



**AGENDA REQUEST**  
**City of Bunker Hill Village**  
**Zoning Board of Adjustment**

<b>Agenda Date:</b>	October 18, 2023
<b>Agenda Item:</b>	V - VI
<b>Subject:</b>	Variance Request
<b>Exhibits:</b>	Application Packet & Proposed Plans
<b>Funding:</b>	N/A
<b>Presenter(s):</b>	Elvin Hernandez, Director of Public Works

**Executive Summary**

The City has received a project submittal for a swimming pool at 11907 Laurie Lane. The proposed location of the swimming pool is in the rear with a desired setback of five (5') feet from the edge of the water to the property line. City Ordinance requires that a pool must be set back ten (10') feet.

**§ 7.08. Swimming pools.**

To qualify as an accessory structure or use, a swimming pool must comply with all yard and setback requirements of the main building unless such swimming pool is located in the rear one-third ( $\frac{1}{3}$ ) of the lot, in which event the following shall apply: If located in the rear one-third ( $\frac{1}{3}$ ) of an interior lot, a swimming pool must be set back at least ten (10) feet from the rear lot line and at least ten (10) feet from each side lot line. If located in the rear one-third ( $\frac{1}{3}$ ) of a corner lot, a swimming pool must be set back at least ten (10) feet from the rear lot line, at least ten (10) feet from the interior side lot line (the side lot line farthest removed from the side street), and at least twenty (20) feet or a distance at least equal to the required depth of that yard of the contiguous lot which abuts such side street, whichever is greater, from the exterior side lot line (the side lot line which abuts the side street). All of the foregoing measurements shall be taken from the nearest water's edge of such swimming pool.

**Recommended Action**

Staff recommends the Board take the following actions:

1. Hold a public hearing
2. Discuss and take action regarding the variance request



CITY OF BUNKER HILL VILLAGE  
APPLICATION FOR  
BOARD OF ADJUSTMENT REQUEST

Owner's Name: Glenn & Alison Wilson Phone: 713 539 3579

Mailing Address: 11907 Laurie Ln Zip: 77024

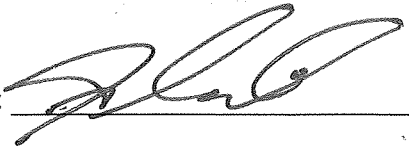
Property Address (If Different): \_\_\_\_\_

Action Requested: Variance  Appeal  Special Exceptions  Zoning District  A  B

Project Description and Request: New Construction Swimming Pool  
5 foot variance request.

Section of Code at Issue: Swimming Pools 7.08.

- Attachments as applicable:
- Site Plan
  - Letter of Permit Denial
  - Any Additional Information
- A fee of \$250.00 is required for processing*

Signature of Applicant:  Date: 9-8-2023



**THE BOARD OF ADJUSTMENT  
of  
THE CITY OF BUNKER HILL VILLAGE**

Function Of The Board Of Adjustment

The City of Bunker Hill Village Board of Adjustment is a legally created entity, which enables you, under very limited circumstances, to seek relief from decisions of the City Building Official, or the application of the Zoning Ordinance to you or your property.

**Board Members do not have jurisdiction or authority to change existing Ordinances in any way. That responsibility rests solely with the Bunker Hill Village City Council. While the Board's jurisdiction includes the authority to grant variances from the City's Zoning Ordinance, that authority is extremely limited. Current law prohibits the Board from granting a variance unless they find, by a seventy-five percent (75%) majority vote of the five-member Board, that the variance requested is necessary to prevent "undue hardship." Absent this determination, the Board has no legal authority to grant a variance.**

**To prove "undue hardship," A PROPERTY OWNER MUST SHOW THAT ENFORCEMENT OF THE ORDINANCE WOULD DESTROY ANY REASONABLE USE OF HIS PROPERTY. A variance is not authorized to accommodate the highest and best use of property, or to allow deviations for the convenience of a property owner, but to grant relief where strict application of the Zoning Ordinance does not permit ANY REASONABLE USE of the applicant's property.**

**The granting of a variance without "undue hardship" is tantamount to the Board amending the City's zoning regulations for the benefit or convenience of one individual, to the exclusion of others. This is discriminatory against the citizens who comply with the regulation.**

The Board is made up of five regular members. There are four alternate members, who are available to serve in the absence of a regular member. One member serves as Chairman of the Board and presides over the meetings. All are Bunker Hill residents and property owners with varied backgrounds. They are appointed by the City Council and volunteer their time and efforts to apply our Zoning Ordinances in a fair and impartial manner.

