

# AQUATIC SOLUTIONS HAWAII

## PROJECT RESUME



**Aquatic Solutions**  
Hawaii  
*The Islands' Pool Specialists*

**Prepared By:**

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
Honolulu, HI 96825

**(702) 403-5600**  
**Steve Maratta,**  
Owner

Contractor's License  
#ABC32723 GC  
plus Swimming Pools

## ABOUT US

# Licensed contractor with a specialty in swimming pool design and construction

Aquatic Solutions Hawaii LLC is an ABC Licensed Contractor with a specialty in custom swimming pool design and construction. Owner Steve Maratta has over 40 years of experience ranging from residential builds and renovations to new, luxury resort pool restoration and construction including complex Water Features.

**40+**

Years of experience

**150+**

Satisfied clients

**350+**

Successfull projects

## Client List includes:

- Grand Wailea Resort
- Maui Punahou School
- Yacht Harbor Towers
- Ko Olina Resort
- Hawaiian Prep Academy
- BYU College Pool
- Marriot Montage Resort Maui
- Avalon
- Hale Ka Lae
- Aqua Aston
- Aston Executive Club
- Hyatt Regency
- Kaiser Schools
- Westin Hotels and Resorts
- Royal Lahaina Resort
- The Watermark
- Schofield Barracks, Richardson Pool
- Department of Parks and Recreation - County of Hawaii; Kauai County; City and County of Honolulu

We have provided studies of a few of our larger and more complex projects in this package. Please also see our website at [www.aquaticsolutionshi.com](http://www.aquaticsolutionshi.com) for more background and projects.

## CASE STUDY

# Brigham Young University Olympic pool floor renovated to address construction defects



**Brigham Young University**  
 5-220 Kulanui St.  
 Laie, HI 96762

Aquatic Solutions Hawaii, LLC  
 572 Pepe'ekeo Place  
 Honolulu, HI 96825

**Steve Maratta**

Office: 808.373-9715  
 Cell: 702.403.5600

Steve@AquaticSolutionsHI.com  
 Contractor's License #ABC32723 GC  
 plus Swimming Pools

**Without a comprehensive drainage system to relieve pressure around a pool, significant structure damage can occur.**

## The Client

Brigham Young University-Hawaii is a private university located in Laie, Hawaii, United States. It is owned and operated by The Church of Jesus Christ of Latter-day Saints. BYU-Hawaii was founded in 1955 and offers programs in mathematics, liberal arts, and management.

## The Challenge

Aquatic Solutions was called to BYUH to assess a Large Commercial College pool in early April 2018. The pool was drained by BYUH maintenance staff to clean the interior. Unfortunately the pool was built with construction defects that omitted a safety device that would prevent high ground water in the area from damaging the structure. This was a 35 year old pool that was recently renovated in 2004.



The pool did not have the necessary hydraulic relief valves to alleviate the water pressure around the pool structure. The relief valves are needed to prevent high water table (which ebbs and flows), from rising and damaging the plumbing and pool shell. When the pool was drained, the high water in the area buffeted the plumbing underneath the pool and broke the lines. There was no clean gravel bed or drain system underneath the pool to assist with the water removal when draining.

**"Unfortunately the pool was built with construction defects that omitted a safety device that would prevent high ground water in the area from damaging the structure."**



“

**"Aquatic Solutions Hawaii is the best contractor we have ever had at the school!"**

~Brigham Young University

We completely rebuilt the entire plumbing system and equipment while upgrading it all to include energy efficient VFD's, new redundant pumps and automated chemical systems that can be remotely operated through applications on a Smart Phone.

This substantial project was completed in four months.

Completion date: August 2018.



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## Solution

- ✓ Remove the entire pool floor.
- ✓ Excavate 3' below the structure and remove the poor fill that was used in building the pool.
- ✓ Install new, clean, flowable stone material and a drain system leading to a sump well under the pool. Re-install rebar and gunite structure.
- ✓ Perform various upgrades and improvements while rebuilding the pool.





