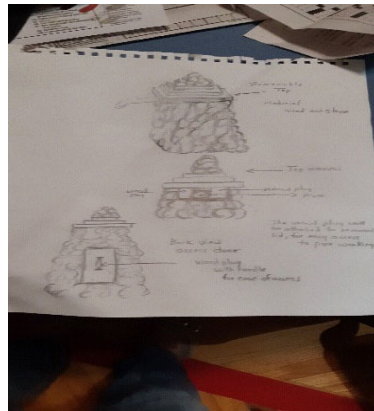


Artesian Well Completion Report - September 24, 2021

This report is to detail the artistic process in covering the Loni Beach public well found on North Lake Rd. The intention was to have a stone covering like the one found on center street near the harbour.

The construction of the well started shortly after the LBRA meeting 2021. Noting that the form and function of the Loni Beach Well was different than the artesian well at the harbour front. A sketch was designed with careful consideration.



A 3/4 plywood frame to circumference the well using screws keeping the trapezoid shape in place. On this frame steel lath was stapled to the surface of the frame.

Shortly after the construction of the frame and lath the stone surface was constructed, with stones gathered the year prior by my self and Cheryl from Richard Petrowski property with permission. Using a construction mortar the stones were adhered to the lath covered plywood frame. The sorted stones were washed. The larger stones selected to make a secure base. Stones were tapped and placed to rid any air for a tight adherence while keeping in mind the trapezoid shape.

Consideration in the construction of the removable top was so that access to the pipe and top of the well for probable future maintenance. This same thought considered in designing the back access door.





Wrapping of the well construction during cure time, for a good part of the Summer, making sure that it did not interfere with the wells function or access.

In late August, the process of scrubbing of the well with Muriatic Acid commenced. This rids the stone of left-over cement haze and debris that hindered the natural stone appearance.

Once the well had cured for 30 days and scrubbed the next step was to waterproof. This process involved Behr concrete and masonry protector and waterproofer. Completion of this process was the Labour Day Weekend. The top and the back access plug still need waterproofing. Their construction completion was in delay due to construction adjustments and need to cure 30 days. Their waterproofing will begin this coming weekend (September 25-26).

Carol Klein

Side notes:

The construction enhancement of the Loni Beach artesian well has given me a sense of community. I appreciated to be able to phone both Cheryl and Richard (signed up to help) spontaneously to meet me at the well for the next step of construction. I also appreciated their input around design ideas, it was nice to brainstorm. Many Loni Beach residents stopped by, and I was able to meet them. One resident suggested an imbedding of a coin within the structure. Wonderful idea and a 2021 coin (quarter) was placed with strategy to mark the date. Cheryl also donated some of her prize lucky stones to place on the structure.

I was pleased to be able to be part of such a wonderful idea. The next step is to place a plaque on site.

After being informed yesterday (September 23rd) that there maybe a problem such as an internal leak at the base of the well and that Richard Petrowski was there with maintenance people. I gave a call to Richard Petrowski to get more information and he informed that the construction of the platform was being considered and may begin this year. Yes, the rubber seal on the pipe, which is on top of the well needs replacing. This is general maintenance, he ensured that the design of the well will not hinder that process, and he felt that is should not change the design of the well top. So good news platform construction and walkway will soon begin, weather providing.

