

Fennick McCredie Architecture

Clougherty Pool Replacement Study

Charlestown, MA

August 31, 2022

contents

- 1 executive summary
- 2 architectural notes and diagrams
- 3 aquatic notes and diagrams
 Weston & Sampson
- 4 structural notes and diagrams
 LaFuess
- 5 **cost estimation** CHA Companies

Appendix

PFD / BCYF Criteria Feedback



Executive Summary

Introduction

Fennick McCredie is pleased to submit the following conceptual cost estimate study for the replacement of the existing Clougherty Pool and Bathhouse in Charlestown, MA. The goal of the study is to establish a budget for the construction of a new facility that can accommodate the current population and needs of the community.

This study includes architectural, aquatic, and structural narratives describing the criteria, and scope of the replacement pool facility for the purpose of developing a conceptual construction cost estimate for the City's use.

Project

The project consists of the construction of a publicly developed replacement bathhouse and pool facility on the site of an existing pool facility in Charlestown, MA, located on property managed by BCYF. The project assumes a Construction Manager at risk procurement including preconstruction services; with expected construction start in spring of 2024.

The replacement bathhouse and pools are planned to accommodate a maximum capacity of 480 swimmers ranging from infants to senior citizens. The pool will be open for a 12 week season during the summer months, and will accommodate the following programs: swim team, swim lessons, water exercise, recreation swimming, and lap swimming.

Bathhouse and Pools

Existing Conditions: The existing facility consists of a two story bathhouse with a roof terrace and two pools: a lap pool and a diving pool. There is bleacher style seating along the edge of the pool deck.

The cost of demolition of the existing facility is included in the study's cost estimate.

Replacement Bathhouse: Consists of a single story bathhouse that totals 7,400 GSF of occupiable space. The non-occupiable roof accommodates photovoltaics as well as a green roof. The primary superstructure utilizes a concrete slab on a composite deck at the roof supported by steel beams and load bearing CMU.

Replacement Pool: The pool configuration concept assumed for the cost estimate features a recreation pool with zero entry, four lanes of lap swimming, and shaded areas totaling 7,300sf that can accommodate a bather load of 420. Additionally, the facility includes a separate wading pool that can accommodate a bather load of 60.

Two additional pool concepts, with costs, are provided for PFD/BCYF's consideration.

Replacement Deck: The pool deck includes bleacher style seating for lounging and spectating, as well as shading structures and pool storage. The equipment room is located below the pool deck. The structure assumes an elevated deck supported by a continuous retaining wall around the perimeter of the facility, accommodating the sloping grade of the existing site. The design assumes open space beneath the deck area, with structural fill to support the pool itself.

Conceptual Cost Estimation Summary

\$18,101,701
\$1,237,000
\$2,594,000
\$1,208,000
\$5,794,091 \$2,862,276 \$4,361,334

architecture

Architectural Notes and Diagrams

Design Criteria

Applicable Codes:

- Building: 780 CMR- Massachusetts State Building Code 9th Edition, amendment of 2015 International Building Code (IBC)
- Fire: 527 CMR Massachusetts Comprehensive Fire Safety Code
- · Accessibility: Massachusetts Architectural Access Board (MAAB), 2010 ADA Standards for Accessible Design
- Mechanical: 2015 International Mechanical Code (IMC)
- Plumbing: 248 CMR 10.00 Uniform State Plumbing Code
- Energy: 780 CMR 13.00, amendment of 2018 International Energy Code (IEC)
- Other: National Fire Protection Association (MFPA) Standards, as referenced in the above codes, including the following

2013 NFPA 10: Standard for Portable Fire Extinguishers

2013 NFPA 13: Standard for the Installation of Sprinkler systems

2013 NFPA 72: National Fire Alarm and Signaling Code

Sustainability and Resilience

 Compliance with the Boston Climate Action Plan Requirements where technically feasible; LEED Silver Certification at a minimum.

Design Population

480 persons

Proposed Facility must stay within parcel boundary, cannot extend into historically significant portion of park on the lower side of the site

Pool Deck

The replacement pool deck is located at the same elevation as the existing deck to limit any further excavation. The site planning takes advantage of the existing grade, locating the bathhouse at the highest point, and accommodates the depth of the pool at its deepest as the grade slopes down. This organization preserves the views out to the existing historical park and beyond.

The proposed layout maintains the existing accessible entrance through the park, as well as the non-compliant route from the sloping Bunker Hill Street sidewalk to an existing stair on the south side of the site.

Shading structures are located on areas of the deck and pool that receive the most sunlight during hours of operation. This provides ample space for spectators and swimmers to lounge comfortably. Additionally, this adds optimal area to locate photovoltaics for power generation.

The pool deck houses 200sf of pool storage separate from the bathhouse structure. The pool equipment is located below the deck, similar to the existing design. This avoids locating any additional structure on the deck level, which would take away from occupiable space for patrons and staff.

Bathhouse

Building:

For best practice functionality, the replacement bathhouse is one story at 7,400 GSF. It is located essentially at-grade at the highest point of the site, matching the floor elevation of the existing bathhouse building.

The non-occupiable roof provides surface for photovoltaic panels located at the area of the roof most suitable for sunlight. The remainder of the surface incorporates a green roof that provides insulation in addition to elevating the aesthetic view from the park above the site. These features contribute to compliance with the City of Boston Climate Action Plan and LEED Silver Requirements.

Program:

Lockers/Wet Spaces:

- Men's / Women's / Family Lockers
 - one fixture per 40 people per code
 - one shower per 40 people per code
 - day use lockers for 20% of users per industry standards
 - 20 square feet of floor space per projected user per industry standards
- Lifeguard Lockers

Other

- First Aid
- Concession
- Lobby/ Reception
- Office
- Mechanical

Refer to Figure A for program area specifications.

Systems

Electrical heat pump and Energy Recovery Ventilator (ERV) systems are incorporated to maintain minimal heat during the winter to prevent freezing, and to condition the space during the summer months as desired. The criteria for the building envelope is to conform with energy code.

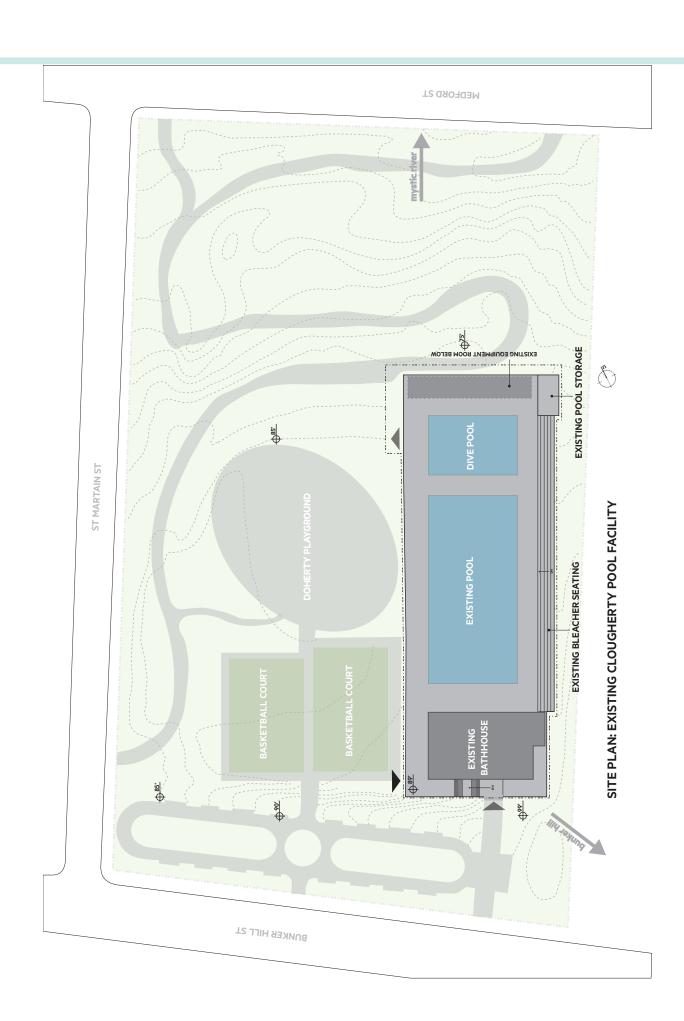
Water heaters and plumbing equipment support plumbing fixture counts.

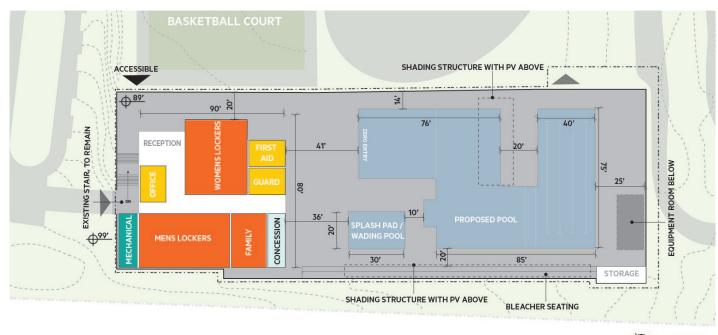
Figure A

New Clougher	ty Pool Facility
Bathhouse	
Women's Locker Room	(one shower per 40 ppl) 7 shower stalls 7 fixtures (toilet) 4 Sinks Total: 1.500 sf
Men's Locker Room	(one shower per 40 ppl) 7 shower stalls 7 fixtures (toilet/urinal) 4 sinks Total: 1,500 sf
Family/Universal Locker Room	10141. 1,500 31
(3x150 sf)	450 sf
Total Locker Room	3,450 sf
Reception	500 sf
Mechanical Room	450 sf
First Aid	180 sf
Lifeguard Locker Room (Mens)	150 sf
Lifeguard Locker Room (Womens)	150 sf
Office	180 sf
Concession	500 sf
Storage	200 sf
Pool Equipment	450 sf
Net + 20%	Net SF: 6,200 sf Gross SF: 7,400 sf

Deck	
*10' minimum deck around pools	
Pool Storage	200 sf
Shading Structure	2,000 sf (not in total sf)
Pool Equipment	450 sf
Deck	13,350 sf
Total	14,000 sf

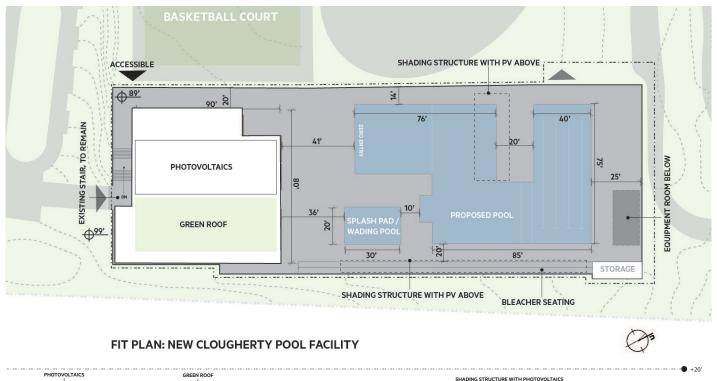
Pool	
Lap Pool	
(see W&S for further information)	7000 sf
Splash Pad	
(see W&S for further information)	600 sf
Total	7,600 sf





