer pitch, baseball diamonds, playground, and out-building (presently unused however and 'Event' pad made of concrete was added in the recent past in order to facilitate 'some' event. What is that event? or What are those events? This pad for example is the result of someone's story - There must be a documentation of these events, the amount of people, type of event, type of people, age range, time of day, who sponsored the event, what was the goal of the event or events, was it successful? These considerations all inform someone at the city that determined the size and configuration of this 'event' pad.

Therefore it is reasonable to suggest that before design gets built that a logical process of analysis takes place or at the very least an idiosyncratic analysis takes place. In either case the decision should be documentable and accountable so any decision can be reassessed based on something by reducing guesswork and unsupported opinion.

The existing chiller and two supporting concrete block buildings next to the street can easily be reconfigured in their present location to be refurbished. Further a utility pole between the two concrete block outbuildings can be moved so that the possibility of a Zamboni garage can be

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accommodated. The present consultants did not 'evidently' explore this possibility. Further, it seems the consultants are determined relocate the chillers and other mechanical spaces right in the heart of all the activities in a manner whose justification is at best uncertain.

- Something as simple as reviewing the operating instructions of the Zambonie operation would reveal applicable design criteria applied to both hockey rinks and pleasure skating pads.
- In addition the servicing requirements and opportunities would greatly aid in properly locating other and better locations for a Zambonie Garage.
- Doing a survey of the users and Zambonie operators out at the Etobicoke Skating trail would be very beneficial to the proposed layout.
- Alternative Snow Melt and Water Heating should be explored. For example the use of steam and heat produced from the chillers could be captured and used to supplement the hot water system required by the Zambonie and for clubhouse use. Further if 'solar hot water' panels were located on the vast existing roof – there would be a further savings of energy.

Hi Sally and Jutta,

Here are my comments on the most recent site proposal for Greenwood.

Please edit these comments before circulating or posting them further.

- 1) The new refrigeration room location should be reconsidered. In the proposed location it takes up a major position with regard to other potential building uses and sight lines. If the new refrigeration room is located here it will interfere, remove and preclude other major uses in the future such as the play area for children, potential kitchen, or viewing area for the existing out building adjacent to the playground.
- 2) Further the amount of money and resources moving the chillers to this new location would, in my opinion, be better served somewhere else.
- 3) There are concerns with regards to sound of chillers being located in this proposed position. In other words auditory interference being right in the middle of everything.
- 4) There must be a travel routing of proposed maintenance and service vehicles and how they will impact the area of the pleasure skating side, children's play area, and Zamboni entrances and ice dump area.
- 5) The proposed community room and refrigeration room should switch locations, in my opinion. Better would be to leave the chillers where they are and build a sound attenuated shelter around them.
- 6) With regard to the exterior proposal: it has not changed in any substantial way since the first meeting. The "Snow Dump Zone" is not sufficient and I am not convinced the regular routes and procedures needed by the zamboni can be accommodated by this plan. Further it seems it may in fact interfere with the eastern portion of the pleasure skating zone. AN ANALOGY MIGHT BE PUTTING THE HOUSE FURNACE, WATER HEATER AND ELECTRICAL ROOM IN THE MIDDLE OF ONE'S LIVING ROOM. It is not a good idea to do that for obvious circulation and programmatic reasons.
- 7) I fundamentally disagree with the location and type of roof this proposal suggests. I've given reasons in my previous comments and have proposed better solutions to be explored.

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8) The hockey pad is too far from the gallery. I've given reasons in my previous comments and have proposed better solutions to be explored.

9) When planning for trees and landscaping around the children's playground, the wintertime toboggan runs should be considered. The plantings can have an adverse impact on the safety and viability of a good toboggan run.

10) To reiterate my first position: Aecom is a very good maintenance and infrastructure technical servicing company however it is worthwhile for the City/Community to have the city impose a 'good' design firm to facilitate Aecom's initial planning for those parts that are NOT maintenance or infrastructure technical servicing.

Rohan