City Municipal Aquatic Facilities Evaluation Report

August 2017

Barton & Loguidice

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Evaluation Report

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Prepared For:

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Corning, New York

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1.0 Background

This report has been prepared by Barton & Loguidice, D.P.C. (B&L), on behalf of the City of Corning (City), to evaluate the existing conditions of the Municipal Aquatic Facilities at Denison Park and Stewart Park in Corning, New York, and to explore options for repairing and/or replacing the existing facilities. The City currently operates swimming pool facilities at both the Denison Park and Stewart Park complexes and both pool facilities have deteriorated over time. The City would like to evaluate decommissioning and demolishing each pool, replacing each in kind or replacing them with another type of aquatic facility such as a "Splash Park". B&L assessed the existing conditions of the two facilities, conducted a Code survey and review of regulatory requirements, and evaluated alternative options to help the City determine the associated costs for each option and appropriate course of action.

The existing swimming pool facilities at both Denison Park and Stewart Park are between 35 and 45 years in age. While the City has performed typical system maintenance tasks and repairs, and replaced some of the pool support equipment, the facilities have continued to deteriorate over time. Currently, the City is in the process of replacing the existing sand filter, pump, and water treatment system at the Denison Park main pool so that the facility can be operated for the 2017 summer season.

The existing Denison Park swimming pool complex is located on Denison Parkway East in the City of Corning. The main swimming pool consists of a large L-shaped outdoor pool with an approximate surface area of 4,850 feet. The pool has a shallow area with built-in stairs on the north end, and a diving tank with 1 meter diving board on the south end. There is also a small wading pool separate from the large main pool along the north end of the complex. Both pools have a large concrete deck area around the perimeter of the pools and a 12-foot fence around the perimeter of the facility. The facility also has three separate masonry buildings housing two pool mechanical rooms, restrooms, changing areas, lockers, first aid room, storage rooms, an office, and small concessions stand.

The existing Stewart Park swimming pool complex is similar in size and located on Thorn Street in the City of Corning. This Park has one large L-shaped swimming pool with a similar layout, including a shallow end with steps across the west end and a diving tank with 1 meter and 3 meter diving boards on the south end. The pool has a large concrete deck area and 12-foot fence around the perimeter. The complex also has two separate buildings for restrooms, changing areas, lockers, storage, first aid room, office and small concessions stand. The pool mechanical room is housed in a third separate building on the south end of the pool.

2.0 Pool Facilities Analysis

B&L visited both sites on April 10, 2017 and again on May 9, 2017 to visually assess the condition of the overall facilities. During the initial site visit, B&L staff met with City maintenance personnel who regularly maintain the pool facilities, and discussed the current pool conditions as well as past maintenance and repair activities. The large pools at both facilities had water in them from winter, which made it difficult to see the bottom and lower sides in the deeper portions of the pool. Both pool facilities were found to be in fair condition with numerous issues throughout each facility.

Stewart Park

The pool at Stewart Park was assessed first. There are numerous areas of concrete spalling around the sides of the pool with cracks and voids in the steps at the shallow end. The perimeter concrete deck is uneven with numerous cracks and areas where the concrete had heaved. The gutter along the southwest side adjacent to the stairs in the shallow end is uneven and pushed up in one area. According to City maintenance personnel, they have found voids behind the southwest pool wall in this area and have filled in the voids with concrete several times in the past few years to reinforce the wall. The south pool wall in the deep end appears to be bowing out, which may indicate voids or water leaks below the deck surface. City personnel report that the lawn areas around the pool facility are often saturated with water even during dry summer months. This saturation issue coupled with the bowing wall may indicate soil stability and groundwater issues, but this would require a more extensive soil study outside of the scope of this evaluation. See the attached photos in Appendix A.

The concrete deck area around the pool and existing building is uneven in numerous areas with spalling, cracks, and voids creating tripping hazards throughout. This same condition was found in the dressing areas and toilet rooms. There is also deteriorated concrete masonry along the base of the building walls that have been previously repaired. In several areas, the concrete deck has settled down lower than the building walls leaving cracks and voids in the floor. Perimeter fencing and site lighting were noted around the facility. Several of the light poles were corroded near the bases and in need of replacement. The fencing was bowed in some areas and pulling away from corners.

The existing pool filter and treatment building adjacent to the pool appeared to be in good condition. Existing lighting and electrical panels are in fair condition with some panels showing extensive corrosion. Access to the existing pool filter and pumps is difficult, and located below grade. The water treatment system is a liquid chlorine injection. The existing filter system is a

Recreonics Micro Flo vacuum sand filter manufactured in 1983, with a design flowrate of 840 GPM at 15 GPM per square foot. The stainless steel filter unit is functional, but showed signs of surface corrosion, and appears to be past its useful life. The isolation valves adjacent to the filter were recently replaced, as well as the main pump.

According to City maintenance personnel, there are two main drains that are compliant with Virginia Graeme Baker Pool and Spa Safety Act with pressure relief valves that are functional. Most of the past repairs to the pool sides have been at the winter waterline approximately 8 inches from the top edge with a few additional repairs to the pool bottom. The entire pool bottom was not visible during both of our site visits, so we were unable to visually assess the condition of the submerged areas or the main drains.

The existing building incorporates dressing rooms, toilet rooms, and lockers with perimeter walls of concrete masonry, open near the top with a wood ceiling structure. The ceiling appeared to be in good condition although there were some signs of leaks. The various openings through these buildings provide for natural ventilation. The existing ballasted roof is original to the building and in need of replacement. The concrete floors are uneven and have heaved in some areas creating tripping hazards. Existing interior lighting consists of T12 fluorescents, which are past their useful life and in need of replacement.

The existing concession area and offices appeared to be in good condition, although roofs in these areas would also need replacement due to age and condition. The concrete floors are in good condition and adequate for the facility. Natural ventilation is also provided in these spaces through operable windows and doors. The existing interior lighting consists of T12 fluorescents, which are past their useful life and in need of replacement.

The plumbing fixtures are older type fixtures in working condition; however, these fixtures are not water saving type and would not meet current ADA requirements. There is no hot water in any of the toilet rooms and showers, which does not meet current Building Code or DOH standards for pools. The existing roof drains are not piped to the existing storm sewer system and simply drain onto the floors inside the buildings creating erosion around existing floor drains. Due to lack of access to any existing drawings for this facility, it is unclear if the floor drains are piped to the sanitary sewer, storm sewer, or simply directed to a graveled bed below each drain. Floor drains in any toilet facility would require connections to the sanitary sewer system to meet current Building Code requirements.

Denison Park

The existing pools at Denison Park appeared to be in fair condition with two main drains that were reported by City personnel to be compliant with Virginia Graeme Baker Pool and Spa Safety Act (the drains were not visible during the site visit). There are a few areas around the perimeter deck with cracks in the concrete. The existing concrete at the edge of the pool is uneven and has numerous areas where repairs have been made in the past. Some of the repaired areas are cracked or spalling, while other areas have pushed up creating tripping hazards. During our subsequent visit to the site, the large pool had been partially drained with the shallow end bottom visible. There were two areas that had visibly deteriorated and were in need of repairs. The remainder of the visible pool surfaces appeared to be in good condition. See the attached photos in Appendix B.

The existing wading pool was in good condition with an even concrete deck around the perimeter. There are two main drains that appear to be compliant with the Virginia Graeme Baker Pool and Spa Safety Act. The wading pool has a separate pressure sand filter system and pumps in a mechanical room adjacent to the pool. The system appears to be in good condition and operates sufficiently according to City maintenance personnel. The water treatment for the wading pool is chlorine tablets manually distributed.

The large pool has a dedicated pressure sand filter system in the mechanical room on the east side of the pool's deep end. The existing sand filter system and associated pump was not functioning and in poor condition. Based on our understanding, the City is currently in the process of obtaining bids to replace the filter. Some of the distribution piping had been replaced in the recent past according to City maintenance personnel. New pipe trenches were installed as part of the pipe replacement work for easier access to pipes below grade. The water treatment system for the large pool is a bromine system, which is being replaced with a liquid chlorine injection system as illustrated in the current bid documents. The City also plans to install an overhead door in the mechanical room for better access and ease in equipment maintenance.

The existing buildings with dressing rooms, toilet rooms, and lockers are of a similar construction to Stewart Park, with perimeter concrete masonry block walls vented near the top. The ceiling structure is concrete plank, which appeared to be in good condition, although there were some signs of leaking from the roof. The existing ballasted roof is original to the building and in need of replacement. The existing floors are a mix of tile and concrete floors that are in good condition. Natural ventilation is provided in these spaces through vents in

the block walls. Existing lighting consisted of incandescents, which are past their useful life and in need of replacement.

The plumbing fixtures in the Women's and Men's rooms are older type fixtures, inefficient as compared with new plumbing fixtures, and in need of replacement. They are generally in working condition and appear to be adequate for the facility; however, they do not meet current ADA requirements. The existing shower faucets in both the Men's and Women's Rooms that were originally installed in the masonry walls are no longer usable. These were replaced with surface mounted PVC piping, manual hand valves, and a 90-degree elbow terminated open ended for a nozzle. There is only one lavatory in the Men's Room, with two spaces open where the other lavatories were once installed but have since been damaged and removed. There is no hot water in any of the toilet rooms or showers, which does not meet current Building Code or DOH standards for pools.

The existing concession area, first aid room, and offices appeared to be in good condition with natural ventilation through vents at the top of walls. The existing ballasted roof is original to the building and in need of replacement. The existing floors are in good condition. Interior lighting consisted of T12 type fluorescents and are in need of replacement.

The existing site lighting consisted of perimeter light poles and building mounted HID light fixtures. There are some fixtures that have been damaged or broken with one missing fixture having been replaced with a flood light type bulb. The perimeter light poles appear to be in good condition, although the City may want to consider providing new lightings and/or lamps for better energy efficiency.

Code Survey & Regulatory Review

The existing building facilities and the existing pool and deck areas are required to meet the New York State Uniform Fire Prevention and Building Code, for the period in which they were built. Any upgrades or renovations to the existing building facilities, pools, and deck areas, including the toilet rooms and shower facilities, would be required to meet the 2016 New York State Uniform Fire Prevention and Building Code, which directly references the 2015 International Building Code (IBC) and the 2015 International Plumbing Code (IPC) with supplementary requirements by New York State (2016 Building Code Supplement and Energy Code Supplement). Any upgrades or renovations would also require compliance with the Americans with Disabilities Act (ADA) requirements.