FIT PLAN: NEW CLOUGHERTY POOL FACILITY





PHOTOVOLTAICS GREEN ROOF SHADING STRUCTURE WITH PHOTOVOLTAICS HOUSE WADING POOL (0'-1' DEPTH) SHALLOW END (3'-4' DEPTH) LAP POOL (6' DEPTH) EQUIPMENT ROOM existing pool deck existing pool deck ELEVATED DECK WITH SPACE UNDERNEATH FREE DRAINING FILL AROUND POOLS EARTH

aquatics

Aquatic Notes and Diagrams (W&S)

Aquatics

The proposed design for the Clougherty Pool includes a multi-use recreation pool and smaller body of water. Both pools include a concrete pool shell with either a tile and plaster finish. The pools shall be designed to meet the following standards:

- 105 CMR 435.00: Minimum Standards For Swimming Pool (State Sanitary Code: Chapter V)
- International Swimming Pool and Spa Code (Latest Version)
- International Building Code (Latest Version)
- American National Standard for Public Swimming Pools (ANSI/NSPI Latest Version)
- American National Standard for Aquatic Recreation Facilities (ANSI/IAF 9 2005)
- United States Access Board Accessible Swimming Pools and Spa (ADA Code, Latest Version)

Design Intent

The proposed design intent of the facility would contain a minimum of two bodies of water. The provisions for two bodies of water will provide the following needs:

- Redundancy in the system. If there is a fecal incident, the facility does not need to shut down
 all amenities until the system has been chlorinated.
- Provide an oasis for different age groups of children and different abilities to provide inclusive play at different ages and abilities.
- Providing shallow water, activity space, and lap swimming. The combination of the three
 sectors of the pool is not all available in the current pool layout. Providing shallow water will
 allow for learn to swim programs, younger children play, and instructional learning. The
 provision of laps will be proving (4) laps, to allow for open swim laps, while utilizing pool
 surface for multi-use programs.
- The introduction of a wading pool and splash pad will provide a sector for younger kids.
- Less deep water will be safer and less risk for the City.
- Shallower water will allow for warmer pool water and allow the pool to heat faster through natural light radiant heating.
- Pools are sized to accommodate 480 Bathers.
- Pools will incorporate regenerative media filters and green technology.

We have provided three (3) different options for discussion. Cost estimates have also been provided based on pre-selected options. Each option is interchangeable; however it is our recommendation to select two bodies of water.

The design narrative below is providing clarity of the preferred option, (option #1)

Recreation Pool

The recreation pool is an four (4) lane pool that is 25 yards long (approximately 75'-0"), with a zero entry, containing some spray features. The pool will contain activity areas with water depths ranging from two (2) to four (4) feet. The water surface of the pool is 7,300 square feet and the volume is approximately 220,000 gallons. The water depth of the pool shall slope from 0'-0" in the shallow end to 7'-0" in the deep end. The bather load of the pool is 420. The pool includes four, 7'-0" wide swimming lanes that span the length of the pool. Pool will have a section that shall have an overhanging shade structure to provide some shade on the water surface.

Access points into the pool include a zero entry ramp, ADA lift, ladders and access stair systems.

Water from the recreation pool will be recirculated through main drains, a deck level perimeter gutter system and a combination of floor and wall return inlets. Water will gravity feed from the main drains and gutter to a collector tank located in the pool deck. The pool collector tank be a 5,500 gallon tank. The tank shall have an aluminum hatch brought to deck surface, with the exterior and interior of the tank waterproofed.

The pool water will be filtered through a flooded suction pump, with a redundant pump, a regenerative media filter, and erosion tablet feeders for chlorination and pH balance. An ultraviolet system (UV system) will be used for supplemental disinfection. The filter pumps for the pool will be located in a pump pit within the mechanical room. The water level in the pool will be maintained through an automatic water level controller system.

The flow rate through the filtration system will be approximately 920 GPM to achieve a turnover rate of four hours. Pipe sizing will primarily range between 6-inches to 12-inches and all pool piping will be Schedule 80 PVC.

The pool shell shall consist of the following:

- Shell walls shall be constructed of shotcrete concrete
 - Pool walls less than 5-ft in depth shall be 8-in thick walls with #4 bar 12-in on center each way.
 - Pool walls greater than 5-ft in depth shall be 12-in thick walls with (2) layers of #4 bar 12-in on center each way.
 - Pool floor shall be 12-in thick with (2) layers of #4 bar 12" on center each way.

Clougherty Pool Schematic Design Report Weston & Sampson Engineers Inc. August 25, 2022

- 2. Pool interior shall be finished with a white marcite plaster finish.
- 3. Pool tile accents shall be 2"x2" non-glazed ceramic tile.
- Pool shell shall have a 304L Stainless Steel perimeter gutter, that is installed at deck level.
 The gutter shall be complete with non-slip, white PVC gutter grating.
- 5. The pool shall primarily utilize floor inlets.

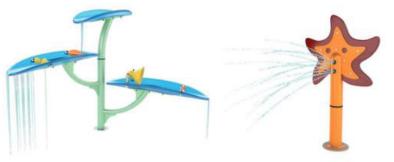
Wading Pool

The wading pool is approximately 600 SF. The water volume is approximately 3,000 gallons. The pool will contain shall water, zero entry, and will have small spray features. The water depth in the wading pool slopes from 0'-0" to 1'-0". The bather load of the family pool is 60.

Access points into the pool include a set of stairs and a zero depth entry ramp.

Spray features will be located in the wading pool and on the spray pad. Features include:

- 1 x Anchor Away
- 1 x Starfish
- 4 x Steady Streams (Ground Spray)
- 1 x Geyser (Ground Spray)
- 1 x Waterfall 2



Waterfall 2 Spray Feature

Starfish Spray Feature



Anchor Away Spray Feature



Stead Stream Spray Feature



Geyser Spray Feature

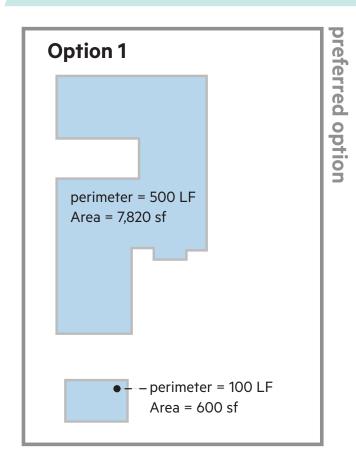
Water from the wading pool will be recirculated through two (2) main drains (two in each area), skimmers and a combination of floor and wall return inlets.

The pool water will be filtered through a flooded suction pump, a sand filter, and erosion tablet feeders for chlorination and pH balance. A UV system will be used for supplemental disinfection. A booster pump will be used to distribute water to the spray features. The filter pumps and booster pump for the pool will be located in a pump pit within the mechanical room. The water level in the pool will be maintained through an automatic water level controller system.

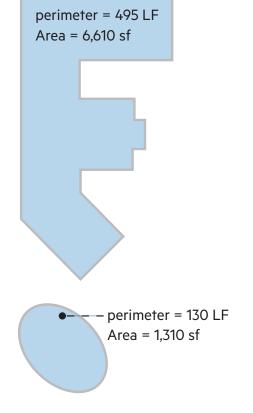
The flow rate through the filtration system will be approximately 65 GPM to achieve a turnover rate of 0.75 hours. Pipe sizing will primarily range between 2-inches to 6-inches and all pool piping will be Schedule 80 PVC.

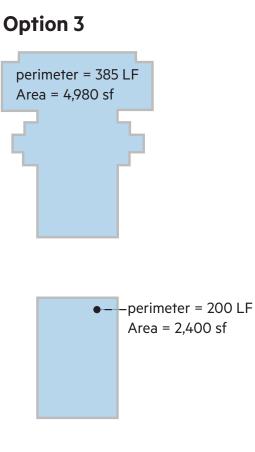
The pool shell shall consist of the following:

- Shell walls shall be constructed of shotcrete concrete:
 - Pool walls less than 5-ft in depth shall be 8-in thick walls with #4 bar 12-in on center each way.
 - Pool floor shall be 12-in thick with (2) layers of #4 bar 12" on center each way.
- Pool interior shall be finished with a white marcite plaster finish.
- 3. Pool tile accents shall be 2"x2" non-glazed ceramic tile.
- Pool shall primarily utilize floor inlets.