It is important for you to understand that the Board of Adjustment cannot approve an application simply because the Board's members may personally like the goal pursued by the applicant, or may personally question the wisdom of the Building Official's decision being reviewed or the particular zoning regulation in question.

Role of Our Building Official:

The key person you deal with in your activities related to our Zoning Ordinance is our Building Official. He is appointed by the City Council and charged with the duty of issuing permits and certificates of occupancy, and he carries the primary responsibility of enforcing our zoning code in the manner in which it has been enacted by the City Council. He is well experienced in these matters, both from a technical and community relations' viewpoint. In carrying out his duties, he has available to him the services of our Legal Counsel and other City Officials.

### When To Request A Board Of Adjustment Hearing:

You can request the Board of Adjustment to receive your application and conduct a hearing in one or the other of three areas:

- (1) You can request the Board to consider your appeal wherein you allege our Building Official has made an error in an order, requirement, decision or determination in enforcement of our Zoning Ordinances. For example, if you believe our Building Official has wrongfully denied you a permit or wrongfully decided you have violated the Zoning Ordinance because he incorrectly interpreted the requirements of the Ordinance, then you can appeal this alleged error to the Board;
- (2) You can request the Board to consider your request for a special exception to the terms of the Zoning Ordinance, but this consideration can only be made in those few instances when the Ordinance requires the Board to do so; or
- (3) You can request the Board to consider your particular case and authorize a variance from the terms of the Zoning Ordinance. As part of your request you must show that:
  - (a) The variance will not be contrary to the public interest of the other citizens of Bunker Hill;
  - (b) Due to your special conditions peculiar to your particular property, a literal enforcement of the Ordinance would cause you an unnecessary hardship; and
  - (c) The spirit of the Ordinance will still be observed and substantial justice will be done if your variance is granted.

In considering an application for a variance, the most critical question to be asked is whether or not you will be deprived of any reasonable use of your property if the variance is not granted. If the answer is no, you are not entitled to a variance. Keep in mind when making your application that your personal choice, your preferred construction plan, a more pleasing construction project, or cheaper construction costs are not considered unnecessary hardships. The Board is without legal authority to grant a variance unless there is a showing of an "unnecessary hardship". There are very clear court cases, which have set precedence that unless you can show an unnecessary hardship, you are not entitled to the relief you request.

### Procedure For Requesting A Board Of Adjustment Hearing:

First, thoroughly discuss the matter with our Building Official, and try every way possible to work things out at this level.

If you cannot work things out, prepare and submit the completed Application for a Board of Adjustment Hearing, which is attached. It must include:

- (1) A thorough site plan, drawn to scale, showing the dimensions of your lot and the location and dimensions of all your existing and proposed lot improvements. If applicable, include the proposed floor plans and elevations.



- (2) If applicable, a copy of the City of Bunker Hill Building Official's letter of denial.
- (3) If applicable, your statement of acts and reasons to your proposal as to why a literal application of the code should not be applied and how the standards which govern the Board's actions, would be satisfied. If requesting a variance, you should thoroughly address how application of the Code will specifically impose an unnecessary hardship on you.
- (4) Add anything else you might think will enhance your application in the way of additional narrative information; drawings, photographs or other details, which can better inform the Board about the exact nature of your request.
- (5) If you intend for an agent to speak on your behalf, include with your application a notarized letter of designation of your agent.
- (6) After all of this material has been accumulated and the application completed, ten (10) copies of this material must be submitted to our City Secretary no later than fifteen (15) days after you were notified of the decision of our Building Official. The City Secretary will arrange for the copies of your application to be distributed to all the proper parties.