The existing pools and associated support equipment, as well as toilet room facilities, are required to meet the New York State Department of Health (DOH) requirements for swimming pools under Part 6, Title 10 of the New York Codes, Rules and Regulations (NYCRR) as it existed when constructed. Any upgrades and/or replacement of the existing pools and equipment would have to meet the current DOH requirements for swimming pool facilities, the most current of which is dated July 6, 2011. In addition to DOH requirements, all existing and new pools are required to meet the Virginia Graeme Baker Pool and Spa Safety Act for pool drains regardless of when they were constructed. Based on discussions with City staff, it appears that the existing drains at both large pools and the wading pool at both facilities are in compliance with the Virginia Graeme Baker Pool and Spa Safety Act (only the existing drains at the wading pool were visible during our site visits).

Funding Sources

Included in Appendix E is a comprehensive list of recently announced programs under the Governor's 2017 Consolidate Funding Application program (CFA) that may apply to this project. It is recommended the City continue to pursue applicable State and Federal grant programs to implement projects that cannot be advanced under the current City's annual Parks and Recreation budget. The City may also consider programs through the local utility (New York State Electric and Gas) for lighting upgrade programs.

3.0 Pool Facilities Options

The City has requested B&L to evaluate several different options for pool facilities including replacement in kind, replacement with a splash pad, and complete removal of the existing aquatic facilities. Below is a description of each option with associated opinions of probable construction costs, operating costs as compared with existing operating costs, and potential challenges. Overall site plans and color renderings of each option are attached in Appendix C. Opinion of Probable Construction Costs for each option is attached in Appendix D.

3.1 Option 1

The first option would include the complete removal of the Stewart Park Aquatic Facility in its entirety, including associated buildings and infrastructure. The area would be leveled in preparation for the installation of an additional green space or athletic field space.

The Opinion of Probable Construction Cost for this option would be approximately $241,000, and include demolition costs as well as site restoration. Operating costs for this option would be minimal as compared with the cost of operating the current pool facility, as it would only require site maintenance.

3.2 Option 2

The second option would include the complete removal of the Denison Park Aquatic Facility in its entirety, including associated buildings and infrastructure. The area would be leveled in preparation for installation of an additional green space or athletic field space.

The Opinion of Probable Construction Cost for this option would be approximately $270,000, and include demolition costs as well as site restoration. Operating costs for this option would be minimal as compared with the cost of operating the current pool facility, as it would only require site maintenance.

3.3 Option 3

This option replaces the existing Stewart Park Pool with a similar type and size pool, and includes replacement of the deck area and gutter system. A pressure type filter system and water treatment similar to the new system being installed at Denison Park would be used for the new pool. Using a pressure type filter system would eliminate the need of the below grade pit area, so that the new equipment would be installed level with grade for better and safer maintenance access. The potable water main would also be raised level with grade.

The existing below grade infrastructure, including supply and return piping, serving the pool would be removed and replaced. Due to the ground saturation issues around the pool, demolition of the existing pool and installation of a new replacement pool would most likely require extensive dewatering. The new pool would also require a new drainage system around the perimeter to alleviate excess ground water impacting the integrity of the pool walls below grade. The new pool would be designed to meet current DOH requirements. Access to the new pool, fence gates and deck areas would be designed to meet current Building Code and ADA requirements.

The existing toilet rooms, changing areas, office areas, concessions, storage and filter building would remain unchanged, with the exception of replacing the floors in the changing areas and toilet rooms, replacing light fixtures and replacing the roof on all of the buildings. The existing perimeter fencing and the existing site lighting would be replaced.

The existing plumbing fixtures in both the Men's and Women's Rooms would be replaced with new, water saving toilets and wall-mounted lavatories. The area around the existing toilets, lavatories and urinals would be modified to meet current ADA access and requirements. An instantaneous electric hot water heater would be installed at each lavatory to meet Building Code requirements and DOH pool guidelines for hot water. The existing showers would be replaced with a new surface-mounted stainless steel type for multiple shower heads, and a timer controlled electric tank type water heater to provide tempered water meeting current DOH pool guidelines.

The Opinion of Probable Construction Cost for this option would be approximately $1,850,000. The operating costs for this Option would be very similar to the current operating costs projected to be approximately $149,000 in 2018 (for both Denison and Stewart Park), as the use would not change from the existing. The provision of electrically heated hot water would require additional energy, but the installation of high efficiency lighting would offset this cost. The construction cost would include upgrade of the existing concrete pool deck to alleviate issues with cracking and voids, as well as the replacement pool and associated pool equipment and water treatment system. The existing concrete floor in the changing area and toilet rooms would also be replaced to provide a smooth and level floor finish to meet current DOH and ADA standards.

3.4 Option 4

Option 4 would be similar to Option 3 but applied to the Denison Park Facility, without the addition of a new drainage system around the pool perimeter. The existing large pool would be replaced with a similar type. Since the filter

system is currently being replaced, that system would be reused for the new pool. The wading pool, which is in good condition, would remain as is along with the associated filter system and water treatment. The new pool would be designed to meet current DOH requirements, as well as current Building Code and ADA requirements for access.

As included in Option 3, the existing plumbing fixtures in both the Men's and Women's Room would be replaced along with the addition of hot water. The existing showers would also be replaced along with a new hot water system to meet current DOH pool guidelines. The existing floors would remain as is. The existing roof on both buildings would be replaced along with interior light fixtures. The existing perimeter fencing and the existing site lighting would be replaced.

The Opinion of Probable Construction Cost for this option would be somewhat less than Option 3 at approximately $1,580,000, as the existing water treatment and filtration system would be reused. The operating costs for this Option would be very similar to the current operating costs projected to be approximately $149,000 in 2018 (for both Denison and Stewart Park), as the use would not change from the existing. The provision of electrically heated hot water would require additional energy, but the installation of high efficiency lighting would offset this cost. The construction cost would include upgrade of the existing concrete deck to alleviate issues with cracking and voids, as well as the replacement pool with associated pool equipment and water treatment system.

3.5 Option 5

In this option, the existing Stewart Park pool would be completely replaced with a new Splash Park facility. The existing pool would be removed and the area filled in. The Splash Park would be installed in the same location and incorporate a natural theme with animal and plant features, and ground sprays on a concrete pad, as shown in the preliminary plan developed by Vortex attached in Appendix C. The splash pad features would operate on either a continuous, constant flow pattern, or intermittently when activated by the packaged programmable control system provided by the splash pad manufacturer, and housed in the existing mechanical building adjacent to the splash pad.

The splash pad system would be designed as a once-through type water flow where potable water is distributed below grade and up to each of the splash pad features. A once-through type system does not impound (store) water or recirculate water draining from the splash pad. During use, the water supply is drawn from the "potable" municipal water system using existing water system

pressure, dispensed through the splash pad features, and drained to sanitary through the main splash pad drains. Because no water is impounded or recirculated, the DOH Recreational Aquatic Spray Grounds regulations do not apply to this application.

The water flow to each feature is controlled through a series of solenoid valves that would be located inside the mechanical building adjacent to the new splash pad. The control system can be programmed to automatically energize the splash pad features on a time of day and day of the week basis. This feature provides for unsupervised system operation without the need for an operator present on site. There are also devices located on the splash pad (located on a post or at ground level) that activate the splash pad features to prevent water flow when there are no participants (such as during a rain storm) on the splash pad. Therefore, the system can be enabled remotely through the splash pad control system to operate only during set times of day, with no actual water flow through the features until a device is activated by a participant.

The programmable control system also enables various sequencing of the solenoid valves such that each feature is activated at different times for a specified duration (usually 4 minutes). As the features alternate on and off, participants naturally move between operating features. This prevents small groups of participants congregating around a single feature for long periods of time preventing other participants from enjoying the same feature.

Each of the features are installed at grade with no elevated platforms and located on a flat concrete pad, which provides for a safe environment for kids with little risk for injuries. Therefore, the splash pad can be operated remotely with little to no oversight by City personnel during hours of operation that would limit operational costs associated with this option.

The concrete pad would be sloped to one or two main drains in the center of the splash pad. The collected water drains out to a control manhole that incorporates a debris trap and rain diverting valve. The control manhole would have one inlet pipe from the splash pad drain(s), and two pipe outlets. One outlet would be directed to the existing sanitary sewer line, and the other outlet would be directed to the existing storm sewer line adjacent to the site. The storm sewer outlet within the control manhole would be located above the sanitary sewer outlet.

The rain diverting valve located in the control manhole is an electrically actuated valve that would be powered and controlled to open and close the sanitary sewer outlet based on the operation of the splash pad. When the splash pad is energized and in use, the valve would be normally open to the sanitary

sewer. When the splash pad is not operating, the valve would be closed and divert flow to the storm sewer main.

The existing toilet room facilities, changing areas, concessions, first aid room, and office space would be modified as described in Option 3. The existing pool mechanical room building would be left in place and the lower pit area filled in, using a portion of the space for the splash pad valves and controls, and leaving the remaining area for storage. The existing perimeter fencing and the existing site lighting would be replaced.

The Opinion of Probable Construction Cost for this option would be approximately $1,045,000, and include demolition costs as well as site restoration. Operating costs for this option would be minimal as compared with the cost of operating the current pool facility projected to be approximately $149,000 in 2018 (for both Denison and Stewart Park). There is no need for life guards or water treatment chemicals or pool equipment with this option, and only minimal equipment maintenance. The operating costs would be approximately $32,000 plus the cost of water estimated to be approximately $9,000 annually or about 28% of the total 2018 operating budget for both pool facilities.

3.6 Option 6

Option 6 is similar to Option 5. The existing Denison Park swimming pool and wading pool would be removed in their entirety, and two new splash pads would be installed. This Option would also include a new Lap Pool. One splash pad would be designed specifically for toddlers and family in the same location as the existing wading pool. The second splash pad would be designed for older children and teens, and located on a portion of the area now occupied by the existing large swimming pool. A rendering of the proposed Lap Pool and Splash Pads is attached in Appendix C.

The new Lap Pool would be approximately 75 feet long by 40 feet wide for a total of 3,000 square feet of surface area. The depth of water in the pool would be 3' in the shallow end and 5' in the deep end, with two sets of recessed steps in the shallow end and two ladders in the deep end. The 3-foot depth would allow the City to conduct swimming lessons on one end of the pool. The 40 feet width would accommodate four to five swimming lanes. The City is currently installing a new water treatment system, and filter and pump system for the existing pool, which would be reused for the new pool with some modifications. The Lap Pool would incorporate a gutter system around the perimeter sized for 100% of the circulation rate and to accommodate surge capacity. The ADA requirements for pool entry would be accomplished using the existing portable lift

system. The Lap Pool area would be fenced with two gates in order to prevent free access between the splash pad area and pool.