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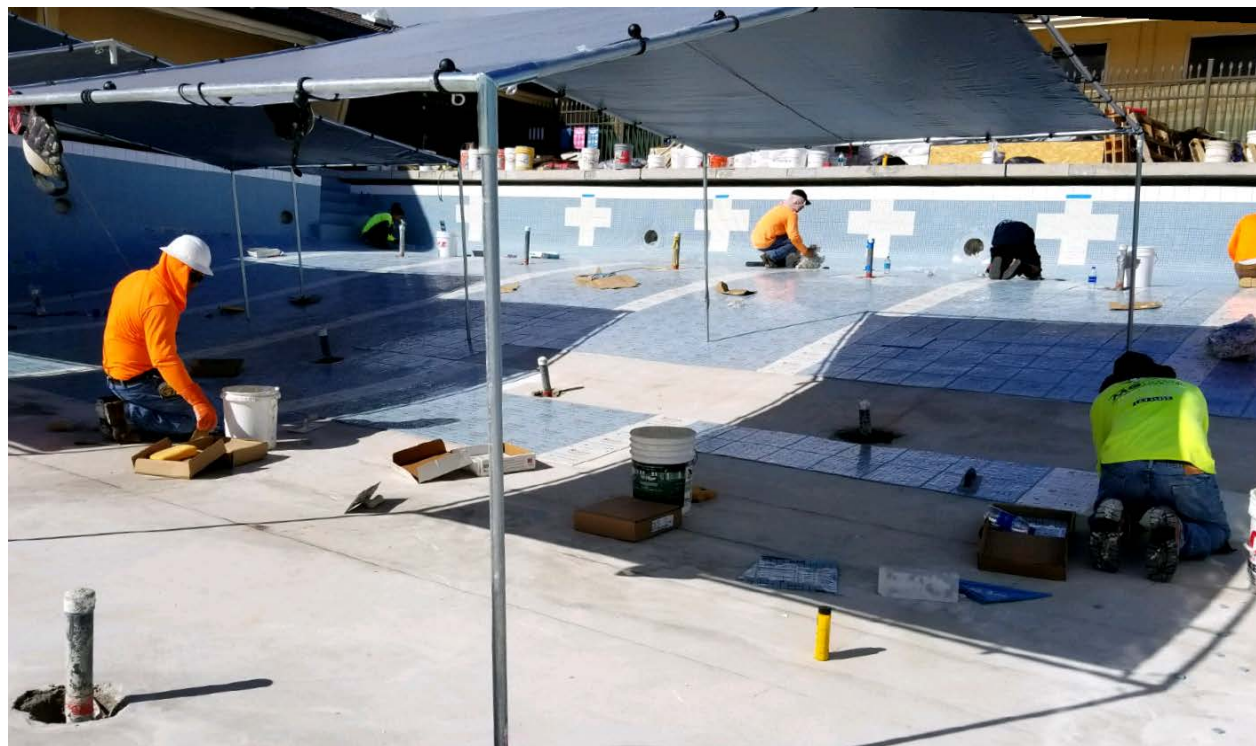
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## CASE STUDY

# Aquatic Solutions restores Fairmont Orchid's resort pool



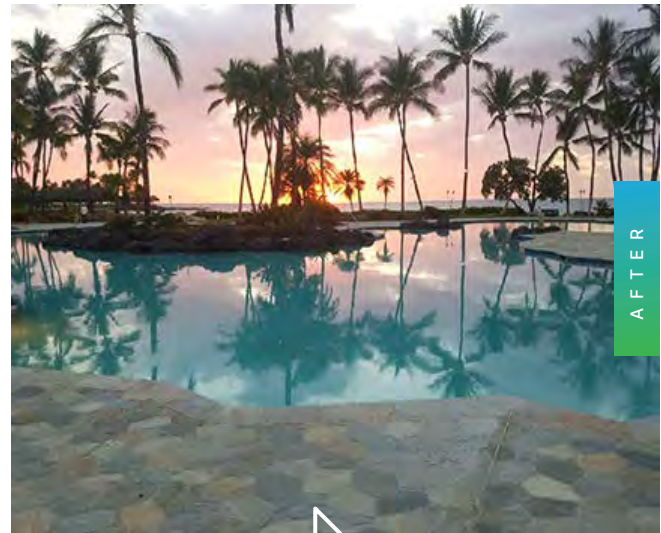
**Fairmont Orchid**  
1 North Kaniku Drive  
Kohala Coast, Hawaii

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
Honolulu, HI 96825

**Steve Maratta**

Office: 808.373-9715  
Cell: 702.403.5600

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plus Swimming Pools



## Resort pool renovation involved massive demolition and restoration of the pool deck and pool interior

### The Client

The Fairmont Orchid, Hawaii is a 32- acre oceanfront luxury AAA Four Diamond resort located on the Kohala Coast Hawaii with a white sand lagoon, Hawaiian Spa Without Walls, golf, tennis, six restaurants, extensive meeting and event facilities, and yearround children's program.