Option 2





Clougherty Pool - Boston - MA - Feasibility Study Probable Cost Estimate New Concrete Pool Installation - Option #1									
<u>ltem</u>	Unit Cost	<u>Unit</u>	Quantity	Equipment/ Material Cost	<u>Labor Cost</u>	<u>Total Cost</u>	Notes		
Division 2 - Demolition (specific to Poo	ol only)								
Interior Pool Demo Exlude Demo	\$0.00	SF	0			\$0			
Total Division 3 - Concrete				\$0	\$0	\$0			
Main Pool									
Form And Wreck Rebar	\$27.00 \$9.50	SF SF	2100 9380			\$56,700 \$89,110	Erection of Forms / Material / Form Removal Supply and tie rebar		
Concrete	\$250.00	Yd	415			\$103,750	Supply of Concrete		
Concrete Pump Shotcrete	\$4,000.00 \$10,000.00	EA Day	4			\$16,000 \$40,000	Pump to Shotcrete Rig & Floor pours Shotcrete Pool and Finish		
Concrete Pads	\$4,500.00	LS	1			\$4,500	Concrete House Keeping Pads		
Collector Tank	\$12,500.00 \$5,500.00	LS LS	1			\$12,500 \$5,500	Precast collector tank Curing of concrete Shell		
Curing	\$3,300.00	L	1			23,200	Curing of concrete shell		
Wading Pool Form And Wreck	\$27.00	SF	125			\$3,375	Erection of Forms / Material / Form Removal		
Rebar	\$9.50	SF	700			\$6,650	Supply and tie rebar		
Concrete	\$250.00	Yd	35			\$8,750	Supply of Concrete		
Concrete Pump Shotcrete	\$4,000.00 \$10,000.00	EA Day	1			\$4,000 \$10,000	Pump to Shotcrete Rig & Floor pours Shotcrete Pool and Finish		
Curing	\$1,500.00	LS	1			\$1,500	Curing of concrete Shell		
Total	1					\$362,335			
Division 5 - Metal Work						4202,333			
In Pool Equipment Room									
N/A Fotal		LS				\$0 \$0			
Division 6 - Woods & Plastics									
N/A Total		LS				\$0 \$0			
Division 7 - Waterproofing									
Main Pool Tank Waterproofing	\$17.50		9500			\$166,250	Flexcrete on interior of pool shell prior to finish		
Wading Pool	\$17.50	J SF	700	1		\$12,250	Flexcrete on interior of pool shell prior to finish		
Total						\$178,500			
Division 8 - Openings N/A		LS				\$0			
		LS				\$0			
Total Division 9 - Finishes						\$0			
Main Pool									
Deck Depth Marker Tiles New Pool tile	\$1,250.00 \$65.00	EA SF	25 600			\$31,250 \$39,000	Deck Depth Markers Waterline Tile & Contrasting color Tile on the interior of the pool		
Prep Plaster	\$7.50	SF	9500			\$71,250	Prep for Plaster		
Plaster Finish	\$30.00	SF	9500			\$285,000	White Plaster Finish		
Wadding Pool									
Deck Depth Marker Tiles New Pool tile	\$1,250.00 \$65.00	EA SF	6 150			\$7,500 \$9,750	Deck Depth Markers Waterline Tile & Contrasting color Tile on the interior of the pool		
Prep Plaster	\$7.50	SF	700			\$5,250	Prep for Plaster		
Plaster Finish	\$30.00	SF	700			\$21,000	White Plaster Finish		
Total						\$470,000			
Division 10 - Signage Pool Health & Safety Signage	\$3,500.00	LS	1			\$3,500	State Code Require Signage		
	\$3,500.00		-				State Code Require Signage		
Total Division 13 - Special Construction (Pod	-11					\$3,500			
Main Pool									
Whit e Goods Main Drains	\$4,500.00	LS	1			\$4,500	Skimmers, returns, autofill probe chambers		
Main Drains Furnish Pool Equipment	\$4,000.00 \$340,000.00	ea LS	2			\$8,000 \$340,000	Main Drains, F&I Funish and Set Pool Filtration Equipment		
Install Pool Equipment	\$65,000.00	LS	1			\$65,000	Install Pool Equipment		
Pool Piping Ladders	\$52,500.00 \$2,000.00	LS ea.	6			\$52,500 \$12,000	F&I Pool Piping Pool Ladder		
Railings	\$1,500.00	ea.	4			\$6,000	Rail Goods for Stairs		
Hanicap Lift Life Guard Chairs	\$7,000.00 \$4,500.00	ea EA	4			\$7,000 \$18,000	Handicap Lift Moveable Lifeguard Chairs		
Balancing Pool	\$3,000.00	LS	1			\$3,000	Balance of Pools		
Spray Features Pool Bonding	\$35,000.00 \$25,000.00	LS EA	1			\$35,000 \$25,000	Budget for spray features in the zero entry Bonding the perimeter pool		
Control Wiring	\$13,500.00	LS	1			\$13,500	Control & Low Voltage wiring		
Lane Lines & Safety Equipment FFE Start Up & Training	\$8,350.00	LS EA	1			\$8,350 \$4,500	Allowance One week of Startup and (2) Days of training		
	Ç-1,500.00					٠٠,٥٠٥	Startop and (L) only or training		
Wading Pool									
White Goods	\$1,500.00	LS	1			\$1,500	Skimmers, returns, autofill probe chambers		
Main Drains	\$2,000.00	ea	2			\$4,000	Main Drains, F&I		
Furnish Pool Equipment nstall Pool Equipment	\$72,000.00 \$38,000.00	LS LS	1			\$72,000 \$38,000	Funish and Set Pool Filtration Equipment Install Pool Equipment		
Pool Piping	\$42,000.00	LS	1			\$42,000	F&I Pool Piping		
adders Railings	\$2,000.00 \$1,500.00	ea.	0 2	 		\$0 \$3,000	Pool Ladder Rail Goods for Stairs		
lanicap Lift	\$7,000.00	ea	0			\$0	Handicap Lift		
ife Guard Chairs pray Features	\$4,500.00 \$15,000.00	EA LS	1			\$4,500 \$15,000	Moveable Lifeguard Chairs Spray features budget for the wading pool		
Balancing Pool	\$2,000.00	LS	1			\$2,000	Balance of Pools		
ool Bonding	\$15,000.00	EA	1			\$15,000	Bonding the perimeter pool		
Control Wiring Lane Lines & Safety Equipment FFE	\$7,500.00 \$6,500.00	LS LS	1			\$7,500 \$6,500	Control & Low Voltage wiring Allowance		
Start Up & Training	\$4,500.00	EA	1			\$4,500	(1) Pipe Fitter, (3) Days @ \$160/hr.		
Total Total	1	1	1	\$0	\$0	\$817,850	(1) Pipe Fitter, (3) Days @ \$160/hr.		
	Subtotal	4501				\$1,832,185	- '		
	General Conditions Permits 2%	15%				\$274,828 \$42,140			
	Profit (15%)					\$322,373			
	Construction Conti	ngency (10%)			\$247,153			
	Engineering Contin	gancu / 1 000				\$271,868			

Exclusions:

Line Voltage to Equipment
Earthwork in preparation, below slab, backfill, trenching and bedding

	Clougherty Pool - Boston - MA - Feasibility Study Probable Cost Estimate New Concrete Pool Installation - Option #2									
<u>Item</u>	<u>Unit Cost</u>	<u>Unit</u>	Quantity	Equipment/ Material Cost	<u>Labor Cost</u>	<u>Total Cost</u>	Notes			
Division 2 - Demolition (specific to Poo	ol only)									
Interior Pool Demo										
Exlude Demo	\$0.00	SF	0			\$0				
L						40				
Total				\$0	\$0	\$0				
Division 3 - Concrete Main Pool										
Form And Wreck	\$27.00	SF	1950			\$52,650	Erection of Forms / Material / Form Removal			
Rebar	\$9.50	SF	8560			\$81,320	Supply and tie rebar			
Concrete	\$250.00	Yd	390			\$97,500	Supply of Concrete			
Concrete Pump	\$4,000.00	EA	4			\$16,000	Pump to Shotcrete Rig & Floor pours			
Shotcrete Concrete Pads	\$10,000.00 \$4,500.00	Day LS	1			\$40,000 \$4,500	Shotcrete Pool and Finish Concrete House Keeping Pads			
Collector Tank	\$12,500.00	LS	1			\$12,500	Precast collector tank			
Curing	\$5,500.00	LS	1			\$5,500	Curing of concrete Shell			
Splash Pad										
Form And Wreck	\$27.00	SF	275			\$7,425	Erection of Forms / Material / Form Removal			
Rebar Concrete	\$9.50 \$250.00	SF Yd	1310 65			\$12,445 \$16,250	Supply and tie rebar Supply of Concrete			
Collector Tank	\$9,500.00	EA	1			\$9,500	Underslab collection tank			
Concrete Pump	\$4,000.00	EA	2			\$8,000	Pump to Shotcrete Rig & Floor pours			
Curing	\$1,500.00	LS	1			\$1,500	Curing of concrete Shell			
Total						\$365,090				
Division 5 - Metal Work										
In Pool Equipment Room		_								
N/A		LS				\$0				
Total						\$0				
Division 6 - Woods & Plastics		LS				\$0				
Total						\$0				
Division 7 - Waterproofing						,				
Main Pool	\$17.50	SF	0			\$0	Flexcrete on interior of pool shell prior to finish			
Total Division 8 - Openings						\$0				
N/A	T	LS		T	T	\$0				
		LS				\$0				
Total						\$0				
Division 9 - Finishes										
Main Pool Deck Depth Marker Tiles	\$1,250.00	EA	25	1		\$31,250	Dool: Doobh Mariling			
New Pool tile	\$65.00	SF	580			\$37,700	Deck Depth Markers Waterline Tile & Contrasting color Tile on the interior of the pool			
Prep Plaster	\$7.50	SF	8650			\$64,875	Prep for Plaster			
Plaster Finish	\$30.00	SF	8650			\$259,500	White Plaster Finish			
Total						\$393,325				
Division 10 - Signage Pool Health & Safety Signage	\$3,500.00	LS	1	1	1	\$3,500	State Code Require Signage			
Tool Health & Safety Signage	\$3,500.00		-			\$3,300	State Code Require Signage			
Total						\$3,500				
Division 13 - Special Construction (Poo	ol)									
Main Pool						4				
White Goods	\$4,500.00	LS	1	-		\$4,500	Skimmers, returns, autofill probe chambers Main Drains E&I			
Main Drains Furnish Pool Equipment	\$4,000.00	ea LS	1	<u> </u>		\$8,000	Main Drains, F&I Funish and Set Pool Filtration Equipment			
Install Pool Equipment	\$65,000.00	LS	1			\$65,000	Install Pool Equipment			
Pool Piping	\$52,500.00	LS	1			\$52,500	F&I Pool Piping			
Ladders	\$2,000.00	ea.	6			\$12,000	Pool Ladder			
Railings	\$1,500.00	ea.	4			\$6,000	Rail Goods for Stairs			
Hanicap Lift Life Guard Chairs	\$7,000.00 \$4,500.00	ea EA	4			\$7,000 \$18,000	Handicap Lift Moveable Lifeguard Chairs			
Balancing Pool	\$3,000.00	LS	1			\$3,000	Balance of Pools			
Spray Features	\$35,000.00	LS	1			\$35,000	Budget for spray features in the zero entry			
Pool Bonding	\$25,000.00	EA	1			\$25,000	Bonding the perimeter pool			
Control Wiring	\$13,500.00	LS	1			\$13,500	Control & Low Voltage wiring			
Lane Lines & Safety Equipment FFE Start Up & Training	\$8,350.00	LS EA	1			\$8,350	Allowance One week of Startup and (2) Days of training			
Start Up & Training	\$4,500.00	LA.	1			\$4,500	One week of Startup and (2) bays of training			
Splash Pad										
Main Drains	\$2,000.00	ea	2			\$4,000	Main Drains, F&I			
Furnish Pool Equipment	\$72,000.00	LS	1			\$72,000	Funish and Set Pool Filtration Equipment			
Install Pool Equipment	\$38,000.00 \$42,000.00	LS LS	1			\$38,000	Install Pool Equipment F&I Pool Piping			
Pool Piping	\$42,000.00	LS	1			\$42,000 \$100,000	F&I Pool Piping Spray features budget for the wading pool			
I Spray Features	\$2,000.00	LS	1			\$2,000	Balance of Pools			
Spray Features Balancing Pool	\$2,000.00		1			\$15,000	Bonding the perimeter pool			
Balancing Pool Bonding	\$15,000.00	EA				\$7,500	Control & Low Voltage wiring			
Balancing Pool Bonding Control Wiring	\$15,000.00 \$7,500.00	LS	1							
Balancing Pool Bonding	\$15,000.00					\$2,500	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring Start Up & Training	\$15,000.00 \$7,500.00	LS	1		én	\$2,500	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring	\$15,000.00 \$7,500.00 \$2,500.00	LS	1	\$0	\$0	\$2,500 \$885,350	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring Start Up & Training	\$15,000.00 \$7,500.00 \$2,500.00 Subtotal	LS EA	1	\$0	\$0	\$2,500 \$885,350 \$1,647,265	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring Start Up & Training	\$15,000.00 \$7,500.00 \$2,500.00	LS EA	1	\$0	\$0	\$2,500 \$885,350	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring Start Up & Training	\$15,000.00 \$7,500.00 \$2,500.00 Subtotal General Conditions Permits 2% Profit (15%)	LS EA	1 1	\$0	\$0	\$2,500 \$885,350 \$1,647,265 \$247,090	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring Start Up & Training	\$15,000.00 \$7,500.00 \$2,500.00 \$2,500.00 Subtotal General Conditions Permits 2% Profit (15%) Construction Conti	LS EA : 15%	1 1	\$0	\$0	\$2,500 \$885,350 \$1,647,265 \$247,090 \$37,887 \$289,836 \$222,208	One week of Startup and (1) Days of training			
Balancing Pool Bonding Control Wiring Start Up & Training	\$15,000.00 \$7,500.00 \$2,500.00 Subtotal General Conditions Permits 2% Profit (15%)	LS EA : 15%	1 1	\$0	\$0	\$2,500 \$885,350 \$1,647,265 \$247,090 \$37,887 \$289,836	One week of Startup and (1) Days of training			