#### The Hearing:

After the administrative procedures have been completed and proper notice has been given to all affected parties, your hearing will be conducted at a designated date and time at City Hall. The hearing will be open to the public and conducted in a respectful, non-adversarial manner, in a way which is intended to allow you to present your best case. Neither questioning nor arguments between individuals appearing before the Board will be permitted. At the hearing, the Chairman will preside and:

- (1) All interested parties appearing before the Board will be sworn;
- (2) To support your application, you will be called upon, under oath, to present your case and all relative material;
- (3) Any other people who support your application will be given an opportunity to speak under oath in favor of your application;
- (4) Anyone who opposes your application will be given an opportunity to speak or present material. They will also be under oath;
- (5) You can rebut any opposing statements or add to what you have previously presented;
- (6) Members of the Board may question you or any of the people who speak for or against your application;
- (7) The Chairman will solicit comments or questions among the Board members, the Building Official, the Board's Legal Counsel, or anyone else who might be appropriate.

### Ruling Of The Board:

After your appeal has been presented and after proper deliberation among the Board's members, they will make a ruling on your application. Law requires the approval of four of the five Board members; a simple majority is not sufficient. There are four options available to the Board.

- (1) Grant the relief you have requested in your application.
- (2) Grant the relief you have requested upon satisfaction of whatever conditions might be imposed by the Board.
- (3) Deny the relief you have requested, but grant some sort of modification of the relief requested.
- (4) Deny the relief you have requested.