### The Challenge

This pool structure was in dire need of repair and restoration. Resort pool demolition and restoration needs to be concise and timely. Patrons, particularly families, look forward to their time at the pool!

Aquatic Solutions Hawaii accomplished the renovation of the Fairmont Orchid pool in just 30 days. Here are the results!

### Result

Aquatic Solutions Hawaii finished this project in 30 days, including demo, tile and pool interior restoration.



## CASE STUDY

# Aquatic Solutions restores Fairmont Orchid's resort pool



**Fairmont Orchid**  
1 North Kaniku Drive  
Kohala Coast, Hawaii

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
Honolulu, HI 96825

**Steve Maratta**

Office: 808.373-9715    Steve@AquaticSolutionsHI.com  
Cell: 702.403.5600    Contractor's License #ABC32723 GC  
plus Swimming Pools

## Solution

- ✓ To accomplish this renovation, we needed the demolition of the previous work including 17,000 square feet of pool deck and 12,000 square feet of pool interior.
- ✓ We proceeded to prepare the surface for the tiling of the entire pool deck. The tile process added ANOTHER layer of protection via Laticrete® Platinum 254 Epoxy Adhesive and their Spectralock® grout system. It carries a warranty by
- ✓ Aquatic Solutions Hawaii is a trained Laticrete® Factory Authorized installer.



## CASE STUDY

# Aquatic Solutions restores Fairmont Orchid's resort pool



**Fairmont Orchid**  
1 North Kaniku Drive  
Kohala Coast, Hawaii

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
Honolulu, HI 96825

**Steve Maratta**

Office: 808.373-9715    Steve@AquaticSolutionsHI.com  
Cell: 702.403.5600    Contractor's License #ABC32723 GC  
plus Swimming Pools

## Solution

- ✓ To accomplish this renovation, we needed the demolition of the previous work including 17,000 square feet of pool deck and 12,000 square feet of pool interior.
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- ✓ Aquatic Solutions Hawaii is a trained Laticrete® Factory Authorized installer.





## CASE STUDY

# Designing the renovation of the existing pool and recreation deck at the historic Queen Kapiolani Hotel

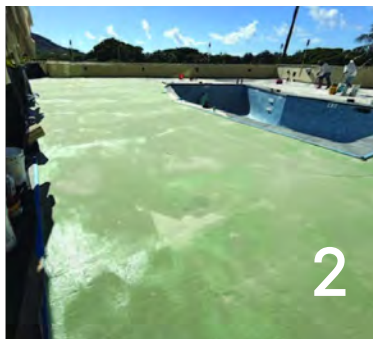


**Queen Kapiolani Hotel**  
Waikīkī Beach  
Honolulu, HI 96815

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
Honolulu, HI 96825

### Steve Maratta

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**For a hotel with high occupancy and activity, the project had a tight, challenging timeline.**

### The Client

The historical Queen Kapiolani Hotel is a 4-star hotel in Honolulu, known for its Hawaiian history and connection to the culture and heritage of the islands.

### The Challenge

Our challenge was to stay within the tight timeline, on budget and execute a water tight solution. The pool was in

disrepair, leaking into the offices below. The adjacent deck was also in trouble. The goal was to finish the project with a clean iconic look and a long term solution.

### The Process

1] While demolishing, we found the pool interior had many layers of plaster and tile. The adjacent deck had a problem with leaking waterproof, piled layer upon layer.  
2] With demo done and the old waterproof disposed of, we installed a new pitched mortar bed, an 80 mil

Mapei waterproof membrane system with sand broadcast then topped it with an acrylic protection layer. The deck and pool were lap seamed with an Aquadefense Mapei interior.  
3] To install the new tile pool interior, we used the Mapei mortar submersion rated system.  
4] We installed a custom logo and LED lighting that faced the hotel's rooms.  
5] Completed in 5 weeks while staying on budget and delivery timeline.