The toddler and family area splash pad would be located in the same location as the wading pool with the water main and solenoid valves located within the existing wading pool mechanical room. The splash pad would be comprised of soft ground sprays and above-grade features using a sea creature theme.

The second splash pad designed for older children and teens would be located between the toddler area splash pad and the new Lap Pool. The splash pad theme would incorporate ocean type features, spray jets and ground sprays. The controls system and solenoid valves would be located in the mechanical room housing the Lap Pool equipment.

The controls system, drains, water supply, and concrete pad design would be the same as in Option 5. The existing water supply main line would be reused for the new splash pad and a new control manhole with rain diverting valve would be provided for each splash pad. The existing toilet room facilities, changing areas, concessions, office space, and mechanical rooms would be modified as described in Option 4.

The Opinion of Probable Construction Cost for this option would be approximately $1,700,000, and include one new lap pool as well as two splash pad areas. Operating costs for this option would be approximately the same as compared with the cost of operating the current pool facility projected to be approximately $149,000 in 2018 (for both Denison and Stewart Park), with the elimination of the two pools and the operational costs of the two splash pad and lap pool instead. The number of life guards would be reduced along with required maintenance and equipment, however the cost of water would offset that savings. The operating costs would be approximately $65,000 plus the cost of water estimated to be approximately $9,000 annually, which would be about half the total 2018 operating budget for both pool facilities.

4.0 Pool Facilities Recommendation

Based on the installation and operating costs of a replacement pool as compared with a new splash pad, it would be recommended that the City proceed with Options 5 and 6 if funding is available. The splash pads are less maintenance intensive than a pool, can operate with little to no oversight using remote controls, and historically have little to no injuries associated with them. The lap pool in Option 6 would allow the City to maintain summer swimming lessons at one of the facilities, as well as the availability for lap swimming more popular with older adults. Because the Denison Pool filter and water treatment system are currently being replaced, the cost of the new lap pool would be reduced by reusing the newer equipment.

Appendix A

Stewart Park Photos

CITY OF CORNING POOL FACILITY REPORT
STEWART PARK POOL

PHOTO VIEW: 1 - Overall Pool Photo
COMMENTS: Overall condition

PHOTO VIEW: 2 - South side wall of Shallow End
COMMENTS: Concrete cracks and spalling on south side wall of shallow end near stairs

CITY OF CORNING POOL FACILITY REPORT
STEWART PARK POOL

PHOTO VIEW: 3 - South wall in Shallow End
COMMENTS: Concrete cracks and spalling on south side wall of shallow end.

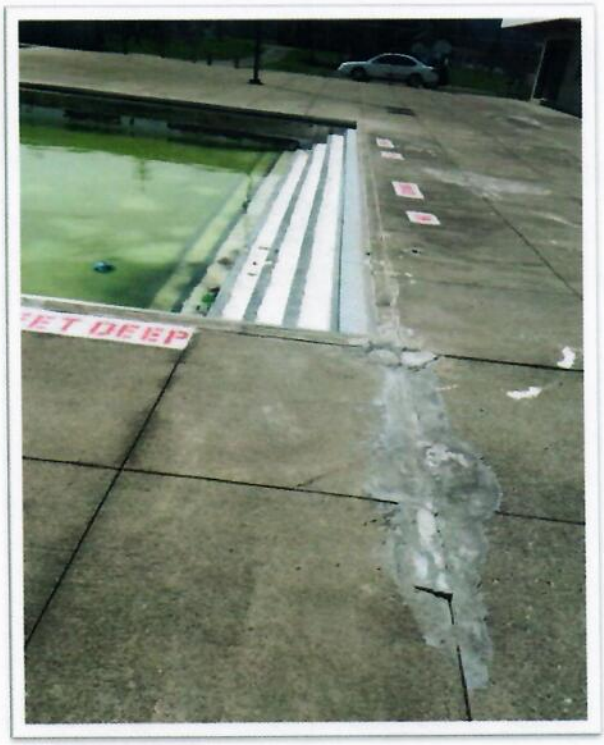


PHOTO VIEW: 4 - West end of Shallow End at Stairs
COMMENTS: Concrete Deck uneven, cracked and spalling

CITY OF CORNING POOL FACILITY REPORT
STEWART PARK POOL

PHOTO VIEW: **5 - Pool Edge South side on Shallow End**
COMMENTS: Concrete heaved and cracked

PHOTO VIEW: **6 - Pool Gutter at South Side of Shallow End**
COMMENTS: Gutter uneven and pushed up

CITY OF CORNING POOL FACILITY REPORT
STEWART PARK POOL

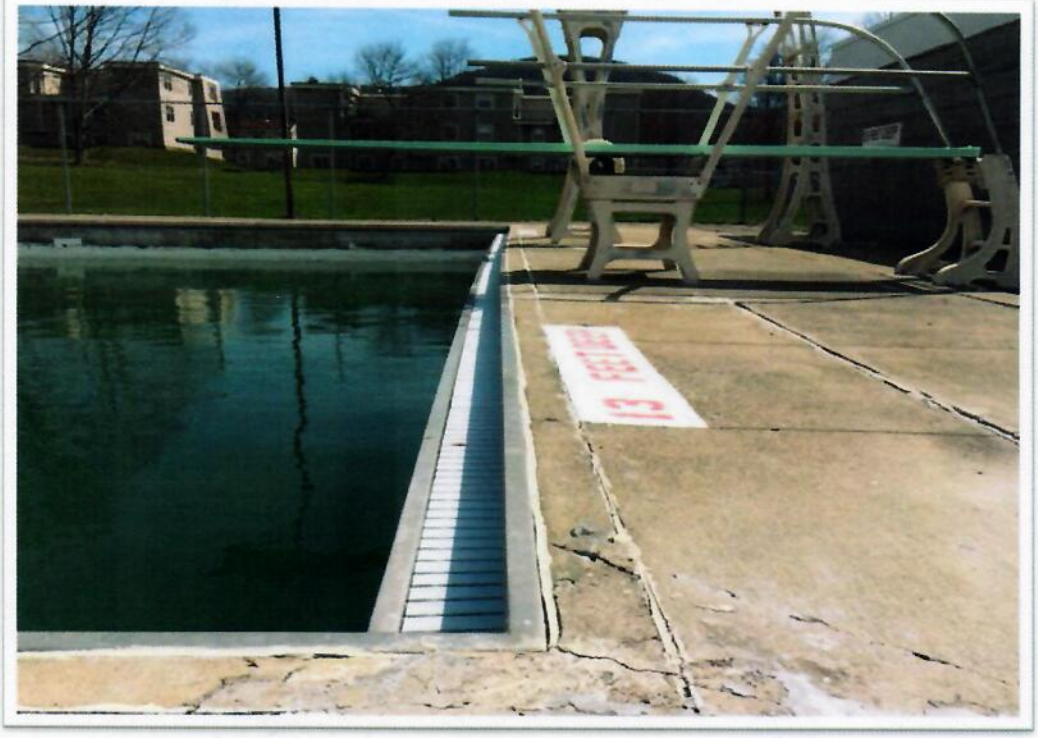


PHOTO VIEW: 7 - Pool South Wall of Deep End
COMMENTS: South wall bowed out and uneven

PHOTO VIEW: 8 - Pool Deck Area
COMMENTS: Concrete deck uneven, cracked and spalling

PHOTO VIEW: 9 - Pool Filtration Equipment
COMMENTS: Pool Filtration Equipment and Pit Area

PHOTO VIEW: 10 - Pool Deck Area
COMMENTS: Existing Electrical Panel in Filtration/Water Treatment Area

PHOTO VIEW: 11 - Dressing Room Floors
COMMENTS: Concrete Floors Uneven

PHOTO VIEW: 12 - Toilet Room Area
COMMENTS: Toilet Room Floors uneven, cracked and deteriorated

PHOTO VIEW: **13 - Dressing/Toilet Room Lights**
COMMENTS: Existing T12 lighting in toilet rooms and dressing areas

PHOTO VIEW: **14 - Toilet Rooms Toilet Fixture**
COMMENTS: Typical Toilet Fixture

Appendix B

Denison Park Photos

CITY OF CORNING POOL FACILITY REPORT
DENISON PARK POOL

PHOTO VIEW: 1 - Overall Pool Photo
COMMENTS: Overall condition

PHOTO VIEW: 2 - East side wall of Deep End
COMMENTS: Concrete cracks and spalling on east side wall of deep end

PHOTO VIEW: 3 - West wall in Deep End
COMMENTS: Concrete cracks and heaving on west side wall of deep end.

PHOTO VIEW: 4 - South wall of Deep End
COMMENTS: Concrete Wall uneven, cracked and spalling

PHOTO VIEW: 5 - Pool botton at shallow end
COMMENTS: Areas of concrete spalling on bottom of shallow end

PHOTO VIEW: 6 - Pool Deck Area
COMMENTS: Concrete on deck area cracked and spalling in some areas

PHOTO VIEW: 7 - Kiddie Pool
COMMENTS: Overall condition of Kiddie Pool

PHOTO VIEW: 8 - Kiddie Pool Filtration System
COMMENTS: Overall condition of filtration system