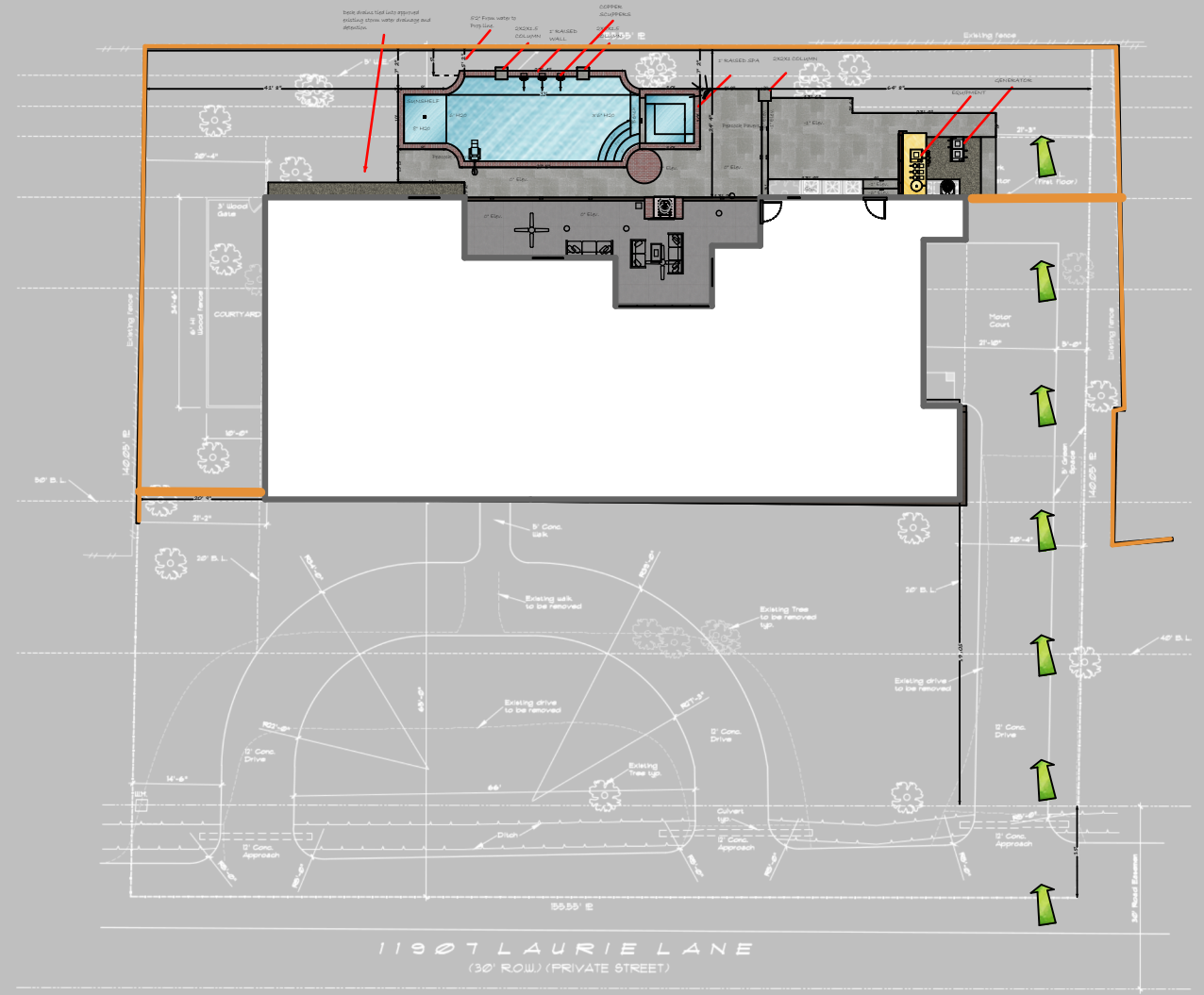
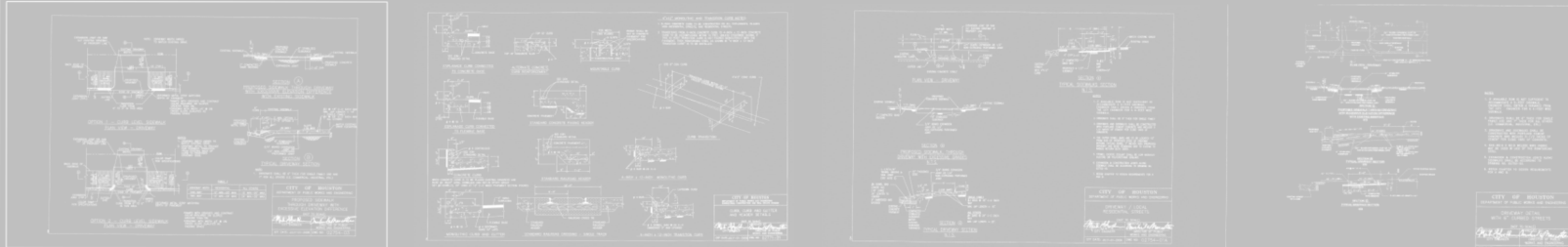
### Action After The Hearing:

Any approval granted by the Board will expire ninety (90) days after the date of the Board's decision unless proper permits and approvals have been obtained from our Building Official, or unless more time has been requested in your application, which was approved by the Board. If you need additional time, you should promptly contact our Building Official.

If the Board has made a ruling which you choose not to accept and you want to proceed to formal court action, you must present to a court of record a verified petition which states that the decision of the Board is illegal in whole or in part and specify the grounds of the illegality. The petition must be presented within ten (10) days after the date the decision is filed by the Board. The matter is then under the Court's jurisdiction and will proceed accordingly.

### Additional Assistance:

If you need any additional explanation or assistance in this matter, you are welcome to contact our Building Official or the other personnel at City Hall, who will help you in every way possible.



11907 LAURIE LANE  
(30' ROW) (PRIVATE STREET)

**NOTES**

**SITE GRADING (AT FOUNDATION)**  
The ground immediately adjacent to the foundation shall be sloped away from the building at a slope of not less than one unit vertical in 22 units horizontal (5 percent slope) for a minimum distance of 10 feet measured perpendicular to the face of the wall. If physical obstructions or lot lines prohibit 10 feet of horizontal distance, a 5 percent slope shall be provided to an approved alternative method of diverting water away from the foundation. Scales used for this purpose shall be sloped a minimum of 2 percent where located within 10 feet of the building foundation. (2012 IRC section 1803.3, 2012 IRC section 403.3.)