*Aquatic Solutions Hawaii can assist you with this challenge by working directly with your designer, engineer or architect.*



## CASE STUDY

# Yacht Harbor Towers chooses Aquatic Solutions to remedy leaks and restore elevated pool



**Yacht Harbor Towers**  
1600 Ala Moana Boulevard  
Honolulu, HI 96815

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
Honolulu, HI 96825

**Steve Maratta**

Office: 808.373-9715    Steve@AquaticSolutionsHI.com  
Cell: 702.403.5600    Contractor's License #ABC32723 GC  
plus Swimming Pools



BEFORE



AFTER

**Without a comprehensive drainage system to relieve pressure around the pool, significant structure damage can occur.**

## The Client

Yacht Harbor Towers is a premier condominium of 456 residential and 3 commercial units, located in Honolulu on Ala Moana Boulevard between Waikiki and the Ala Moana Shopping Center. All units have magnificent views of the ocean.

## The Challenge

This pool structure was in trouble. It was

improperly repaired by a contractor 2 years earlier. Typically, pools like this are constructed within a "vault" that offer additional protection and stability.

However, due to the disrepair, the pool started leaking badly into the vault which then started leaking into the parking structure below and on to the vehicles. The repair needed to be quick, robust and thorough.

## Result

We accomplished this project in five weeks, including flood testing and tile installation. Our client, architect and condo residents all love the results.

“

Aquatic Solutions Hawaii replaced the pool finish at Yacht Harbor Towers in 2015.

Steve was very good at project coordination. He responded to questions in a timely manner and kept the jobs running smoothly. The friendly crew of workers were hard working and kept the job sites clean. They did a great job with all of the tile work.”

They are a pleasure to work with and I hope they are selected as the qualified contractor for your pool renovation project.”

Janell Suyemura, CDT, CCCA  
Project Manager  
Architectural Diagnostics LTD.

## CASE STUDY

# Yacht Harbor Towers chooses Aquatic Solutions to remedy leaks and restore elevated pool



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1600 Ala Moana Boulevard  
Honolulu, HI 96815

Aquatic Solutions Hawaii, LLC  
572 Pepe'ekeo Place  
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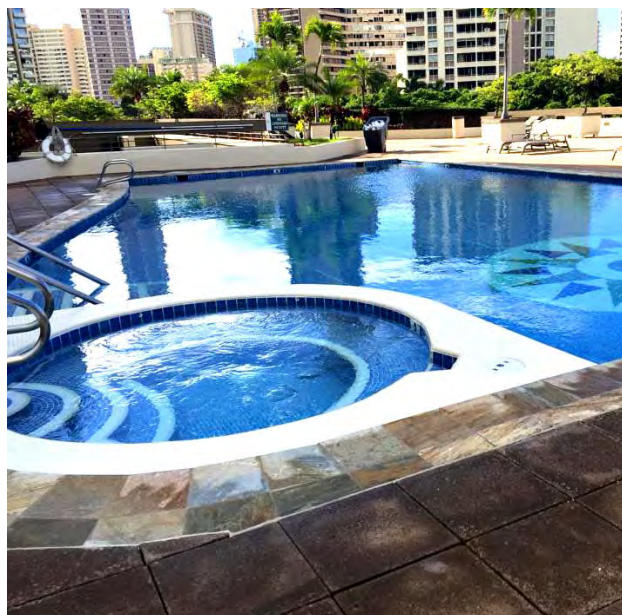
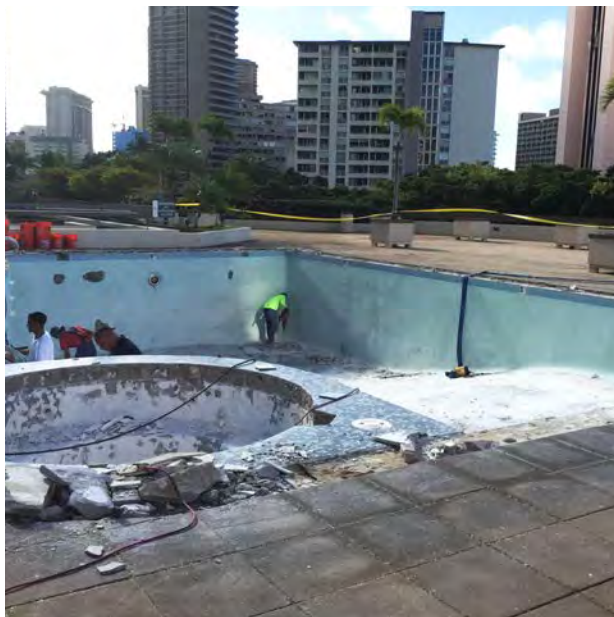
**Steve Maratta**