Line Voltage to Equipment
Earthwork in preparation, below slab, backfill, trenching and bedding

Clougherty Pool - Boston - MA - Feasibility Study Probable Cost Estimate New Concrete Pool Installation - Option #3

			1	Equip			
<u>Item</u>	Unit Cost	<u>Unit</u>	Quantity	Equipment/ Material Cost	Labor Cost	Total Cost	<u>Notes</u>
Division 2 - Demolition (specific to Pool Interior Pool Demo	ol only)						
Exlude Demo	\$0.00	SF	0			\$0	
Total				\$0	\$0	\$0	
Division 3 - Concrete	•						
Main Pool Form And Wreck	\$27.00	SF	1540			\$41,580	Erection of Forms / Material / Form Removal
Rebar	\$9.50	SF	6520			\$61,940	Supply and tie rebar
Concrete	\$250.00	Yd	312			\$78,000	Supply of Concrete
Concrete Pump Shotcrete	\$4,000.00 \$10,000.00	EA Day	3			\$12,000 \$30,000	Pump to Shotcrete Rig & Floor pours Shotcrete Pool and Finish
Concrete Pads	\$4,500.00	LS	1			\$4,500	Concrete House Keeping Pads
Collector Tank	\$12,500.00	LS	1			\$12,500	Precast collector tank
Curing	\$5,500.00	LS	1			\$5,500	Curing of concrete Shell
Activity Pool							
Form And Wreck	\$27.00	SF	800			\$21,600	Erection of Forms / Material / Form Removal
Rebar	\$9.50	SF	3200			\$30,400	Supply and tie rebar
Concrete Compa	\$250.00 \$4,000.00	Yd EA	145 2			\$36,250 \$8,000	Supply of Concrete Pump to Shotcrete Rig & Floor pours
Concrete Pump Shotcrete	\$10,000.00	Day	1			\$10,000	Shotcrete Pool and Finish
Curing	\$1,500.00	LS	1			\$1,500	Curing of concrete Shell
Total						\$353,770	
Division 5 - Metal Work	Т			1			
In Pool Equipment Room N/A		LS				\$0	
Total						\$0	
Division 6 - Woods & Plastics		li o					
N/A Total		LS				\$0 \$0	
Division 7 - Waterproofing						ąυ	
Main Pool	\$17.50		6520			\$114,100	Flexcrete on interior of pool shell prior to finish
Activity Pool	\$17.50	SF	3200			\$56,000	Flexcrete on interior of pool shell prior to finish
Total						\$170,100	
Division 8 - Openings							
N/A		LS				\$0	
Total		LS				\$0 \$0	
Division 9 - Finishes							
Main Pool							
Deck Depth Marker Tiles New Pool tile	\$1,250.00 \$65.00	EA SF	25 550			\$31,250 \$35,750	Deck Depth Markers Waterline Tile & Contrasting color Tile on the interior of the pool
Prep Plaster	\$7.50	SF	6520			\$48,900	Prep for Plaster
Plaster Finish	\$30.00	SF	6520			\$195,600	White Plaster Finish
And the Book							
Activity Pool Deck Depth Marker Tiles	\$1,250.00	EA	12			\$15,000	Deck Depth Markers
New Pool tile	\$65.00	SF	350			\$22,750	Waterline Tile & Contrasting color Tile on the interior of the pool
Prep Plaster	\$7.50	SF SF	3200			\$24,000	Prep for Plaster
Plaster Finish	\$30.00	SF	3200			\$96,000	White Plaster Finish
Total						\$469,250	
Division 10 - Signage						4	
Pool Health & Safety Signage	\$3,500.00	LS	1			\$3,500	State Code Require Signage
Total						\$3,500	
Division 13 - Special Construction (Poo	ol)						
Main Pool Whit e Goods	\$4,500.00	LS	1			\$4,500	Skimmers, returns, autofill probe chambers
Main Drains	\$4,000.00	ea	2			\$8,000	Main Drains, F&I
Furnish Pool Equipment	\$325,000.00	LS	1			\$325,000	Funish and Set Pool Filtration Equipment
Install Pool Equipment	\$55,000.00 \$48,000.00	LS LS	1	-		\$55,000	Install Pool Equipment
Pool Piping Ladders	\$48,000.00	ea.	6			\$48,000 \$12,000	F&I Pool Piping Pool Ladder
Railings	\$1,500.00	ea.	4			\$6,000	Rail Goods for Stairs
Hanicap Lift	\$7,000.00	ea	1			\$7,000	Handicap Lift Mayooble Uferword Chairs
Life Guard Chairs Balancing Pool	\$4,500.00 \$3,000.00	EA LS	1			\$18,000 \$3,000	Moveable Lifeguard Chairs Balance of Pools
Spray Features	\$35,000.00	LS	0			\$0	Budget for spray features in the zero entry
Pool Bonding	\$25,000.00	EA	1			\$25,000	Bonding the perimeter pool
Control Wiring Lane Lines & Safety Equipment FFE	\$13,500.00 \$8,350.00	LS	1	-		\$13,500 \$8,350	Control & Low Voltage wiring Allowance
Start Up & Training	\$4,500.00	EA	1			\$4,500	One week of Startup and (2) Days of training
Activity Pool							
Whit e Goods	\$2,000.00	LS	1	 		\$2,000	Skimmers, returns, autofill probe chambers
Main Drains	\$3,500.00	ea	2			\$7,000	Main Drains, F&I
Furnish Pool Equipment	\$72,000.00	LS	1			\$72,000	Funish and Set Pool Filtration Equipment
Install Pool Equipment Pool Piping	\$38,000.00	LS LS	1			\$38,000 \$48,000	Install Pool Equipment F&I Pool Piping
Ladders	\$2,000.00	ea.	0			\$0	Pool Ladder
Railings	\$1,500.00	ea.	2			\$3,000	Rail Goods for Stairs
Hanicap Lift	\$7,000.00	ea	0	-		\$0	Handicap Lift Mayophia Liferrand Chairs
Life Guard Chairs Spray Features	\$4,500.00 \$25,000.00	EA LS	2	<u> </u>		\$9,000 \$25,000	Moveable Lifeguard Chairs Spray features budget for the wading pool
Balancing Pool	\$2,000.00	LS	1			\$2,000	Balance of Pools
Pool Bonding	\$15,000.00	EA	1			\$15,000	Bonding the perimeter pool
Control Wiring Lane Lines & Safety Equipment FFE	\$7,500.00 \$6,500.00	LS LS	1			\$7,500 \$6,500	Control & Low Voltage wiring Allowance
Start Up & Training	\$4,500.00	EA EA	1			\$4,500	(1) Pipe Fitter, (3) Days @ \$160/hr.
	-,,_00.00						(1) Pipe Fitter, (3) Days @ \$160/hr.
Total			_	\$0	\$0	\$777,350	
	Subtotal	159/				\$1,773,970	
	General Conditions Permits 2%	1076				\$266,096 \$40,801	
	Profit (15%)					\$312,130	
	Construction Contin					\$239,300	
1	Engineering Conting Total	gency (10%)				\$263,230 \$2,895,526	
Exclusions:	I i orai					34,033,34 0	<u> </u>

Line Voltage to Equipment
Earthwork in preparation, below slab, backfill, trenching and bedding

structure

Structural Notes and Diagrams (LaFuess)

STRUCTURAL NARRATIVE

Summary

The proposed Clougherty Pool project is a 7,000 SF pool locker room building planned as a single-story structure with a roof terrace.

The primary superstructure is intended to utilize a concrete slab on composite deck at the roof supported by steel beams and grouted load bearing CMU. Lateral resistance is provided by reinforced CMU masonry walls.

Foundations are anticipated to be slab-on-grade with continuous footings below the bearing walls. A continuous retaining wall around the perimeter of the facility is required to accommodate the sloping grade.

Design Criteria

- Building Code: 2015 International Building Code
- Live Loads:

Floor and Roof 100 psf

Wind Loads:

Ultimate Design Wind Speed 39 mph Risk Category Wind Exposure Classification D

Earthquake Loads - Seismic Criteria:

Risk Category Ш Site Class D (tbv) Seismic Design Category B (tbv)

Material Properties

•	Normal Wt Concrete	Footings and Retaining walls	4,500 psi
		Interior Slab-on-Grade	3,500 psi
		Slab on Composite Deck	4,000 psi
•	Reinforcement:	Reinforcing Steel	ASTM A615, Grade 60
•	Structural Steel	Wide Flanges & WT	ASTM A992, Grade 50
		HSS Sections	ASTM A500, Grade C
		Other (channels, angles)	ASTM A36

Geotechnical Report

A geotechnical report is not available for the site but based on the existing drawings shallow foundations were utilized, which is our basis for the proposed foundations.