When a curb cut is necessary, a 6" restrictor shall be split into 2 - 4" PVC sch. 40 pipes, using a "T" type connection before going through the curb.

**NOTES:**

- IRC 2012
- Gutters if downspouts required - must be tied into drainage system.
- Fence for pool must extend a min. of 2' into virgin soil.
- Surface drainage required.
- Truss schedule on site at frame inspection.
- All steps to exterior, including garage steps, must be hollow to allow water to flow out.
- All 2nd floor operable windows must be a min. of 24" off of finished floor.
- Underground drainage req'd on house.

**PAI**  
PURSER ARCHITECTURAL

5702 4TH STREET  
KATY, TX 77493  
TEL: 281.283.7291  
FAX: 281.283.7245  
E: INFO@PURSERARCHITECTURAL.COM

**WILSON RESIDENCE**

11907 Laurie Lane  
Houston, TX. 77024

**DATE OF ISSUE**

Issue Date:	06/10/2022
Revised:	06/09/2022
Revised:	06/09/2022

- PROPOSED POOL
- EQUIPMENT
- FENCE
- ➔ ACCESS

**Lot Calculations**

Lot Size	3,781 SF.
Proposed Building	5,448 SF.
Proposed Platform	3,664 SF.
Existing Asphalt	1028 SF.
Total Imperviable Coverage	5,756 SF.
% Imperviable Coverage	44.7% (45% max.)

**Existing Lot Coverage**

Total Lot Area	2,181 SF.
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**Permissible Area**

Permissible Area	2,288 SF.
Non Permissible	3,353 SF.

**SITE DESCRIPTION**

11907 Laurie Lane  
A TRACT OF LAND CONTAINING 0.8008 ACRES (71,761 SQUARE FEET) SITUATED IN THE JOHN D. TAYLOR LEAGUE, ABSTRACT 12, HARRIS COUNTY, TEXAS.

**DIRECTION**

**SCALE**

1/8" = 1'-0"



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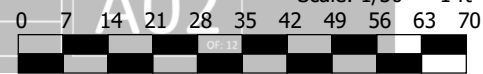
**PROJECT NUMBER**  
R.21.074-WILSON