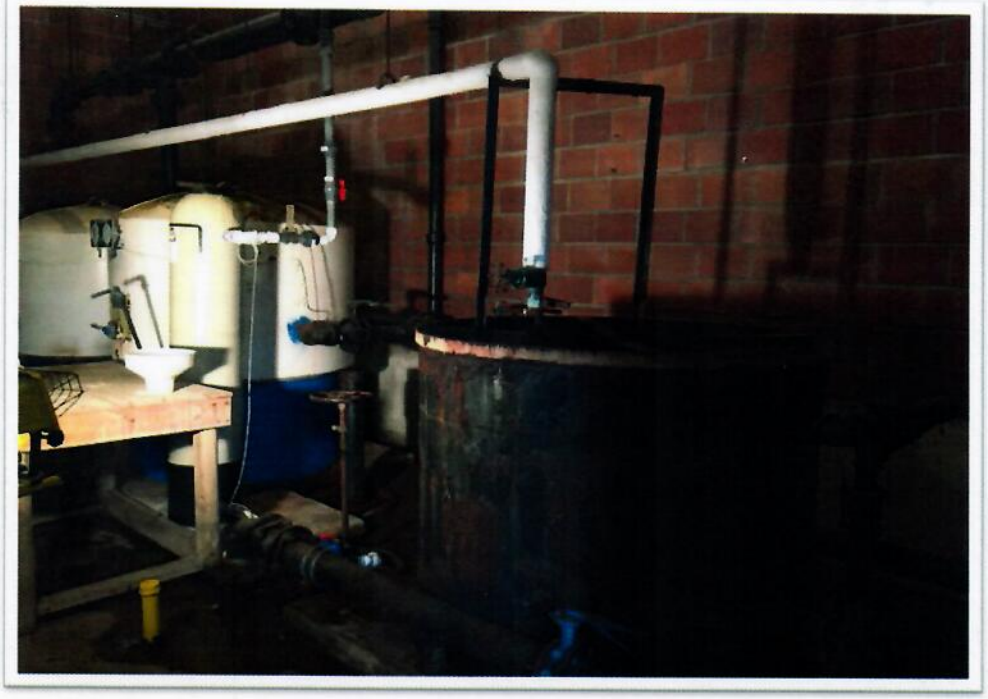


PHOTO VIEW: **9 - Pool Filtration Equipment**
COMMENTS: Pool Filtration Equipment and Pit Area

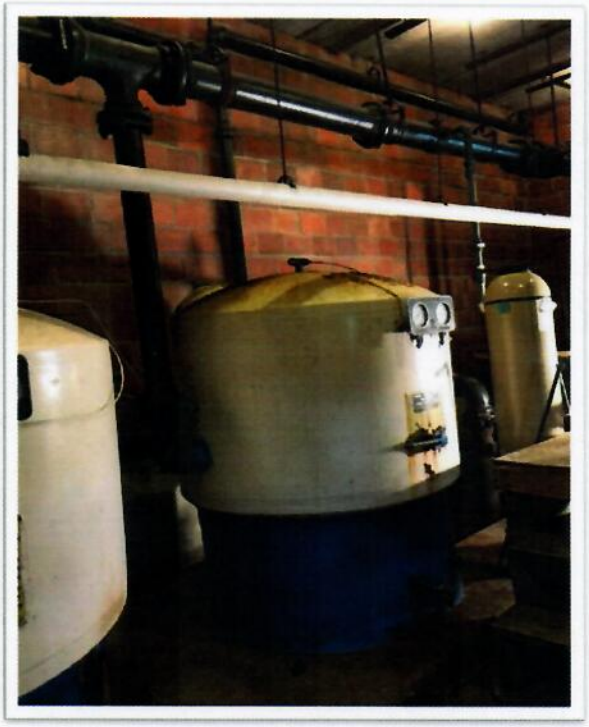


PHOTO VIEW: **10 - Pool Filtration Equipment**
COMMENTS: Pool Filtration and Water Treatment

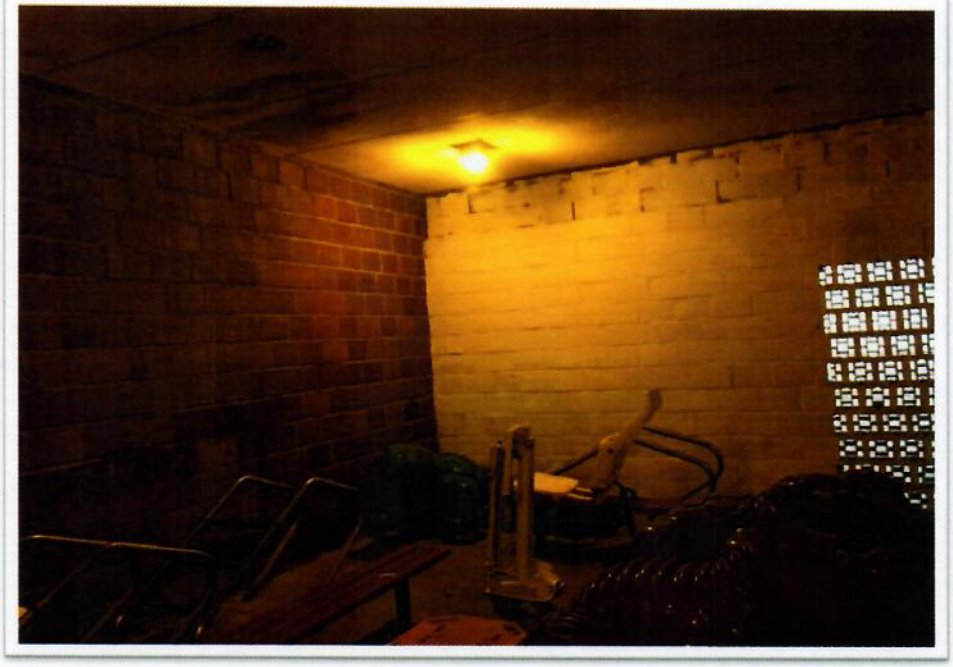


PHOTO VIEW: 11 - Dressing Room Ceilings
COMMENTS: Signs of leaking

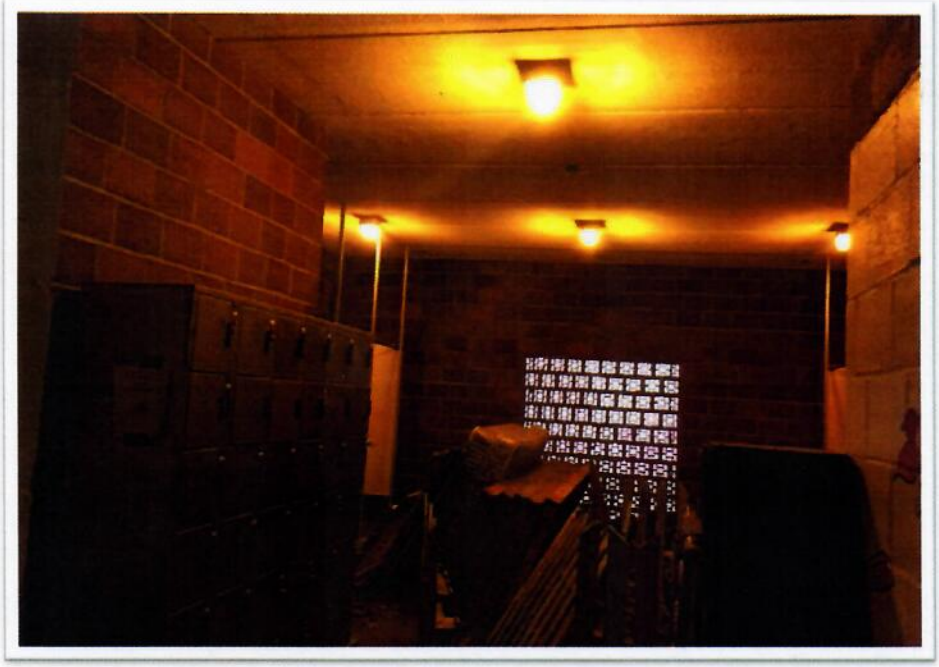


PHOTO VIEW: 12 - Dressing Room/Toilet Room Lighting
COMMENTS: Existing lighting in dressing rooms

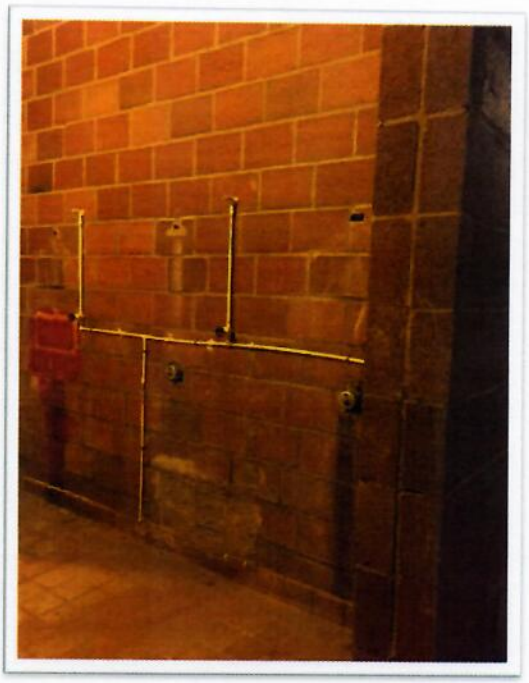


PHOTO VIEW: **13 - Showers**
COMMENTS: Showers in dressing/toilet rooms

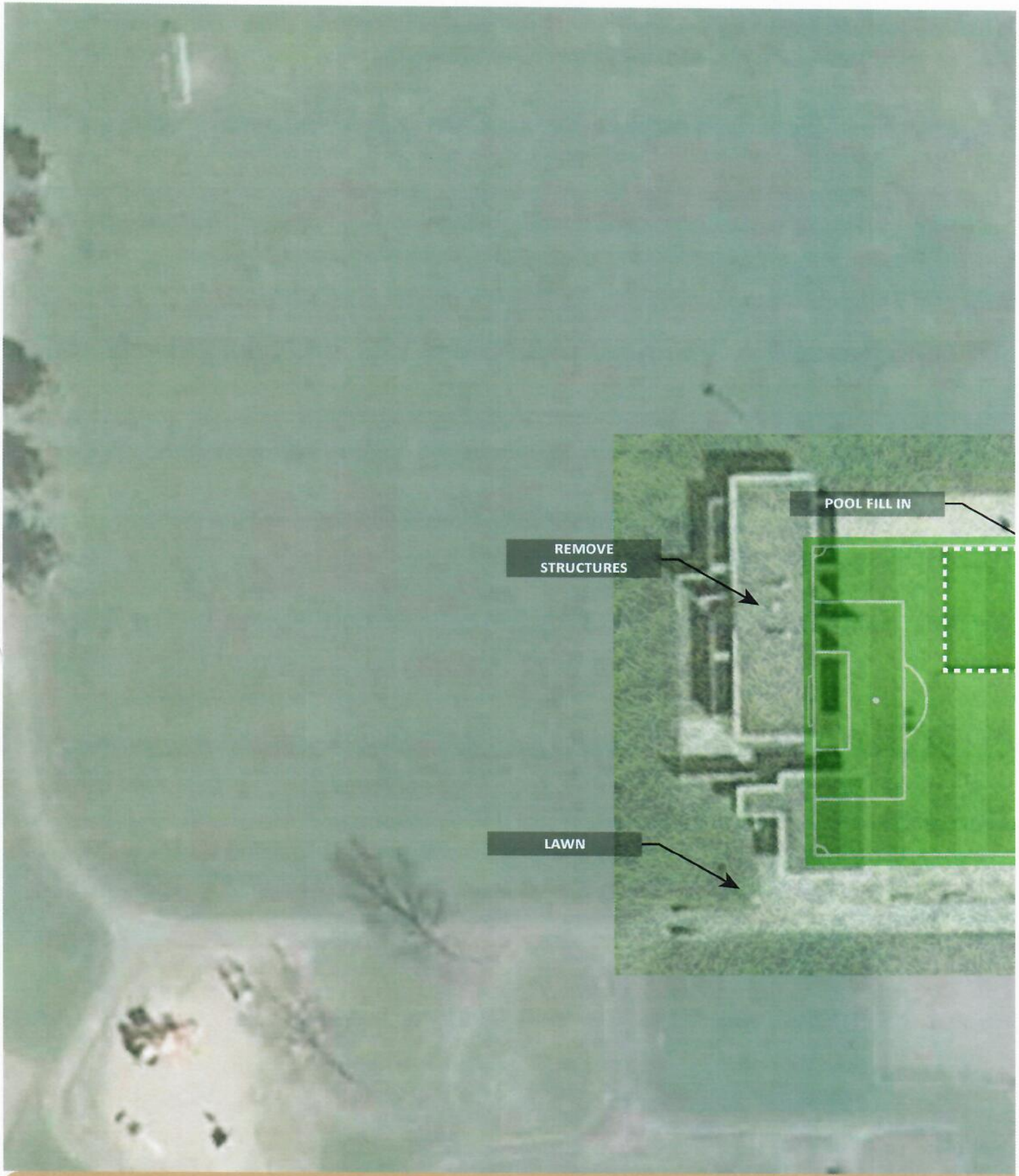
PHOTO VIEW: **14 - Toilet Rooms Toilet Fixture**
COMMENTS: Typical Toilet Fixture