Date of Issue: September 26, 2022

www.lafp.com Page 1 of 2

Dallas: 3333 Lee Pkwy 214.871.7010

Ste 810, Boston MA 02110 Ste 115, Austin TX 78759 617.948.5700

Boston: 211 Congress St | Austin: 8200 N. Mopac Expy 512.505.8722

STRUCTURAL SYSTEMS

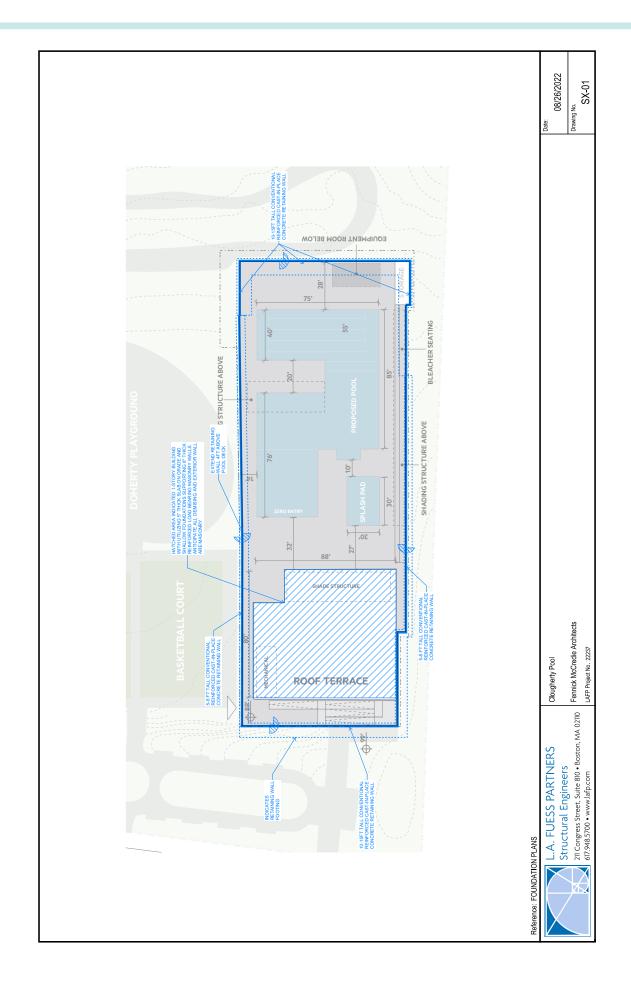
See the attached plans outlining the proposed foundation and building framing.

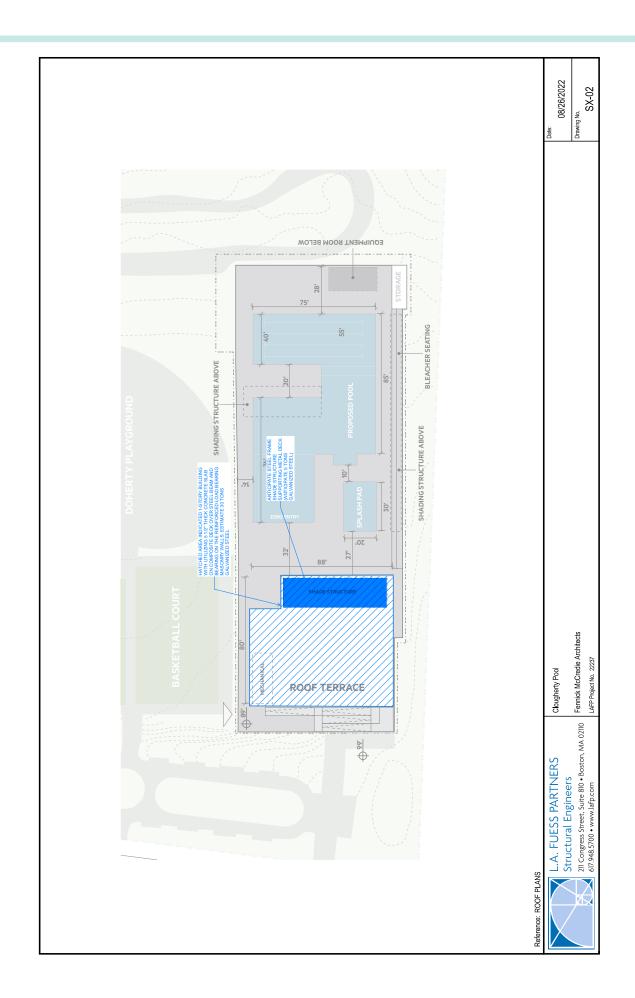
Structural Testing and Inspection

A qualified Structural Testing/Inspection Agency will be needed to perform special inspections and testing during the construction of this development in accordance with Chapter 17 of the Building Code to verify that work conforms to the Construction Documents.

FIGURES

SEE ATTACHED SX-01 AND SX-02





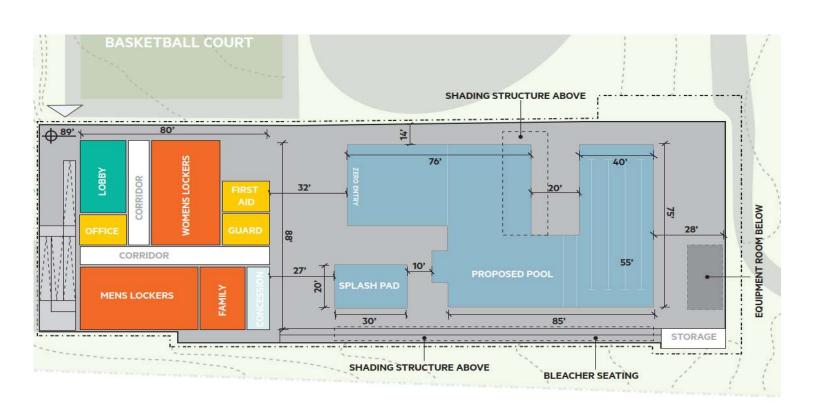
cost estimate



Clougherty Pool New Swimming Pool and Bathhouse 331 Bunker Hill Road Boston, MA

August 30, 2022

Conceptual Estimate



Architect:

Fennick McCredie Architecture 70 Franklin Street Boston, MA 02210 (617) 350-7900

Cost Consultant:

CHA Consulting, Inc.
One Washington Mall
Suite 1500
Boston, MA 02108
(617) 451-2717



Clougherty Pool
New Swimming Pool and Bathhouse
Boston, MA

INTRODUCTION

Project Description:

Construction of new swimming pools and bathhouse; demolition of existing

New bathhouse facilities:

Concrete foundations, slab on grade, CMU framed structure, concrete roof

Brick exterior siding over CMU structure & metal window system at addition building enclosure

New program fitout includes restrooms, showers, changing rooms, concessions, and offices

New Support Building:

New 200sf of storage building

Pool Program and Sitework:

New 7,000sf Lap Pool & 600sf Splash & Wading Pool

Project Particulars:

Documents received from Fennick McCredie Architecture

Clougherty Pool Feasibility Layout dated August 25, 2022

Detailed quantity takeoff from these documents where possible

Discussion, review and reconciliation with Fennick McCredie Architecture and their Design Team

CHA Consulting projects, Inc. experience with similar projects of this nature

Project Assumptions:

Project will be managed by a Construction Manager under a General Contractor Contract M.G.L. Ch. 149A It has been assumed that no less than 4 bids will be received. Bids can be expected to be significantly higher if fewer bids are received

No occupancy of the project zone during construction

Operation during normal business hours

The Total Estimated Construction Cost reflects the fair construction value of this project in a competitive prevailing wage bidding market

Unit rates are based on current dollars and main summary includes an escalation allowance

Subcontractor's markups have been included in each unit rate. Markups cover the cost of field overhead, home office, overhead and subcontractor's profit

Design and Pricing Contingency markup is an allowance for unforeseen design issues, design detail development specification expansion during the design period.

General Conditions and Project Requirements includes items from Div. 01 General Requirements, staffing, general facilities to support project, scaffolding, staging and access, temporary protection, cleaning, and other items not attributable to the direct trade cost

Start of construction assumed Spring 2024



Clougherty Pool
New Swimming Pool and Bathhouse
Boston, MA

Construction Cost Estimate Exclusions:

Environmental permitting

Architectural/Engineering; Design fees and other professional fees, testing, printing, surveying, site investigations

Unforeseen Conditions Contingency

Owner's site representation and project administration

Owner's administration; legal fees, advertising, permitting, Owner's insurance, administration, interest expense Third Party testing and commissioning

Project costs; utility company back charges prior to construction, construction of swing space and temporary facilities, program related phasing, relocation

Equipment, Furnishings, Specialties beyond what is noted in design package. Note that these costs should be carried in Owner's Budget

Work beyond the boundary of the site, except for water and sewer lines from the park entrance to the site Police details and street/sidewalk permits



MAIN SUMMARY

New Swimming Pool and Bathhouse

			TOTAL
Direct Trade Cost Details			
Bathhouse		7,400 GSF	\$5,749,09
Sitework		7,100 00.	\$2,862,27
Swimming Pool Program (W&S Estimate)			\$4,361,33
	_		
Direct Trade Cost SubTotal		7,400 GSF	\$12,972,70
Design and Pricing Contingency	10.00%	\$12,972,701	\$1,298,00
Direct Trade Cost Total			\$14,270,70
Burdens and Markups			
General Conditions and Project Requirements	10.00%	\$14,270,701	\$1,428,00
Insurances and Bonds	2.30%	\$15,698,701	\$362,00
Fee	5.00%	\$16,060,701	\$804,0
Estimated Construction Cost Total		_	\$16,864,70
Escalation to midpoint of construction (Winter 2024)	7.33%	\$16,864,701	\$1,237,0
			\$18,101,7



DIRECT TRADE COST SUMMARY

New Swimming Pool and Bathhouse

	BATHH 7,400		POOL &	TOTAL
	TOTAL COST/GSF		SITEWORK	1017.2
02-EXISTING CONDITIONS			\$1,784,750	\$1,784,750
03-CONCRETE	\$1,181,631	\$159.68		\$1,181,631
04-MASONRY	\$584,735	\$79.02		\$584,735
05-METALS	\$169,977	\$22.97		\$169,977
06-WOOD AND PLASTICS	\$167,551	\$22.64		\$167,551
07-THERMAL AND MOISTURE PROTECTION	\$552,660	\$74.68		\$552,660
08-DOORS AND WINDOWS	\$249,907	\$33.77		\$249,907
09-FINISHES	\$935,733	\$126.45		\$935,733
10-SPECIALTIES	\$319,670	\$43.20		\$319,670
12-FURNISHINGS	\$22,803	\$3.08		\$22,803
13-SPECIAL CONSTRUCTION			\$4,361,334	\$4,361,334
21 00 00 Fire Protection	\$65,510	\$8.85		
22 00 00 Plumbing	\$340,250	\$45.98		\$340,250
23 00 00 HVAC	\$396,630	\$53.60		\$396,630
26 00 00 Electrical	\$385,600	\$52.11	\$257,000	\$642,600
31-EARTHWORK	\$376,434	\$50.87	\$218,646	\$595,080
32-EXTERIOR IMPROVEMENTS			\$417,380	\$417,380
33-MECHANICAL UTILITIES			\$184,500	\$184,500
Direct Trade Cost Subtotal	\$5,749,091	\$776.90	\$7,223,610	\$12,907,191