**DATE:** 06/09/2022

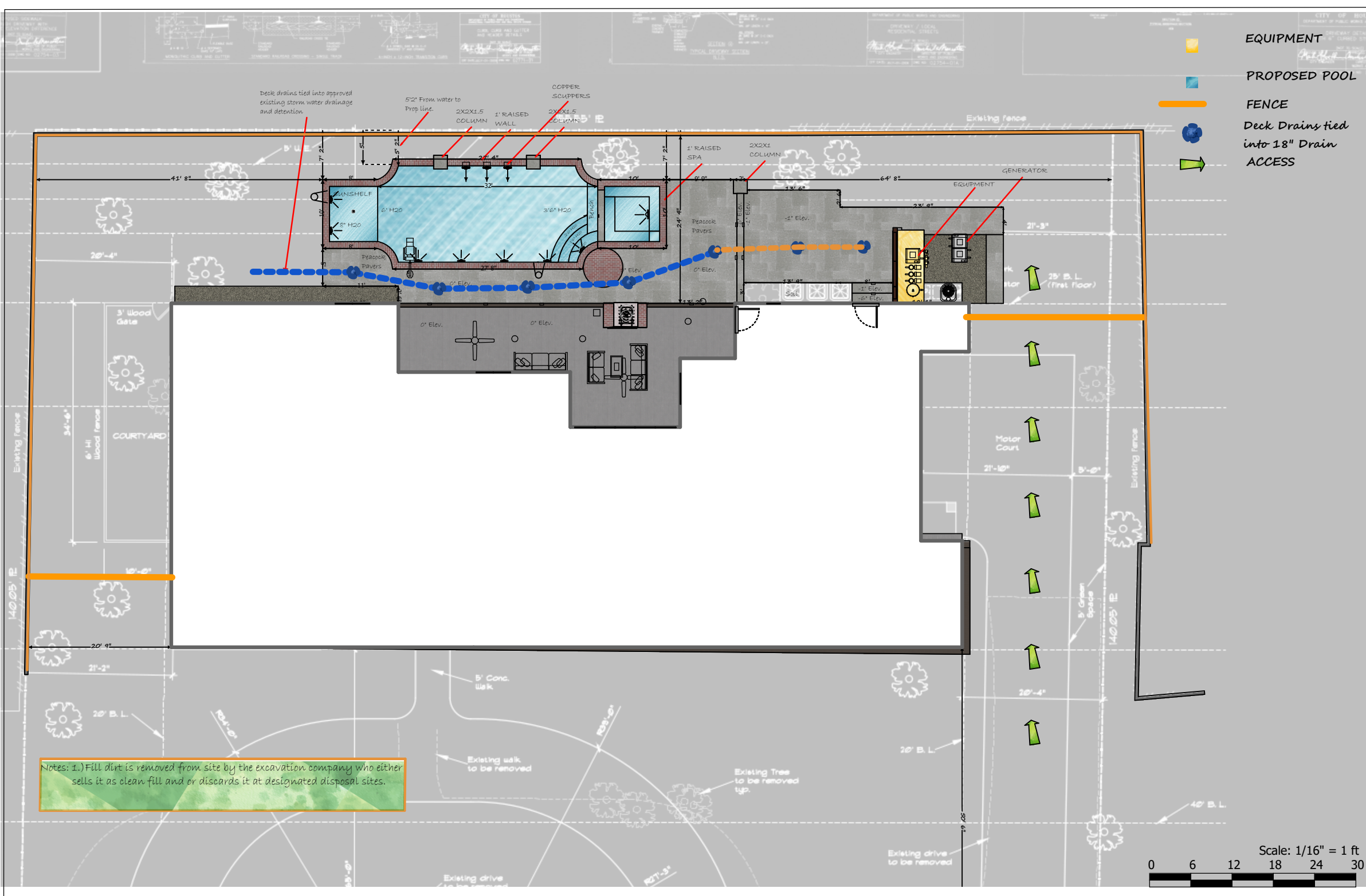
**SHEET NUMBER:**

**A02**

Scale: 1/30" = 1 ft



SITE PLAN



POOL SPECS	
Design Style: <u>GEOMETRIC</u>	Inspections: <u>Conroe</u>
Perimeter: <u>112</u>	Excavation: <u>Machine</u>
Pool Area: <u>582</u>	Small Machine: <u>No</u>
Pool Gallons: <u>15000</u>	Steel Wall: <u>3/8" Rebar in Walls/Floors</u>
Pool Length: <u>45</u>	Gunite Beam: <u>12" Box Beam w/#4 Rebar</u>
Pool Width: <u>16</u>	Gunite Wall/Floor: <u>Thickness Minimum 6"</u>
Pool Depth: <u>3.5-6</u>	Sun Shelf: <u>Yes with 1 Umbrella Sleeve</u>

SPA SPECS	
Perimeter: <u>30</u>	Spa Area: <u>50 Sq Ft</u>
Spa Dimensions: <u>50</u>	Spa Height: <u>1' Raised</u>
Spillover Width: <u>8</u>	Spa Jets: <u>Standard Spa Jets</u>
Type of Spillover: <u>Brick</u>	Spa Seating: <u>Split Level Seating</u>