PHOTO VIEW: 15 - Site Lighting
COMMENTS: Site Lighting on poles

PHOTO VIEW: 16 - Site Lighting
COMMENTS: Site lighting on exterior walls - damaged

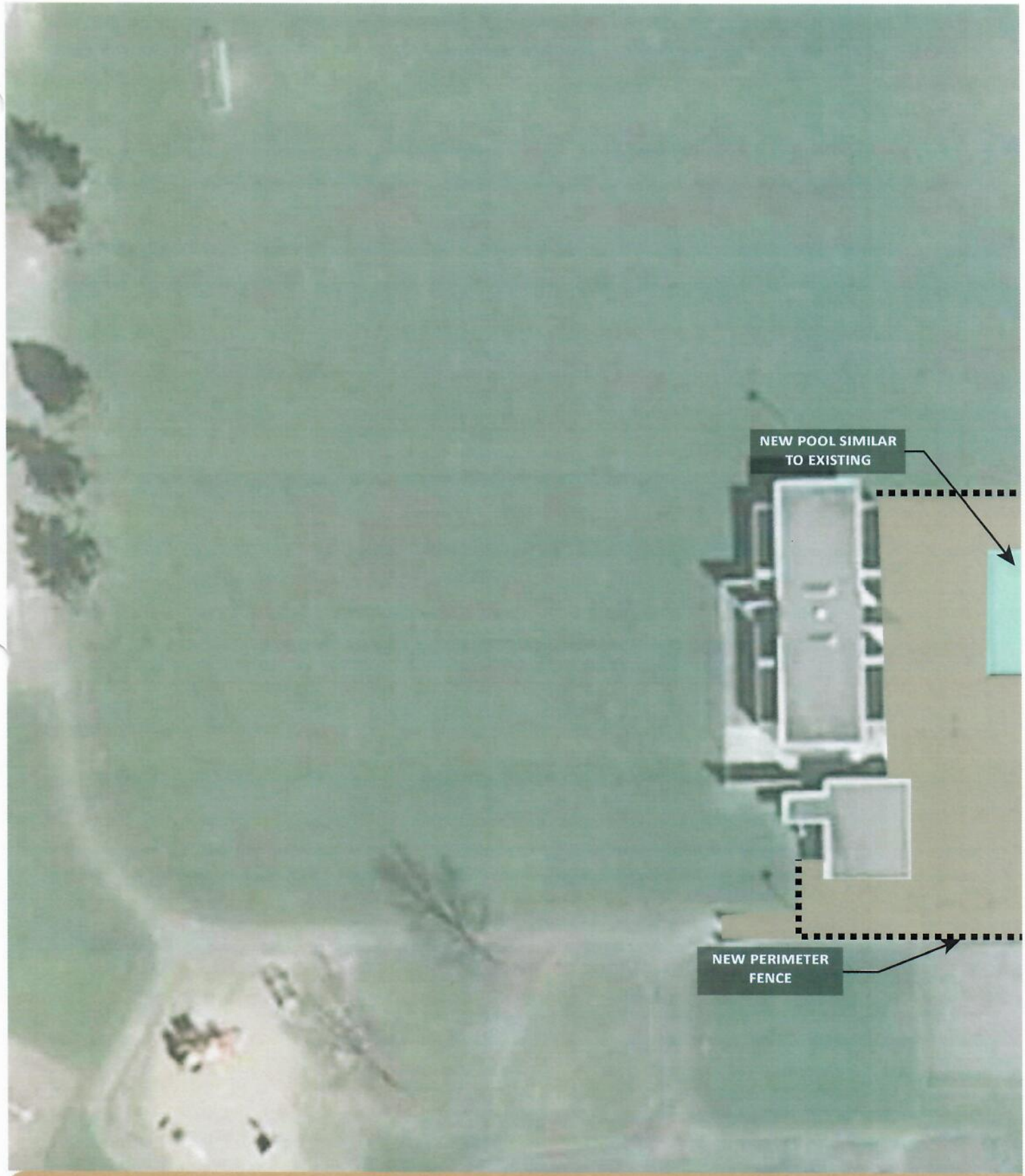
Appendix C

Site Plans



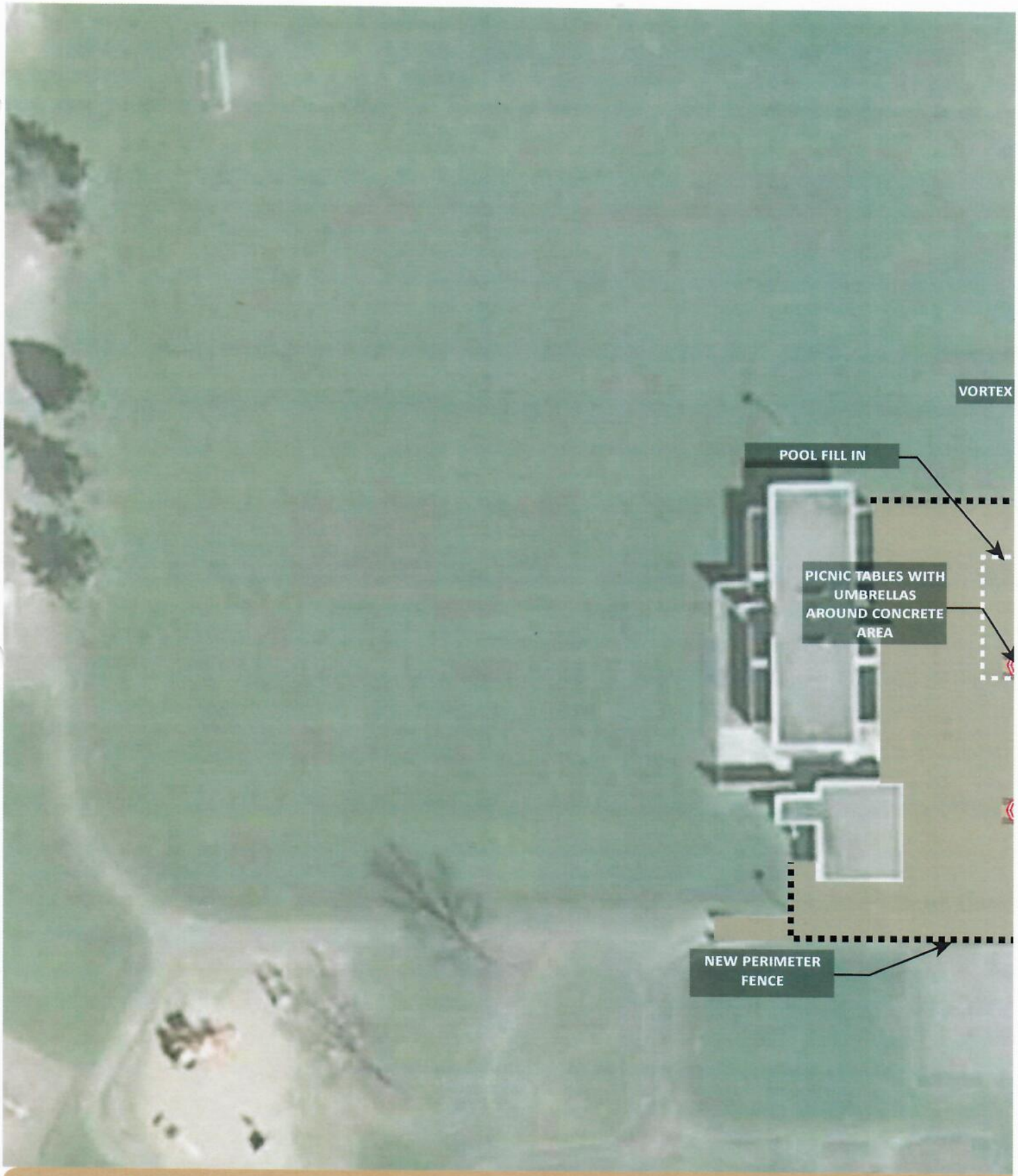
STEWART SOCCER PARK
City of Corning, Chemung County, New York
FIGURE 1
June 2017