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
10	02-EXISTING CONDITIONS				
11					
12	Demo Included In Sitework			_	
13	02-Existing Conditions Total				\$0
14					
15					
16	03-CONCRETE				
17					
18	03 30 00 Cast In Place Concrete	4.070			
19	Strip footing; perimeter - bath house; equipment room	1,253	LF OV	* 405.00	007.044
20	Concrete	146	CY	\$185.00	\$27,044
21	Rebar	8,771	LBS	\$1.55	\$13,595
22	Formwork	2,506	SF	\$12.00	\$30,072
23	Place and finish	146	CY	\$85.00	\$12,426
24	Keyways	1,253	LF	\$2.50	\$3,133
25	Spread footings; Assume F6 - bath house; equipment room	36	EA	# 405.00	# 40.000
26	Concrete	76	CY	\$185.00	\$13,986
27	Rebar	6,426	LBS	\$1.55	\$9,960
28	Formwork	1,296	SF	\$12.00	\$15,552
29	Place and finish	76	CY	\$85.00	\$6,426
30	Spread footings - suspended slab circulation around pool	76 279	<i>EA</i> CY	\$185.00	ተ ራሲ ሲያያ
31	Concrete	378 32.456		•	\$69,988 \$40,843
32	Rebar	32,156	LBS	\$1.55	\$49,842
33	Formwork	4,864	SF	\$12.00	\$58,368 \$33,456
34	Place and finish Foundation walls; Assume 12" thick x4'-0" high - bath house;	378	CY	\$85.00	\$32,156
35	equipment room	5,012	SF		
36	Concrete	195	CY	\$185.00	\$36,059
37	Rebar	25,060	LBS	\$1.55	\$38,843
38	Formwork	10,024	SF	\$16.00	\$160,384
39	Place and finish	195	CY	\$85.00	\$16,567
40	Pier/pilaster	112	EA	\$500.00	\$56,000
41	Column base plate install	112	EA	\$275.00	\$30,800
42	Retaining walls; Assume 18" thick x6'-0" high avg - pool deck	4,925	SF		
43	Concrete	287	CY	\$185.00	\$53,151
44	Rebar	49,252	LBS	\$1.55	\$76,340
45	Formwork	9,850	SF	\$16.00	\$157,605
46	Place and finish	287	CY	\$85.00	\$24,421
47	Slab-on-grade 5" - bath house; equipment room	7,326	SF		
48	Concrete	120	CY	\$185.00	\$22,136
49	WWF -10% overlap	8,058	SF	\$0.75	\$6,044
50	Place, cure, screed and protect	7,326	SF	\$2.50	\$18,314
51	Slab edge	1,253	SF	\$10.00	\$12,530



Clougherty Pool Bathhouse Building 7,400 GSF

					7,400 GSF
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
52	Vapor barrier under slab	7,326	SF	\$0.75	\$5,494
53	4" insulation below slab on grade at condition spaces; assume full coverage	7,326	SF	\$2.25	\$16,483
54	Circulation; SOG & stairs around bath house	2,514	SF	\$11.93	\$29,983
55	Miscellaneous				
56	Concrete pads and bases	1	LS	\$3,500.00	\$3,500
57	Slab isolation joints around columns	896	LF	\$5.50	\$4,928
5 8	Slab control joints - saw cut	7,326	SF	\$2.50	\$18,314
59	Slab perimeter joints	1,253	LF	\$4.50	\$5,639
60	Concrete accessories	1	LS	\$34,000.00	\$34,000
61	Roof Structure - Concrete				
62	Reinforced concrete beams, columns and suspended slab in concrete framed construction				
63	Bath house	6,875	SF	\$76.94	\$528,948
64	Storage Building	257	SF	\$71.19	\$18,299
65	Equipment Room	451	SF	\$71.19	\$32,098
66	Circulation; suspended concrete platform around pools	10,975	SF	\$78.94	\$866,339
67	Bleachers, suspended	1,092	SF	\$78.94	\$86,181
68	Deduct for Pool Structrue Concrete	(1)	ADJ	\$1,520,315	(\$1,520,315)
69	03-Concrete Total			_	\$1,181,631
70					
71					
72	04-MASONRY				
73					
74	Exterior Closure				
75	Exterior wall assembly; Brick with CMU backup				
76	Bath house	3,203	SF	\$80.00	\$256,253
77	Storage building	721	SF	\$80.00	\$57,663
78	Equipment building	890	SF	\$80.00	\$71,190
79	Stone sill	240	LF	\$95.00	\$22,844
80	Scaffolding	6,065	SF	\$3.50	\$21,228
81	Interior Partitions				
82	8" CMU interior partitions - Bath house	4,617	SF	\$32.25	\$148,898
83	Interior door lintel - install only	7,400	GSF	\$0.90	\$6,660
84	04-Masonry Total			-	\$584,735
85					



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
87	05-METALS				
88					
89	Bath house; framing to mechanical enclosure	882	SF	\$45.00	\$39,690
90	Bleachers; framing to shade structure PV	886	SF	\$45.00	\$39,868
91	Pool; framing to shade structure PV	924	SF	\$45.00	\$41,564
92	Miscellaneous metals for exterior enclosure	4,814	SF	\$4.00	\$19,255
93	Interior & Exterior door lintel - furnish only	7,400	GSF	\$1.00	\$7,400
94	Miscellaneous interior metals	7,400	GSF	\$3.00 _	\$22,200
95	05-Metals Total				\$169,977
96					
97					
98	06-WOOD AND PLASTICS				
99					
100	Rough Carpentry				
101	Window blocking	938	LF	\$15.00	\$14,076
102	Plywood for electrical panel	1	LS	\$400.00	\$400
103	Rough carpentry & blocking internally	7,400	GSF	\$1.50	\$11,100
104	Install door & frame	7,400	GSF	\$1.20	\$8,880
105	Interior Architectural Woodwork				
106	Seating bench at Lobby	642	GSF	\$8.00	\$5,135
107	Stainless steel countertop and shelving ; Concession	500	GSF	\$30.00	\$15,000
108	Millwork; Office, First Aid; Guard	660	GSF	\$16.00	\$10,560
109	Men's, Women's, Family, bathroom; solid surface counter/vanity	3,450	GSF	\$21.00	\$72,450
110	Men's, Women's, Family, bathroom; benches	3,450	GSF	\$6.00	\$20,700
111	Reception millwork	7,400	GSF	\$1.25 _	\$9,250
112	06-Wood And Plastics Total				\$167,551



Clougherty Pool Bathhouse Building 7,400 GSF

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
	QUARTITI	Oltil	Oltif CCC1	TOTAL
07-THERMAL AND MOISTURE PROTECTION				
Waterproofing, Dampproofing and Caulking				
Dampproofing to frost walls	7,518	SF	\$3.50	\$26,31
Caulking and sealants	7,400	GSF	\$3.50	\$25,90
Roofing & Flashing				
Roof sheathing underlayment x2 layers	7,583	SF	\$7.50	\$56,87
Roof cover board	7,583	SF	\$3.70	\$28,05
Roof blocking	1,011	LF	\$20.00	\$20,21
PVC roofing system, 6" rigid insul.	7,583	SF	\$26.00	\$197,15
Misc. roof flashing	1	AL	\$15,000.00	\$15,00
Walkway pads; allow	1	AL	\$400.00	\$40
Green Roof	7,183	SF	\$20.00	\$143,65
Thermal Insulation				
Rigid insulation to foundation wall	5,012	SF	\$2.50	\$12,53
Insulation at exterior wall	4,814	SF	\$3.50	\$16,84
Vapor barrier at exterior wall	4,814	SF	\$1.25	\$6,0
Firestopping				
Through floor penetration firestopping & fire resistive joints	7,400	GSF	\$0.50	\$3,70
07-Thermal And Moisture Protection Total			_	\$552,66
08-DOORS AND WINDOWS				
Exterior door				
Door, frame, hardware	7,400	GSF	\$4.50	\$33,30
Interior door				
Door, frame, hardware	7,400	GSF	\$8.40	\$62,16
Metal Windows				
Aluminum and glass window system				
Bath house	801	SF	\$135.00	\$108,10
Storage building	72	SF	\$135.00	\$9,73
Equipment building	89	SF	\$135.00	\$12,01
Louvers				
Bath house	96	SF	\$85.00	\$8,16
Storage building	86	SF	\$85.00	\$7,35
Equipment building	107	SF	\$85.00	\$9,07
— 1 ··· 1 ··· · · · · · · · · · · · · ·				



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
156	09-FINISHES				
157					
158	Tile				
159	Floor tiles throughout; Bath house	7,400	SF	\$35.00	\$259,000
160	Wall tiles throughout; Bath house	13,000	SF	\$33.00	\$429,000
161	Tile wall base; Bath house	1,083	LF	\$15.00	\$16,249
162	Marble thresholds @ bathrooms; Bath house	10	OPEN	\$350.00	\$3,500
163	Resinous Flooring				
164	Seamless poured epoxy flooring; Storage Building, Equipment Room	650	SF	\$12.00	\$7,800
165	Seamless poured epoxy base	164	LF	\$6.00	\$983
166	Seamless poured epoxy to concrete surfaces				
167	Circulation SOG & stairs around Bath house	2,514	SF	\$12.00	\$30,166
168	Circulation suspended concrete platform around Pools	10,975	SF	\$12.00	\$131,696
169	Bleachers	1,092	SF	\$12.00	\$13,101
170	Painting				
171	CMU walls; Storage Building, Equipment Room	1,965	SF	\$1.75	\$3,439
172	Ceiling finishes, underside of structure, water resistant paint quality to concrete; throughout	7,400	SF	\$4.50	\$33,300
173	Miscellaneous painting	1	LS	\$7,500.00	\$7,500
174	09-Finishes Total			_	\$935,733
175					