EQUIPMENT	
Automation: <u>Omni Logic 8</u>	Pool Filter: <u>C5030</u>
Number of Relays: <u>6</u>	Pool Cleaner: <u>N/A</u>
Sanitation: <u>Infloor</u>	Cleaner Pump: <u>Infloor</u>
Ozone/UV System: <u>Yes</u>	Heater: <u>Hayward H series 400k BTU</u>
Sense & Dispense: <u>N/A</u>	Chiller: <u>NA</u>
Pool Pump: <u>Tristar 950 Vs Epump</u>	Air Blower: <u>1.5 Hp Hayward Air Blower</u>
Water Feature Pump: <u>Tristar 950</u>	Sheer Descents: <u>Copper Scuppers</u>
Negative Edge Pump: <u>N/A</u>	Water Cannons: <u>N/A</u>
Spa Booster Pump: <u>Tristar 900</u>	Bubblers: <u>1</u>
Pool Lights: <u>N/A</u>	Fire Bowls: <u>N/A</u>
Spa Light: <u>1-Univ Color Logic LED Spa 12v</u>	Hayward Low Voltage Transformers: <u>1</u>
Nitche Lights: <u>8</u>	Pool Autofill: <u>Paramount Paralevel</u>

DECK	
Deck Type: <u>Concrete Peacock Pavers</u>	Deck Area: <u>1324</u>
Overlay Existing: <u>Brick</u>	Overlay Deck Area: <u>562</u>
Deck Pattern: <u>Linear</u>	Total Deck Area: <u>1886</u>
Pool/Deck Elevation: <u>-6" WITH EXISTING Patio</u>	

PLUMBING	
Returns: <u>6-8 returns</u>	Skimmers: <u>2-Paramount Paraskim</u>
Pool Main Drain: <u>Superflow 360</u>	Spa Main Drain: <u>Superflow 360</u>
Autofill Line: <u>3/4" Automatic Fill Line</u>	Overflow Line: <u>2" Tied into Deck Drains</u>
Valves: <u>Hayward Valves</u>	Pump Connections: <u>2.5" @ Return &amp; Pump</u>
Pool Plumbing: <u>2.5" Suction Pool/3" Suction Spa</u>	Pipe: <u>All Scheduled 40 PVC</u>
Drainage System: <u>4" Drains Ran to Side Yard</u>	Code: <u>NEC 2017</u>
Electrical Ground Design: <u>Co</u>	

Materials:	
Coping: <u>Brick</u>	Manufacturer: <u>SCP</u>
Tile Line: <u>6" TILE</u>	Manufacturer: <u>SCP</u>
Raised Wall: <u>Brick</u>	Manufacturer: <u>SCP</u>
Pool Columns: <u>Brick</u>	Manufacturer: <u>SCP</u>
Spa Spillover: <u>Tile</u>	Manufacturer: <u>SCP</u>
Backside of Spa: <u>Brick</u>	Manufacturer: <u>SCP</u>
Decking: <u>Concrete Pavers</u>	Manufacturer: <u>SCP</u>
Fire Pit: <u>N/A</u>	Manufacturer: <u>SCP</u>
Outdoor Kitchen: <u>N/A</u>	Manufacturer: <u>SCP</u>
Plaster: <u>Level 1 w/ Shimmering Sea</u>	Skimmer Color: <u>GREY</u>
Main Drain Color: <u>GREY</u>	Overflow Color: <u>GREY</u>