DENISON SOCCER PARK
City of Corning, Chemung County, New York
FIGURE 2
June 2017

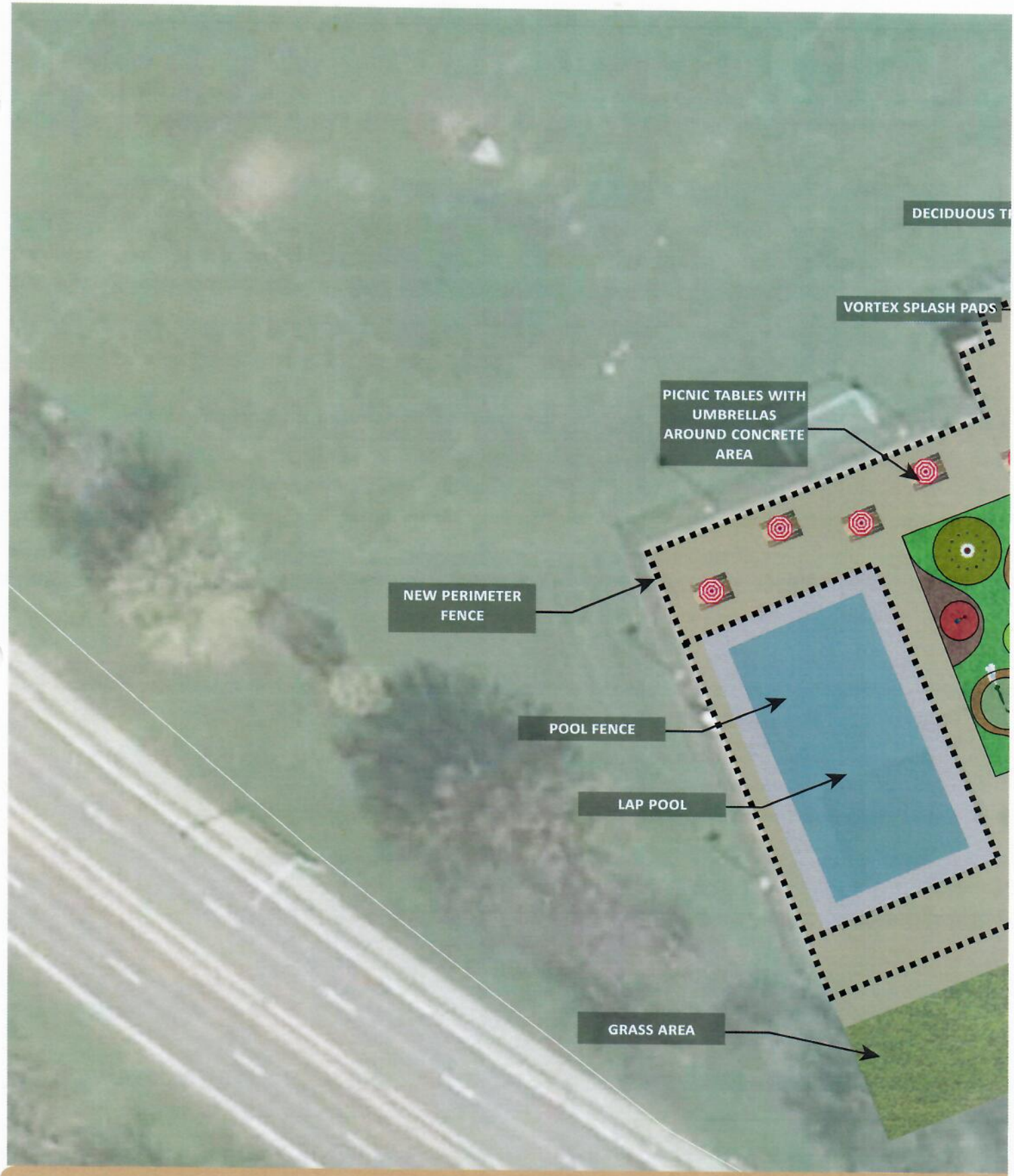


STEWART PARK
City of Corning, Chemung County, New York
FIGURE 3
June 2017

DENISON PARK
City of Corning, Chemung County, New York
FIGURE 4
June 2017



STEWART SPLASH PARK
City of Corning, Chemung County, New York
FIGURE 5
June 2017



DENISON SPLASH PARK
City of Corning, Chemung County, New York
FIGURE 6
June 2017

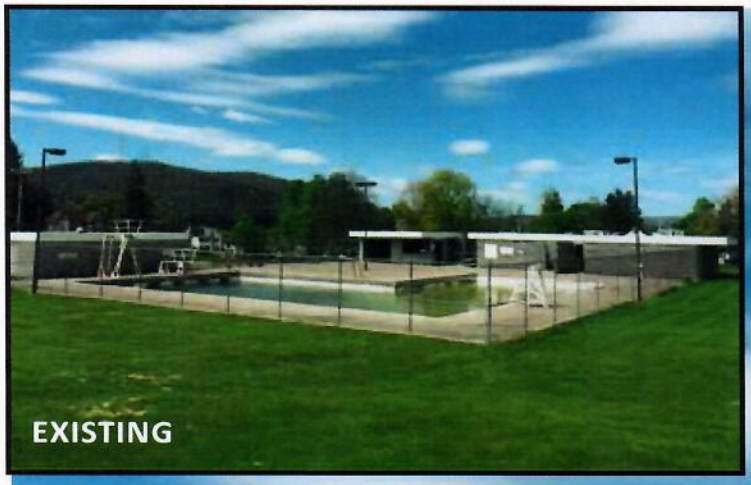
20' 0

STEWART SOCCER PARK
City of Corning, Chemung County, New York
FIGURE 7
June 2017

DENISON SOCCER PARK
City of Corning, Chemung County, New York
FIGURE 8
June 2017

STEWART PARK
City of Corning, Chemung County, New York
FIGURE 9
June 2017

DENISON PARK
City of Corning, Chemung County, New York
FIGURE 10
June 2017



STEWART SPLASH PARK
City of Corning, Chemung County, New York
FIGURE 11
June 2017

DENISON SPLASH PARK
City of Corning, Chemung County, New York
FIGURE 12
June 2017

Appendix D

Opinion of Probable Construction Costs

BARTON & LOGUIDICE, D.P.C.
CONSTRUCTION COST ESTIMATE

PROJECT TITLE:
City of Corning
Municipal Aquatic Facilities Evaluation
LOCATION:
Corning, New York

B&L JOB NO.: 1946.001.001
DATE PREPARED: June 5, 2017
ESTIMATED BY: SLW
PHASE: *Concept*

OPTION 1 - FACILITY REMOVAL - STEWART PARK

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONSTRUCTION					
1.	Demo Bldg-Restrooms/Store/Concessions/Office	1	LS	$25,000.00	$25,000.00
2.	Demo Concrete Deck and Walks	1	LS	$15,000.00	$15,000.00
3.	Demo Perimeter Fencing	1	LS	$3,000.00	$3,000.00
4.	Demo Pool Walls/Bottom	1	LS	$20,000.00	$20,000.00
5.	Demo Pool Gutters	1	LS	$2,500.00	$2,500.00
6.	Demo Pool Concrete Stairs (along one end-32')	1	LS	$3,000.00	$3,000.00
7.	Demo Below Grade Water Supply/Sanitary	1	LS	$10,000.00	$10,000.00
8.	Hauling and Dump	1	LS	$15,000.00	$15,000.00
9.	Removal of Exist. Plbg Fixtures/Lighting	1	LS	$5,000.00	$5,000.00
10.	Removal of Pool Filtration/Chlorination Equip.	1	LS	$10,000.00	$10,000.00
11.	Backfill and Compaction (granular fill)	1	LS	$35,500.00	$35,500.00
12.	Grading	1	LS	$5,000.00	$5,000.00
13.	Topsoil/Seed Sodding	1	LS	$12,000.00	$12,000.00
14.	Eletrical Demolition	1	LS	$5,000.00	$5,000.00
	CONSTRUCTION SUBTOTAL				**$166,000.00**
	CONTRACTOR'S OVERHEAD	10%			$16,600.00
					$182,600.00
	CONTRACTOR'S PROFIT	10%			$16,600.00
					$199,200.00
	CONTINGENCY	25%			$41,500.00
					$240,700.00
ESTIMATED TOTAL CONSTRUCTION COST					**$241,000.00**

BARTON & LOGUIDICE, D.P.C.
CONSTRUCTION COST ESTIMATE

PROJECT TITLE:
City of Corning
Municipal Aquatic Facilities Evaluation
LOCATION:
Corning, New York

B&L JOB NO.: 1946.001.001
DATE PREPARED: June 5, 2017
ESTIMATED BY: SLW
PHASE: *Concept*

OPTION 2 - FACILITY REMOVAL - DENISON PARK

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONSTRUCTION					
1.	Demo Bldg-Restrooms/Store/Concessions/Office	1	LS	$25,000.00	$25,000.00
2.	Demo Concrete Deck and Walks	1	LS	$18,400.00	$18,400.00
3.	Demo Perimeter Fencing	1	LS	$3,000.00	$3,000.00
4.	Demo Pool Walls/Bottom	1	LS	$20,000.00	$20,000.00
5.	Demo Pool Skimmer System	1	LS	$2,500.00	$2,500.00
6.	Demo Pool Concrete Stairs (at both corners)	1	LS	$3,000.00	$3,000.00
7.	Demo Wading Pool	1	LS	$3,500.00	$3,500.00
8.	Demo Below Grade Water Supply/Sanitary	1	LS	$10,000.00	$10,000.00
9.	Hauling and Dump	1	LS	$15,000.00	$15,000.00
10.	Removal of Exist. Plbg Fixtures/Lighting	1	LS	$5,000.00	$5,000.00
11.	Removal of Pool Filtration/Chlorination Equip.	1	LS	$15,000.00	$15,000.00
12.	Backfill and Compaction (granular fill)	1	LS	$37,000.00	$37,000.00
13.	Grading	1	LS	$6,000.00	$6,000.00
14.	Topsoil/Seed Sodding	1	LS	$15,000.00	$15,000.00
15.	Eletrical Demolition	1	LS	$7,500.00	$7,500.00

CONSTRUCTION SUBTOTAL		**$185,900.00**
CONTRACTOR'S OVERHEAD	10%	$18,590.00
		$204,490.00
CONTRACTOR'S PROFIT	10%	$18,590.00
		$223,080.00
CONTINGENCY	25%	$46,475.00
		$269,555.00
ESTIMATED TOTAL CONSTRUCTION COST		**$270,000.00**

BARTON & LOGUIDICE, D.P.C.
CONSTRUCTION COST ESTIMATE

PROJECT TITLE:
City of Corning
Municipal Aquatic Facilities Evaluation
LOCATION:
Corning, New York