Office: 808.373-9715  
Cell: 702.403.5600

Steve@AquaticSolutionsHI.com  
Contractor's License #ABC32723  
GC plus Swimming Pools

## Solution

- ✓ To accomplish this repair, we needed to strip off the previous work to reveal the original gunite structure. Once there, we needed to brown coat, waterproof, and flood test the work. At this point we had confirmed all the previous leaks had been fixed by applying epoxy collars on the plumbing penetrations. We checked this by running of the pool for 4 days to insure there was no water loss.
- ✓ We THEN proceeded to the tiling of the entire pool. The tile process added ANOTHER layer of protection via Laticrete® Platinum 254 Epoxy Adhesive and their Spectralock® grout system. Not only was the new tile set into epoxy, it carries a warranty by Laticrete for 25 years.
- ✓ Aquatic Solutions Hawaii is a trained Laticrete® Factory Authorized installer.



# STATE OF HAWAII

DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS



## CONTRACTORS LICENSE BOARD

*This is to Certify that*  
**AQUATIC SOLUTIONS HAWAII LLC**

*has been duly licensed as a/an*  
**CONTRACTOR**

*in the State of Hawaii on*

**February 05, 2013**

*This license shall be in full force and effect only as long as it is supported by a current license identification card.*

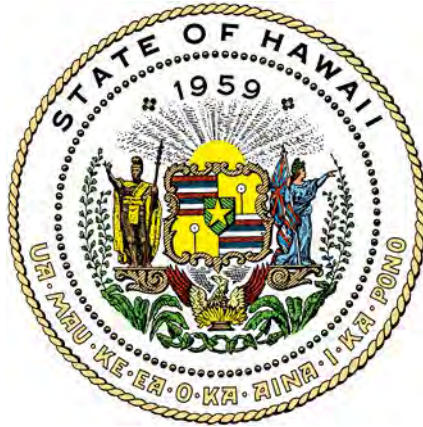


No. 32723

A handwritten signature in black ink, reading "Leonard K.P. Leong".

*Chairperson*





## Department of Commerce and Consumer Affairs

### CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that according to the records of this Department,

AQUATIC SOLUTIONS HAWAII, LLC

was organized under the laws of the State of Hawaii on 10/19/2012 ;  
that it is an existing limited liability company in good standing  
and is duly authorized to transact business.



IN WITNESS WHEREOF, I have hereunto set  
my hand and affixed the seal of the  
Department of Commerce and Consumer  
Affairs, at Honolulu, Hawaii.

Dated: December 07, 2021

Director of Commerce and Consumer Affairs

# STEVEN R MARATTA

572 Pepeekeo Place  
Honolulu HI 96825  
Direct: 702.403.5600  
Alternate: 808.373.9715.

AquaticSolutionsHi.com  
[Steve@AquaticSolutionsHi.com](mailto:Steve@AquaticSolutionsHi.com)  
ABC License #32723

**40 years of experience** in residential and commercial swimming pool design, construction, consultation for resorts, municipalities and large projects, and maintenance. A trusted expert in new pool builds, renovation projects, and as a general contractor. Clients depend on my expertise to complete the project on schedule, within budget, safely and to the highest quality.

A licensed general contractor in Hawaii, my Contractor's License is CT#32723.

Customers expect professional commercial and residential pool management including:

- Energy and water conservation for large-scale pools
- Increased swimming pool operational efficiency
- Turbidity analysis to match filtration to pool water quality
- Construction and renovation of resort pool water slides

Aquatic Solutions Hawaii, LLC

Owner-Project Manager and Superintendent

2010 to Current

Aquatic Solutions Hawaii Aspires to be the recognized leader in the Hawaiian Islands for swimming pool design, construction, and renovation by combining innovative technologies with superior craftsmanship.

Experience- See more details on attached Case Studies

2015- Yacht Harbor Towers, 1600 Ala Moana Blvd., Honolulu, HI

Renovation of existing surface to include brown coat and new tile.

2016- Fairmont Orchid's Resort Pool, 1 North Kaniku Dr., Kohala Coast, HI

Demolish and renovate 17,000 sq feet of pool deck and 12,000 of pool interior.