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
177	10-SPECIALTIES				
178					
179	Signage				
180	Exterior signage	1	LS	\$7,500.00	\$7,500
181	Interior signage	7,400	GSF	\$1.00	\$7,400
182	Toilet Accessories				
183	Toilet & shower accessories; Men's bathroom	1,500	GSF	\$8.00	\$12,000
184	Toilet \$ shower accessories; Women's bathroom	1,500	GSF	\$8.00	\$12,000
185	Toilet & shower accessories; Family's bathroom	450	GSF	\$8.00	\$3,600
186	Premium for ADA compliant	3,450	GSF	\$2.00	\$6,900
187	Toilet & Bath Compartments				
188	Toilet compartment; Men's bathroom	5	EA	\$2,000.00	\$10,000
189	Toilet compartment; Women's bathroom	7	EA	\$2,000.00	\$14,000
190	Urinal; Men's bathroom	2	EA	\$1,550.00	\$3,100
191	Shower stalls; Men's bathroom	7	EA	\$2,850.00	\$19,950
192	Shower stalls; Women's bathroom	7	EA	\$2,850.00	\$19,950
193	Shower stalls; Family bathrooms	3	EA	\$2,850.00	\$8,550
194	Premium for ADA compliant	6	EA	\$800.00	\$4,800
195	Fire extinguisher cabinets	4	EA	\$500.00	\$2,000
196	Men's, Women's, Family, Lifeguard; multi-tier personal solid plastic lock	3,750	GSF	\$36.00	\$135,000
197	10 82 00 Equipment Screens				
198	Metal roof screen	882	SF	\$60.00	\$52,920
199	10-Specialties Total			_	\$319,670
200					
201					
202	12-FURNISHINGS				
203					
204	Office and Guard FF&E	330	GSF	\$60.61	\$20,000
205	Roller shades; exterior glazing	400	SF	\$7.00	\$2,803
206	12-Furnishings Total			-	\$22,803
207					



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
209	21, 22, 23 - MECHANICAL				
210					
211	21 00 00 Fire Protection				
	Plumbing Equipment				
213	Wet sprinkler system	7,400	GSF	\$6.25	\$46,250
214	Missallanasus				
215		7 400	CCE		#4.050
216	System testing and flushing	7,400	GSF	\$0.25	\$1,850 \$2,220
217	Coring, cutting, sleeves & fire stopping	7,400	GSF	\$0.30	\$2,220
218	Hydraulic lifts/rigging	7,400	GSF	\$0.25	\$1,850 \$5,550
219	Shop drawings / BIM / ENG Support / As-Built	7,400	GSF	\$0.75	\$5,550
220	Commissioning support	7,400	GSF	\$0.85	\$6,290
221	Fees & permits	1	LS	\$1,500.00	\$1,500
	21 00 00 Fire Protection Total				\$65,510
223	22 00 00 Blumbing				
225	22 00 00 Plumbing Plumbing Equipment				
226	4" Water service w/Meter Assembly	1	EA	\$8,500.00	\$8,500
227	1" Reduced Pressure Zone Backflow Preventer	1	EA	\$2,500.00	\$2,500
228	DWH (12 kW Electric Heat Pump Water Heater)	4	EA	\$4,500.00	\$18,000
229	DWH (6.5 kW Electric Tankless Water Heater)	3	EA	\$3,500.00	\$10,500
230	DWHR-1 (Hot water circulator pump assembly)	7	EA	\$1,500.00	\$10,500
231	Floor drains; 4"	14	EA	\$650.00	\$9,100
232	Wall hydrant	2	EA	\$425.00	\$850
233	Hose bibb	8	EA	\$375.00	\$3,000
234	Roof drain	8	EA	\$950.00	\$7,600
235	New integral roof drains	1	AL	\$5,000.00	\$5,000
	Plumbing Fixtures	•	/ \L	ψο,σσσ.σσ	ψ0,000
237	Water closet	14	EA	\$1,850.00	\$25,900
238	Shower	14	EA	\$2,250.00	\$31,500
239	Shower / ADA	3	EA	\$2,750.00	\$8,250
240	Lavatory	15	EA	\$1,900.00	\$28,500
241	Urinal	4	EA	\$1,900.00	\$7,600
242	Mop sink w/ rack	1	EA	\$1,450.00	\$1,450
243	Water cooler; Bi Level	1	EA	\$3,050.00	\$3,050
244	Stainless steel sink; concession	1	EA	\$3,200.00	\$3,200
245	Domestic water piping	7,400	GSF	\$6.50	\$48,100
246	Valves & accessories	7,400	GSF	\$1.25	\$9,250
247	Storm drainage, hubless cast iron pipe	7,400	GSF	\$2.25	\$16,650
248	Sanitary house trap	1	EA	\$1,600.00	\$1,600
249	Sanitary waste and vent pipe w/ hangers	7,400	GSF	\$5.50	\$40,700
250	Domestic water to pool equipment room	1	LS	\$7,500.00	\$7,500
251	· · ·				
Classal	porty Pool Concept Estimate August 2022				Pathhausa Dataila



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
252	Miscellaneous				
253	System testing and flushing	7,400	GSF	\$0.25	\$1,850
254	Coring, cutting, sleeves & fire stopping	7,400	GSF	\$0.30	\$2,220
255	Seismic restraints and structural steel Comp.	7,400	GSF	\$0.50	\$3,700
256	Hydraulic lifts/rigging	7,400	GSF	\$0.50	\$3,700
257	Shop drawings / BIM / ENG Support / As-Built	7,400	GSF	\$0.90	\$6,660
258	Commissioning support	7,400	GSF	\$0.90	\$6,660
259	Fees & permits	7,400	GSF	\$0.90 _	\$6,660
260	22 00 00 Plumbing Total				\$340,250
261					
262	23 00 00 HVAC				
263	VRF 1-6; 1400cfm ea	6	EA	\$1,200.00	\$7,200
264	VRF Condenser; 22 ton total Outdoor Heat Pump	4	EA	\$27,720.00	\$110,880
265	Refrigerant piping	7,400	GSF	\$4.50	\$33,300
266	ERV; Energy Recovery Ventilator	1	LS	\$20,000.00	\$20,000
267	Cabinet unit heater	2	EA	\$1,500.00	\$3,000
268	Exhaust Fan	9	EA	\$1,500.00	\$13,500
269	Sheet Metal				
270	Insulated galvanized Sheetmetal ductwork	6,600	LBS	\$18.00	\$118,800
271	Roof top relief dampers	2	EA	\$500.00	\$1,000
272	Exhaust louvers	6	EA	\$750.00	\$4,500
273	Supply & Return Grilles	30	EA	\$450.00	\$13,500
274	Miscellaneous				
275	Building BMS	7,400	GSF	\$5.00	\$37,000
276	Demolition work	1	LS	\$2,500.00	\$2,500
277	System testing and flushing	7,400	GSF	\$0.25	\$1,850
278	Coring, cutting, sleeves & fire stopping	7,400	GSF	\$0.30	\$2,220
279	Seismic Restraints and Structural Steel Comp.	7,400	GSF	\$0.50	\$3,700
280	Hydraulic lifts/rigging	7,400	GSF	\$0.50	\$3,700
281	Shop drawings / BIM / ENG Support / As-Built	7,400	GSF	\$0.90	\$6,660
282	Commissioning support	7,400	GSF	\$0.90	\$6,660
283	Fees & permits	7,400	GSF	\$0.90	\$6,660
284	23 00 00 HVAC Total				\$396,630



Clougherty Pool Bathhouse Building 7,400 GSF

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
22 22 21 EATBIOM COM				
287 26 - 27-ELECTRICAL, COMMUNICATION				
288				
289 26 00 00 Electrical 290 <i>Normal power</i>				
290 Normal power291 MDP; 800 AMP assumed	1	EA	\$15,000.00	\$15,000
292 LP1; 200 AMP assumed	1	EA	\$3,500.00	\$13,000
293 PP1; 400 AMP assumed	1	EA	\$6,500.00	\$5,500 \$6,500
294 Power Distribution; conduit & wire	7,400	GSF	\$0,300.00 \$7.50	\$55,500
	7,400	GSF	φ1.50	φ55,500
295 Equipment wiring: 296 Exhaust fan	9	EA	\$350.00	¢2 150
	7	EA	\$400.00	\$3,150 \$2,800
297 Hot water circulator pump298 Hand dryer feed and connection	7	EA	·	
•			\$350.00	\$2,450 \$7,400
299 Misc. equipment feed and connections	7,400	GSF	\$1.00	\$7,400
300 Misc. equipment wiring not yet defined301 Lighting & controls	7,400	GSF	\$2.50	\$18,500
	7 400	CSE	¢10.00	¢74.000
3 3 7 3	7,400	GSF GSF	\$10.00	\$74,000 \$14,800
3 3	7,400	GSF	\$2.00	\$14,800
304 Branch devices	7 400	CCE	¢ 2 ጋር	\$24.050
305 Duplex receptacle	7,400	GSF	\$3.25	\$24,050
306 WP device plate	6	EA	\$350.00	\$2,100
307 Branch circuitry	7 400	005	#4.50	#44.400
Lighting & branch circuitry	7,400	GSF	\$1.50	\$11,100
309 Fire alarm system	7 400	005	ΦΕ 00	407.000
310 Fire alarm system	7,400	GSF	\$5.00	\$37,000
311 Telecommunications	7,400	GSF	\$2.00	\$14,800
312 Security Systems		00=	**	* 4 * * * * *
313 Control panel, devices and circuitry	7,400	GSF	\$2.50	\$18,500
314 Miscellaneous		00=	**	40 -00
315 Temporary lighting & power	7,400	GSF	\$0.50	\$3,700
316 Demolition work	1	LS	\$5,000.00	\$5,000
317 Solar Panels			4== 000 00	4== 000
318 Solar Panel System	1	AL	\$55,000.00	\$55,000
319				
320 Shop drawings / BIM / ENG Support / As-Built	7,400	GSF	\$0.50	\$3,700
321 Commissioning support	7,400	GSF	\$0.75	\$5,550
322 Fees & permits	1	LS	\$1,500.00	\$1,500
323 26 00 00 Electrical Total				\$385,600
324				



Clougherty Pool Bathhouse Building 7,400 GSF

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
326	31-EARTHWORK				
327					
328	31 00 00 Earthwork				
329	Rough and fine grade for new slab	9,840	SF	\$2.00	\$19,679
330	Gravel below slab; bath house, Equipment room	271	CY	\$38.00	\$10,310
331	Gravel below slab; circulation; SOG & stairs around bath house	93	CY	\$38.00	\$3,538
332	Perimeter drain system	1,253	LF	\$16.00	\$20,048
333	Underslab drainage	9,840	SF	\$4.00	\$39,358
334	Dewatering during construction	1	LS	\$10,000.00	\$10,000
335	Continuous footings	1,253	LF		
336	Excavation	1,299	CY	\$12.00	\$15,593
337	Soil remove	1,299	CY	\$30.00	\$38,982
338	Backfill with imported fill	1,153	CY	\$45.00	\$51,895
339	Spread footings	112	EA		
340	Excavation	2,155	CY	\$12.00	\$25,856
341	Soil remove	2,155	CY	\$30.00	\$64,640
342	Backfill with imported fill	1,701	CY	\$45.00	\$76,534
343	31-Earthwork Total				\$376,434
344					
345					
346					