B&L JOB NO.: 1946.001.001
DATE PREPARED: June 5, 2017
ESTIMATED BY: SLW
PHASE: *Concept*

OPTION 3 - POOL REPLACEMENT - STEWART PARK

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONSTRUCTION					
1.	Demo Concrete Deck	1	LS	$15,000.00	$15,000.00
2.	Demo Conc. Fl in Toilet Rm/Changing Bldg	1	LS	$4,000.00	$4,000.00
3.	Demo Existing Bldg Roofs	1	LS	$5,000.00	$5,000.00
4.	Demo Plumbing Fixtures/Lighting	1	LS	$1,000.00	$1,000.00
5.	Demo Perimeter Fencing	1	LS	$3,000.00	$3,000.00
6.	Demo Pool Walls/Bottom	1	LS	$20,000.00	$20,000.00
7.	Demo Pool Gutters	1	LS	$2,500.00	$2,500.00
8.	Demo Pool Concrete Stairs (along one end-32')	1	LS	$3,000.00	$3,000.00
9.	Demo Below Grade Water Supply/Sanitary	1	LS	$10,000.00	$10,000.00
10.	Electrical Demolition	1	LS	$5,000.00	$5,000.00
11.	Hauling and Dump	1	LS	$10,000.00	$10,000.00
12.	Removal of Pool Filtration/Chlorination Equip.	1	LS	$15,000.00	$15,000.00
13.	New Concrete Floors in Bldgs	1	LS	$22,000.00	$22,000.00
14.	New Roof for all 3 buildings	1	LS	$106,000.00	$106,000.00
15.	New Plumbing Fixtures (including rough-in)	1	LS	$25,000.00	$25,000.00
16.	Domestic Hot Water Heater & Instanteous units	1	LS	$18,600.00	$18,600.00
17.	Infill Pit in Pool Mechanical Bldg & Raise Utilities	1	LS	$10,000.00	$10,000.00
18.	New Pool w/Filter&Water Treat/Deck Equip.	1	LS	$554,500.00	$554,500.00
19.	Pool Painting	1	LS	$22,000.00	$22,000.00
20.	New Concrete Decks	1	LS	$102,000.00	$102,000.00
21.	New Stainless Steel Gutter System in pool	1	LS	$109,500.00	$109,500.00
22.	New Diving Board Stands (2), Ladder, LG Stands	1	LS	$50,900.00	$50,900.00
23.	ADA portable lift	1	LS	$8,000.00	$8,000.00
24.	Below grade Water Supply & Sanitary Piping	1	LS	$30,000.00	$30,000.00
25.	New Electrical for Pool Equipment	1	LS	$35,000.00	$35,000.00
26.	New Site Lighting (Poles/fixtures/concrete base)	1	LS	$18,000.00	$18,000.00
27.	New Interior Light Fixtures	1	LS	$12,000.00	$12,000.00
28.	New Fencing with Gates	1	LS	$20,000.00	$20,000.00
29.	Dewatering site (one week)	1	LS	$5,000.00	$5,000.00
30.	Perimeter drainage system pool/deck area	1	LS	$35,000.00	$35,000.00

CONSTRUCTION SUBTOTAL		**$1,277,000.00**
CONTRACTOR'S OVERHEAD	10%	$127,700.00
		$1,404,700.00
CONTRACTOR'S PROFIT	10%	$127,700.00
		$1,532,400.00
CONTINGENCY	25%	$319,250.00
		$1,851,650.00
ESTIMATED TOTAL CONSTRUCTION COST		**$1,852,000.00**

BARTON & LOGUIDICE, D.P.C.
CONSTRUCTION COST ESTIMATE

PROJECT TITLE:
City of Corning
Municipal Aquatic Facilities Evaluation
LOCATION:
Corning, New York

B&L JOB NO.: 1946.001.001
DATE PREPARED: June 5, 2017
ESTIMATED BY: SLW
PHASE: *Concept*

OPTION 4 - POOL REPLACEMENT - DENISON PARK

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONSTRUCTION					
1.	Demo Concrete Deck	1	LS	$30,650.00	$30,650.00
2.	Demo Perimeter Fencing	1	LS	$3,000.00	$3,000.00
3.	Demo Pool Walls/Bottom	1	LS	$26,600.00	$26,600.00
4.	Demo Pool Concrete Stairs (at both corners)	1	LS	$3,000.00	$3,000.00
5.	Demo Below Grade Water Supply/Sanitary	1	LS	$10,000.00	$10,000.00
6.	Demo Existing Bldg Roofs	1	LS	$5,000.00	$5,000.00
7.	Demo Plumbing Fixtures/Lighting	1	LS	$1,000.00	$1,000.00
8.	Hauling and Dump	1	LS	$10,000.00	$10,000.00
9.	Electrical Demolition	1	LS	$5,000.00	$5,000.00
10.	New Plumbing Fixtures (including rough-in)	1	LS	$25,000.00	$25,000.00
11.	Domestic Hot Water Heater & Instanteous units	1	LS	$18,600.00	$18,600.00
12.	New Roof for all buildings	1	LS	$88,450.00	$88,450.00
13.	New Pool (reuse newer filter&Water Treat Equip.)	1	LS	$455,500.00	$455,500.00
14.	Pool Painting	1	LS	$22,000.00	$22,000.00
15.	New Concrete Decks	1	LS	$102,000.00	$102,000.00
16.	New Stainless Steel Gutter System in pool	1	LS	$109,500.00	$109,500.00
17.	New Diving Board Stand (1), Ladder, LG Stands	1	LS	$30,200.00	$30,200.00
18.	ADA portable lift	1	LS	$8,000.00	$8,000.00
19.	Below grade Water Supply & Sanitary Piping	1	LS	$30,000.00	$30,000.00
20.	New Electrical for Pool Equipment	1	LS	$45,000.00	$45,000.00
21.	New Interior Light Fixtures	1	LS	$12,000.00	$12,000.00
22.	New Site Lighting (Poles/fixtures/concrete base)	1	LS	$27,000.00	$27,000.00
23.	New Fencing with Gates	1	LS	$20,000.00	$20,000.00
	CONSTRUCTION SUBTOTAL				**$1,087,500.00**
	CONTRACTOR'S OVERHEAD	10%			$108,750.00
					$1,196,250.00
	CONTRACTOR'S PROFIT	10%			$108,750.00
					$1,305,000.00
	CONTINGENCY	25%			$271,875.00
					$1,576,875.00
ESTIMATED TOTAL CONSTRUCTION COST					**$1,577,000.00**

BARTON & LOGUIDICE, D.P.C.
CONSTRUCTION COST ESTIMATE

PROJECT TITLE:
City of Corning
Municipal Aquatic Facilities Evaluation
LOCATION:
Corning, New York

OPTION 5 - SPRAY PARK - STEWART PARK

B&L JOB NO.: 1946.001.001
DATE PREPARED: June 5, 2017
ESTIMATED BY: SLW
PHASE: ***Concept***

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONSTRUCTION					
1.	Demo Concrete Deck	1	LS	$15,000.00	$15,000.00
2.	Demo Conc. Fl in Toilet Rm/Changing Bldg	1	LS	$4,000.00	$4,000.00
3.	Demo Existing Bldg Roofs	1	LS	$5,000.00	$5,000.00
4.	Demo Plumbing Fixtures/Lighting	1	LS	$1,000.00	$1,000.00
5.	Demo Perimeter Fencing	1	LS	$3,000.00	$3,000.00
6.	Demo Pool Walls/Bottom	1	LS	$20,000.00	$20,000.00
7.	Demo Pool Gutters	1	LS	$2,500.00	$2,500.00
8.	Demo Pool Concrete Stairs (along one end-32')	1	LS	$3,000.00	$3,000.00
9.	Demo Below Grade Water Supply/Sanitary	1	LS	$10,000.00	$10,000.00
10.	Electrical Demolition	1	LS	$5,000.00	$5,000.00
11.	Hauling and Dump	1	LS	$3,500.00	$10,000.00
12.	Removal of Pool Filtration/Chlorination Equip.	1	LS	$15,000.00	$15,000.00
13.	New Concrete Floors in Bldgs	1	LS	$22,000.00	$22,000.00
14.	New Roof for all 3 buildings	1	LS	$106,000.00	$106,000.00
15.	New Plumbing Fixtures (including rough-in)	1	LS	$25,000.00	$25,000.00
16.	Domestic Hot Water Heater & Instanteous units	1	LS	$18,600.00	$18,600.00
17.	Infill Pit in Pool Mechanical Bldg & Raise Utilities	1	LS	$10,000.00	$10,000.00
18.	New Concrete Splash Pad Slab	1	LS	$27,650.00	$27,650.00
19.	New Splash Pad Features/Controls/Valves	1	LS	$150,000.00	$150,000.00
20.	New Below Grade Water to Features	1	LS	$15,000.00	$15,000.00
21.	New Below Grade Water Supply & Sanitary Mains	1	LS	$35,000.00	$35,000.00
22.	New Electrical to Pad & Equipment	1	LS	$25,000.00	$25,000.00
23.	New Interior Light Fixtures	1	LS	$12,000.00	$12,000.00
24.	New Concrete Deck	1	LS	$102,000.00	$102,000.00
25.	New Site Lighting (Poles/fixtures/concrete base)	1	LS	$18,000.00	$18,000.00
26.	New Fencing with Gates	1	LS	$20,000.00	$20,000.00
27.	Dewatering site (one week)	1	LS	$5,000.00	$5,000.00
28.	Perimeter drainage system pool/deck area	1	LS	$35,000.00	$35,000.00

CONSTRUCTION SUBTOTAL		**$719,750.00**
CONTRACTOR'S OVERHEAD	10%	$71,975.00
		$791,725.00
CONTRACTOR'S PROFIT	10%	$71,975.00
		$863,700.00
CONTINGENCY	25%	$179,938.00
		$1,043,638.00
ESTIMATED TOTAL CONSTRUCTION COST		**$1,044,000.00**

BARTON & LOGUIDICE, D.P.C.
CONSTRUCTION COST ESTIMATE

PROJECT TITLE:
City of Corning
Municipal Aquatic Facilities Evaluation
LOCATION:
Corning, New York