2018- Brigham Young University, 5-220 Kulanui St, Laie, HI

Demolish and renovation of Olympic Size Pool to include the plumbing system, new pool interior and tile. Upgraded to energy efficient VFD's and an automated chemical treatment system.

2019- Hyatt Kauai Slide, 1571 Poipu Rd., Koloa, HI

Complete prep to refinish the existing slide. Involved a five-day process shut down, prep and clean existing slide structure, repair, waterproofing, sand and prime with a colored wear layer with three coats of flexible urethane.

## LETTERS OF REFERENCE

1. Laticrete – Mitch Hawkins, Director, Technical Services
2. Avalon Development – Daniel Curran, Director of Project & Construction Management
3. One Waterfront Towers – Dave Chism, Board Member
4. Architectural Diagnostics Ltd. – Jim Reinhardt, President





**CERTIFIED ISO 9001:2015**

March 22, 2022

Aquatics Solutions Hawaii, LLC  
Attn: Steve Maratta  
572 Pepe'ekeo Place  
Honolulu, HI 96825

RE: Ritz Carlton Pool & Aquatics Solutions Hawaii / Honolulu, HI

To Whom It May Concern,

Please note that while LATICRETE International, Inc. does not certify installers, we have been working with Aquatic Solutions Hawaii, LLC for a number of years and have not only the fullest confidence in their abilities and capabilities in their expertise of methods and installation excellence, but also in the use of LATICRETE products. We are happy that Aquatic Solutions Hawaii, LLC chooses LATICRETE products and look forward to working them for many, many years to come.

I hope this information is useful.

Sincerely,

A handwritten signature in black ink that reads "Mitch Hawkins". The signature is written in a cursive, flowing style.

Mitch Hawkins  
Director, Technical Services  
LATICRETE International, Inc.

Letter # wmh1128-032222 RitzCarltonPool1

Innovative Tile and Stone Installation Systems

March 29, 2022

Subject – Recommendation for Aquatic Solutions Hawaii, LLC

To Whom it May Concern:

I am writing this to recommend Aquatic Solutions Hawaii for any construction or repair of pools, spas, and other water features, both for new build as well refurbishment of existing structures.

Steve Maratta and his team built a pool and spa for me in 2016 for a multifamily residential project. The work was done professionally and on time and has been operating well since that time. During my review of the company, I also visited some refurbishment jobs that they were involved with including Punahou Schools pool retiling, Yacht Harbor Tower pool refinishing and other projects. They are able to customize pools to any configuration and colors that you like, be it plaster or tile. Steve is very responsive to questions and with his partner Adan run a well organized and efficient job site.

They are a pleasure to work with and I highly recommend them for any pool or water feature work that you need. If there are any questions, please do not hesitate to contact me at 808-222-8219.

Sincerely,



Daniel Curran

Director of Project & Construction Management



**Aloha,**

**I am Dave Chism a board member of One Waterfront Towers, and Chair of the Design and Review Committee.**

**I am providing this reference letter for Aquatic Solutions Hawaii.**

**Aquatic Solutions recently completed a substantial renovation of our Water Features and two Portes-Cochères.**

**The project was a design build and involved removals and demolition of the existing Water feature and over 12000 ft of tile then proper underlayment then Tile installation.**

**We have used Aquatic Solutions Hawaii on this project and in the past on other successful projects.**

**Mahalo!**

**Dave Chism**

**Steve Maratta  
Aquatic Solutions Hawaii LLC  
License C32723  
Cell 702.403.5600  
808.373.9715**



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# Architectural Diagnostics Ltd.

A Division of Kent Engineering

Building Diagnostics • Failure Analysis • Remedial Architecture • Architecture

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26 March 2022

To Whom It May Concern

**PROJECT:** Swimming Pool Tile Installation

**SUBJECT:** Recommendation for Steve Maratta

This letter is to recommend Steve Maratta of Aquatic Solutions, Hawaii, LLC. as an installer of swimming pool tile, particularly glass mosaic tile, which is a difficult material to properly install.

Steve has done several pool projects for our clients and has been very helpful to us in our research to develop better methods to install swimming pool tile. We have found him to be diligent, concerned with doing his work properly and working hard to satisfy his clients. In the rare occasions where there have been problems, he has stepped up to fix them immediately.

I recommend him without reservation.

Sincerely,

**ARCHITECTURAL DIAGNOSTICS, LTD.**



Jim Reinhardt  
Its President