SITE DEVELOPMENT DIRECT TRADE COST DETAILS

Clougherty Pool Sitework

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
0	02 EVISTING CONDITIONS	_			
8 9	02-EXISTING CONDITIONS				
9 10	Abatement				
11	Abatement of hazardous materials	15,000	GSF	\$12.00	\$180,000
12	Disposal of hazardous materials	15,000	GSF	\$8.00	\$120,000
13	Total Demolition	10,000	001	ψο.σσ	Ψ120,000
14	Demo pool structure in entirety	28,000	GSF	\$35.00	\$980,000
15	Demo bathhouse structure in entirety	15,000	GSF	\$20.00	\$300,000
16	Selective Demolition	10,000	00.	Ψ20.00	φοσο,σσο
7	Existing entrance stairs	1,800	SF	\$25.00	\$45,000
8	Demo existing entrance walkway	2,000	SF	\$3.25	\$6,500
9	Sawcut existing pavement	250	LF	\$12.00	\$3,000
0	Curbing	250	LF	\$7.00	\$1,750
1	Fence	675	LF	\$20.00	\$13,500
2	Miscellaneous site demolition	1	AL	\$50,000.00	\$50,000
3	Haul off demolished materials, disposal	1	LS	\$70,000.00	\$70,000
4	Protect existing element to remain	1	LS	\$15,000.00	\$15,000
5	02-Existing Conditions Total			_	\$1,784,750
6	•				, , , , , , ,
7					
8	13-SPECIAL CONSTRUCTION				
9					
30	Swimming Pools (W&S Provided)				
1	Pool construction; lap pool 7,000sf & splash pool; 600 sf	1	QUOTE	\$2,841,019	\$2,841,019
2	Pool Structure Concrete	1	ADJ	\$1,520,315	\$1,520,315
33	13-Special Construction Total			_	\$4,361,334
34					
35					
36	31-EARTHWORK				
7		-			
88	Site Preparation & Clearing				
39	8' construction fence	1,200	LF	\$16.00	\$19,200
10	Double construction gate	2	EA	\$2,500.00	\$5,000
41	Stabilized construction entrance	2	LS	\$7,500.00	\$15,000
42	Site clearing and grubbing; misc.	1	LS	\$7,500.00	\$7,500
13	Existing tree to remain - protect	10	EA	\$350.00	\$3,500
14	Temporary signs	1	LS	\$5,000.00	\$5,000
15	Erosion and Sedimentation Controls				
16	Erosion control fence	1,200	LF	\$16.00	\$19,200
47	Inlet protection	12	EA	\$350.00	\$4,200
48	Haybales at stockpile topsoil areas	1	AL	\$3,500.00	\$3,500
49	Earthwork				



SITE DEVELOPMENT DIRECT TRADE COST DETAILS

Clougherty Pool Sitework

				1	
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
5 0	Domovo 9 stocknilo toposili sesuma 6" thist	50	CY	\$25.00	04.050
50	Remove & stockpile topsoil; assume 6" thick	50		•	\$1,250
51	Cuts and fills under structure footprint	1,185	CY	\$65.00	\$77,037 \$40,350
52	Cuts and fills - site grade	296	CY	\$65.00	\$19,259
53	Rough and fine grade of sitework	32,000	SF	\$0.75	\$24,000 \$15,000
54	Dewatering 31-Earthwork Total	1	LS	\$15,000.00	\$15,000
55 56	31-Earthwork Total				\$218,646
56 57					
58	32-EXTERIOR IMPROVEMENTS				
59	32-EXTERIOR IMIT ROVEMENTS				
60	Bituminous Asphalt Pavement				
61	Asphalt pavement; trench pave	2,000	SF	\$4.20	\$8,400
62	Curbing	_,000	-	Ų <u>_</u> 5	ψο, του
63	Vertical granite curb	150	LF	\$65.00	\$9,750
64	Markings & Signage			,	, , , , ,
65	Wayfinding signage	6	EA	\$750.00	\$4,500
66	Misc. Markings Allowance	1	AL	\$5,000.00	\$5,000
67	Traffic sign	1	LS	\$5,000.00	\$5,000
68	Site Furnishings				
69	Picnic table and 4-chairs	6	SET	\$5,500.00	\$33,000
70	Pool deck chair	20	EA	\$650.00	\$13,000
71	Bike racks	1	LS	\$3,500.00	\$3,500
72	Trash/recycle receptacles	10	LS	\$2,400.00	\$24,000
73	Flagpole	1	EA	\$8,500.00	\$8,500
74	Bench	10	LS	\$4,500.00	\$45,000
75	Fence & Railings				
76	Fence; assume 6' metal picket fence	850	LF	\$125.00	\$106,250
77	Double gate	3	PR	\$1,500.00	\$4,500
78	Misc. site improvement other than above	1	LS	\$50,000.00	\$50,000
79	Topsoil				
80	Respread stockpiled topsoil	50	CY	\$15.00	\$750
81	Mulch	68	CY	\$45.00	\$3,060
82	Imported topsoil for plant bed and drainage swale	418	CY	\$65.00	\$27,170
83	Lawn seed	10,000	SF	\$0.35	\$3,500
84	Plantings				
85	Deciduous Tree	10	EA	\$2,500.00	\$25,000
86	Evergreen Tree	10	EA	\$1,500.00	\$15,000
87	Shrubs	150	EA	\$150.00	\$22,500
88	32-Exterior Improvements Total				\$417,380
89					
90					



SITE DEVELOPMENT DIRECT TRADE COST DETAILS

Clougherty Pool Sitework

	DESCRIPTION	OHANTITY!	LINUT	LINUT COOT	TOTAL
	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
04	22 MECHANICAL LITH ITIES				
91	33-MECHANICAL UTILITIES				
92 93	Water Distribution				
94		300	LF	\$65.00	\$19,500
95	2" Copper domestic water; Assumed Street connection	300 1	LF LS	\$65.00 \$12,500.00	\$19,500 \$12,500
96	Sanitary Sewerage	•	LO	φ 12,300.00	φ12,500
97	Sanitary Structures	1	AL	\$15,000.00	\$15,000
98	8" PVC Sanitary; Assumed	500	LF	\$15,000.00	\$13,000
99	Street connection	1	LS	\$93.00 \$12,500.00	\$47,500 \$12,500
100	Storm Drainage	•	LO	φ12,300.00	φ12,300
101	Drain Manhole (4' dia.)	3	EA	\$4,500.00	\$13,500
102	Area drain, pool deck	10	EA	\$2,500.00	\$25,000
102	Connection to Existing	2	EA	\$4,500.00	\$9,000
104	6" PVC roof drain	100	LF	\$45.00	\$4,500
105	12" HDPE drain line	300	LF	\$85.00	\$25,500
106		223			\$184,500
107	Total				ψ10-1,000
108					
109	33-ELECTICAL UTILITIES	1			
110					
111	Electrical Utilities				
112	Site electrical demo	1	LS	\$15,000.00	\$15,000
113	Power riser (1-5")	1	EA	\$2,000.00	\$2,000
114	Primary duct bank	200	LF	\$100.00	\$20,000
115	Pad mount transformer, By Utility Co, pad only	1	EA	\$2,500.00	\$2,500
116	Secondary duct bank	150	LF	\$200.00	\$30,000
117	Electrical Utilities (Pool)				
118	Power riser (1-5")	1	EA	\$2,000.00	\$2,000
119	Secondary duct bank	500	LF	\$200.00	\$100,000
120	Fire Alarm Duct bank and Service:				
121	Pole riser	1	EA	\$1,000.00	\$1,000
122	Fire alarm service conduit w/IMSA cable	50	LF	\$25.00	\$1,250
123	1" Fire alarm conduit	250	LF	\$12.00	\$1,500
124	Telecommunications:				
125	Communications riser	1	EA	\$2,500.00	\$2,500
126	2"C conduit to pump rooms	350	LF	\$45.00	\$15,750
127	Site Lighting				
128	Single head pole light fixture	10	EA	\$4,500.00	\$45,000
129	Lighting circuitry	1,000	LF	\$15.00	\$15,000
130	Pole base	10	EA	\$350.00	\$3,500
131	Electrical Utilities Total			_	\$257,000
132					
0 1	hanta David Camanant Fatimata Assessat 0000				

Appendix

How many occupants would the city permit in the facility at one time?	480+Staff = 500 total
Historically, what has been the maximum one time capacity at this facility (in the last 10 years)	150
What programs are intended to be offered at the pool?	If Summer Pool, Recreation Swim & Lap Swim. If 3 season/year round Pool, Recreation Swim, Lap Swim, Swim lessons, Swim Team, Water Exercise
What programs have been offered at the pool?	Recreation Swim & Lap Swim
What programs would like to be provided at this facility, but can't due to the current facility configuration?	Swim lessons, Swim Team, Water Exercise.
Do camps operate from this pool, or intend to be in the future?	Currently No, Future if possible.
What is the demographics of the neighborhood?	http://www.bostonplans.org/getattachment/86f801a8-f8a6-4d0c-83ed- b9a63684d6b5 http://www.bostonplans.org/research/research-publications
What is the target age group?	Infant - Senior Citizen
Will there be competition swimming at this facility?	If the pool operates more than just summer, YES
Would there be any push back if (6) swim lanes were not provided?	As long as there are some swim lanes, I don't believe so.
Has there been any feedback from the neighborhood as to what they would like to see in the facility?	Not yet. Community feedback will likely be solicited in phase II of the study or during the design phase.
Is there any features the City would NOT want incorporated into this facility?	Diving boards and slides.
Will the city operate beyond the 12 week standard season?	Phase I should assume a 12 week season. Phase II of the study will look at a 3/4 season enclosure.
Does the pool want the pools heated?	If open more than just summer.
Does the city wany a zero entry (beach entry?)	This would be ideal as it would make the pool more of a family destination like the beach. Would be great for training beach lifeguards

	
Do we have to follow the rectangle?	no but need to stay within the approximate parcel outline at https://www.cityofboston.gov/assessing/search/?q=0201503000 and cannot extend any further into the historically significant lower portion of the park.
Are there any LEED qualifications required?	A new pool and pool house would need to meet LEED Silver. A new pool and pool house should also meet the COB NZC requirements if technically and financially feasible.
When is the proposed construction start date?	For cost estimating purposes assume that the construction start date for a new pool and pool house would likely be spring of 2024.
Is there a desire to have a slide at this facility?	My feeling is NO
Will there be night swimming?	If pool is open more than just summer, YES
Is the city interested in having gender neutral approach to the bathhouse	Stick to traditional Male, Female, and Family
or should we consider a more conventional approach of women, men, and family lockers?	I'm not sure what the total fixture count requirement vs. sq ft requirements are for the bath house but I did want to mention that if there is room, having a unisex single stall restroom labeled "family" accessible to from a common area has been helpful in some of our other BCYF and BPL facilities as it meets both the needs of families with small children and provides a secure gender neutral restroom at the same time