B&L JOB NO.: 1946.001.001
DATE PREPARED: June 5, 2017
ESTIMATED BY: SLW

OPTION 6 - SPRAY PARK/LAP POOL - DENISON PARK
PHASE: ***Concept***

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONSTRUCTION					
1.	Demo Concrete Deck	1	LS	$30,650.00	$30,650.00
2.	Demo Perimeter Fencing	1	LS	$3,000.00	$3,000.00
3.	Demo Pool Walls/Bottom	1	LS	$26,600.00	$26,600.00
4.	Demo Existing Bldg Roofs	1	LS	$5,000.00	$5,000.00
5.	Demo Plumbing Fixtures/Lighting	1	LS	$1,000.00	$1,000.00
6.	Demo Pool Concrete Stairs (at both corners)	1	LS	$3,000.00	$3,000.00
7.	Demo Below Grade Water Supply/Sanitary	1	LS	$5,000.00	$10,000.00
8.	Hauling and Dump	1	LS	$10,000.00	$10,000.00
9.	Electrical Demolition	1	LS	$5,000.00	$5,000.00
10.	Removal Pool Filtrat/Chlor Equip. (Kiddie Pool)	1	LS	$5,000.00	$5,000.00
11.	New Plumbing Fixtures (including rough-in)	1	LS	$25,000.00	$25,000.00
12.	Domestic Hot Water Heater & Instanteous units	1	LS	$18,600.00	$18,600.00
13.	New Concrete Splash Pad Slab	1	LS	$27,650.00	$27,650.00
14.	New Roof for all buildings	1	LS	$88,450.00	$88,450.00
15.	2 New Splash Pad Features/Controls/Valves	1	LS	$220,000.00	$220,000.00
16.	New Below Grade Water to Features	1	LS	$20,000.00	$20,000.00
17.	New Below Grade Water Supply & Sanitary Mains	1	LS	$40,000.00	$40,000.00
18.	New Electrical to Pad & Equipment	1	LS	$35,000.00	$35,000.00
19.	New Concrete Deck	1	LS	$102,000.00	$102,000.00
20.	New Lap Pool	1	LS	$276,000.00	$276,000.00
21.	Pool Painting	1	LS	$15,000.00	$15,000.00
22.	Upgrades to existing Pool Filter/Pump System	1	LS	$50,000.00	$50,000.00
23.	New Pool Gutters	1	LS	$78,500.00	$78,500.00
24.	New Ladders, LG Stands	1	LS	$15,000.00	$15,000.00
25.	New Interior Light Fixtures	1	LS	$12,000.00	$12,000.00
26.	New Site Lighting (Poles/fixtures/concrete base)	1	LS	$27,000.00	$27,000.00
27.	New Fencing with Gates	1	LS	$23,500.00	$23,500.00
	CONSTRUCTION SUBTOTAL				**$1,172,950.00**
	CONTRACTOR'S OVERHEAD	10%			$117,295.00
					$1,290,245.00
	CONTRACTOR'S PROFIT	10%			$117,295.00
					$1,407,540.00
	CONTINGENCY	25%			$293,238.00
					$1,700,778.00
ESTIMATED TOTAL CONSTRUCTION COST					**$1,701,000.00**

Appendix E

2017 New York State Funding Opportunities

2017 NEW YORK STATE FUNDING OPPORTUNITIES

Empire State Development (ESD) Grant Program

2017 Funding: Up to $150 Million available (No funding limits per project)
2016 Change: Decrease of $25 Million from 2016
Funding Categories: Business Investment, Infrastructure Investment, or Economic Growth Investment
Criteria: Must be a municipality, business, or non-for-profit corporation, county, regional commission, etc. All required public approvals must be in place prior to the start of construction and approved by ESD Directors. Projects with public support, high likeliness of completion, the amount of private and public investment leveraged, estimated return on investment, the overall economic impact to the region and the correlation with the significant statewide programs will be favored.
Local Match Minimum: ESD seeks to provide no more than 20% of total project costs. Applicant must contribute a 10% minimum of total project costs (in the form of equity, contributed after the applicant's acceptance).

Market New York

2017 Funding: 15 Million available (No funding limits per project)
2016 Change: Up 1.5 Million from 2016

Eligible Projects: Regional Tourism Marketing

- MWBE requirements must be met
- Funding may be used for media advertising, tourism center, website design, etc.
- ESD seeks to provide no more than 75% of financing for projects – an actual cash match of 25% of the total project cost is required
    - Funds from another State agency are ineligible for funding match requirement

Eligible Projects: Regional Tourism Capital

- Funding may be used for pre-development costs, remediation costs, acquisition of an existing business and/or assets, new construction, renovation, or leasehold improvements
- ESD seeks to provide no more than twenty percent – an actual cash match of 80% of the project costs is required

Eligible Projects: Regional Tourism Special Events

- Eligible expenses include fees paid to artists, performers etc., fees paid for audio/visual support, site expenses and service, improved accessibility services, etc.
- If the project plan includes any tourism capital expenditures - an actual cash match of 80% of the total project costs is required
- If the project plan includes only tourism marketing expenditures – a match of at least 25% of the total project cost is require
- Project plan should include evidence that the project will increase tourism to and within NYS, a timeline for individual project steps, a clear budget indicating specifically how the grant funds and the grantee entity will be spent, performance measures to show economic impact, and the ability for the project to align with the goals and strategies of I LOVE NY (increasing the perception and consideration of NYS as a travel destination, increasing visitation and creating a positive economic impact); special consideration will also be given to projects providing information demonstrating project partnerships through regional collaboration and tourism special events that are new event

New York State Council on the Arts/ESD – Arts & Cultural Facilities

2017 Funding: $20 million available
2016 Change: New since 2016
Goals: Strengthen tourism,; promote business development; and improve the quality, efficiency, and accessibility of NYS arts and cultural organizations through targeted investments
Eligible Activities: Funding is available for, but not limited to, renovations and/or expansions of space(s) that are open to the public; modifications to provide for sustainable, energy efficient spaces that would result in overall cost savings; accessibility renovations; as well as technology and other equipment that would benefit the public. Eligible costs include: acquisition of real estate, new construction, renovation, expansion of leasehold improvements, acquisition of fixed capital equipment; acquisition of fixtures; soft costs (up to 15% of total project costs); design studies relevant to a specific capital project including conceptual, schematic, and design development through construction documents.
Criteria: Artistic/Programmatic Excellence 15 pts; service to the Public 15 pts; Timeline & Performance Measures/Metrics 20 pts; Increased Economic Impact 20 pts; Budget & Grant Match Requirement 10 pts; Regional Council Score 20 pts
Local Match Minimum: 50% match required
Award Range: $500,000 minimum.

Community Development Block Grant Program

2017 Funding: $20 Million available
2016 Change: Decrease of $5 million from 2016
Eligible Activities: For public infrastructure – drinking water, clean water, stormwater, or public works; For public facilities – structures to house or serve special-needs populations, or multi-purpose buildings housing several qualifying activities; For community planning – community needs assessment or preliminary engineering reports; For microenterprises – acquisition of property, financing or machinery,
Criteria: Funding provided for **small** communities and counties to develop viable communities by providing decent housing and a suitable living environment by expanding economic opportunities, for persons with low and moderate income; Priority will be given to applicants that demonstrate a clearly defined need, address specific community and economic development priorities, meet the objectives of NYS CDBG program, demonstrate they have satisfied all administrative and regulatory requirements to proceed immediately upon award, present a project budget that effectively leverages other investments, and meet the desires of the Significant Statewide Programs.
Local Match Minimum: Public Infrastructure and Public Facilities – 0% match required; Community Planning – 5% of the total project cost must be provided as a cash match; Microenterprises – 10% owner equity contribution.
Maximum Funding Limits: Public Infrastructure $750,000, Joint Applicants – Public Infrastructure $900,000, Projects with NYS Co-funding $1,000,000; Public Facilities $300,000; Municipality – Microenterprise Programs $200,000 (individual grant amount to business between $5,000 - $35,000), Municipality – Planning $50,000

Office of Parks, Recreation & Historic Preservation (OPRHP) – Environmental Protection Fund (EPF) Municipal Grants Program for Parks, Preservation and Heritage

2017 Funding: $20 Million
2016 Change: Same as 2016
Eligible Applicants: Local Government, Not-for-profits, public authorities, state agencies
Eligible Activities: Funds available for the acquisition, planning, development, and improvement of parks, historic properties, and heritage areas in NYS
Criteria: Half of the total awards given will be going to inner city/underserved areas; Applicants must has an ownership interest in the project property; if applicant is not the property owner funds may only be used for planning purposes; Long term protections will be placed on the property; successful applicants will submit a project that has not begun work until the project contract has been fully executed; Priority will be given to projects that clearly demonstrate the impact of the project, community support, and the Commissioner's priorities for the grant program (5% scoring bonus given to projects located in the Hudson River Valley Greenway Compact).
Maximum Funding Limits: Grants can fund 50% of total project costs & up to 75% is project is located in a high-poverty area – Grant awards are capped at $500,000.

NYSERDA Energy Efficiency Programs

2016 Funding: $40 Million
2015 Change: $20 Million decrease from 2016
Eligible Applicants: NYSERDA Flexible Technical Assistance - Local Government, schools, and commercial and industrial facilities eligible; Small Commercial Energy Efficiency Programs: Energy Assessments – Small businesses or non-for profits; NYSERDA – Commercial New Construction Program (CNCP) – State and Local governments; NYSERDA – Commercial Implementation Assistance Program (CIAP) – Municipalities, State agencies, facility owners.
Eligible Activities: NYSERDA Flexible Technical Assistance - Energy feasibility studies, Master Planning, Industrial Process Efficiency, Data Centers, Combined Heat and Power, and Farm Energy Audits; Small Commercial Energy Efficiency Programs: Energy Assessments – Lighting, Lighting controls, Heating, Ventilation, Air Conditions, etc.; NYSERDA – CNCP – New buildings or space within a new building, or substantial renovations to existing buildings where the space has been, or will be, vacant for at least 30 consecutive days, or where there is a change of use; CIAP – Advance clean energy or underutilized technologies, deep-energy savings projects, or systems-based projects that expand the diversity of measures and depth of savings.
Criteria: NYSERDA Flexible Technical Assistance - Applications are accepted on a first-come, first serve basis until funds are exhausted; Customers must be contributing to the Systems Benefits Charge (SBC) on their electric bill or utility bill in order to be; Small Commercial Energy Efficiency Programs: Energy Assessments – Customers should have an average electric demand of 100kW or less are eligible to participate; Applications are accepted on a first-come, first serve basis until funds are exhausted; NYSERDA – CNCP – Applications are will be equally considered, applications should be submitted in the early schematic design phase or sooner, but will be awarded on a first-come, first serve basis; CIAP – first-come, first serve basis.
Local Match Requirements: NYSERDA will contribute 50% of the eligible study costs