Designer: Josh Turner

**Customer Info**

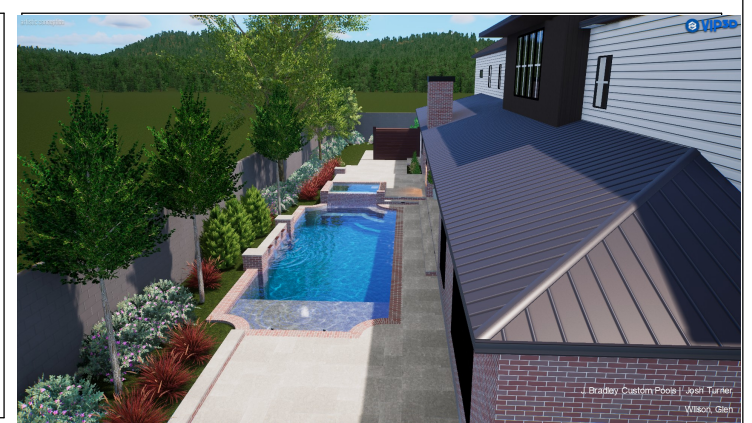
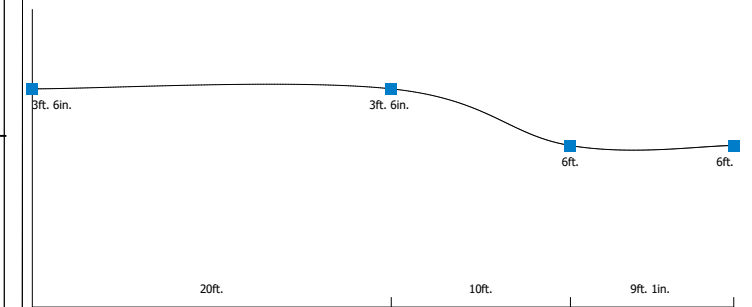
Owner: Glen Wilson

Address: 11907 Laurie Lane

City: Houston, TX 77024

Phone: 713-539-3579

**Pool Depth Profile**





artistic conception



J. Bradley Custom Pools | Josh Turner  
Wilson, Glen





artistic.conception



J. Bradley Custom Pools | Josh Turner

Wilson, Glen



artistic conception

VIP3D



J. Bradley Custom Pools | Josh Turner

Wilson, Glen



**J.BRADLEY**  
— CUSTOM POOLS —

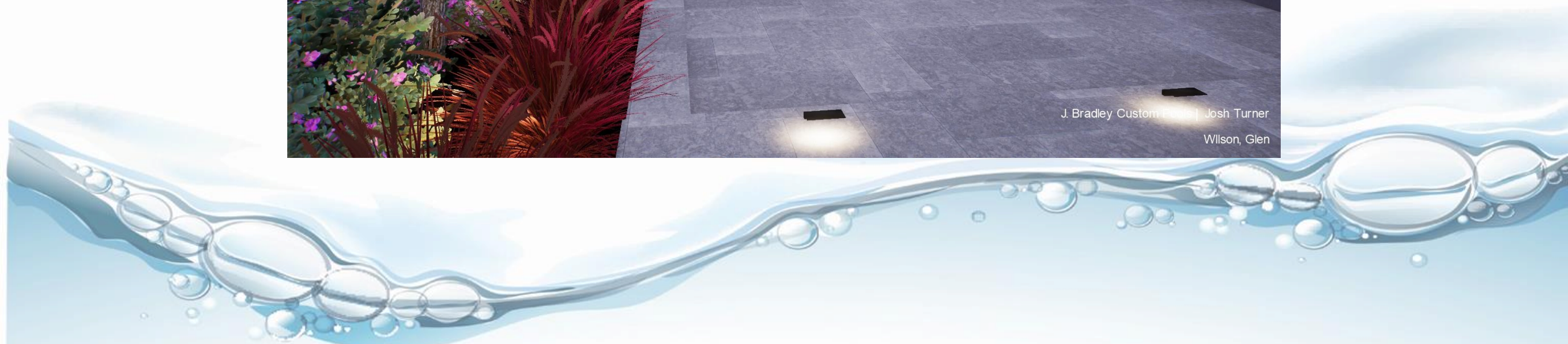


## **The Wilson Residence**

**11907 Laurie Lane**  
**Houston TX 77024**



# The Wilson Residence





# The Wilson Residence

## POOL SPECS

Design Style: GEOMETRIC  
Perimeter: 112  
Pool Area: 582  
Pool Gallons: 15000  
Pool Length: 45  
Pool Width: 16  
Pool Depth: 3.5-6

Rebar: 8" on center #3 - 3/8" rebar steel installed on the floor and walls

Bond Beam: #4 - 1/2" rebar steel continuous within the bond beam

Gunite Wall/Floor: Minimum 6" Thick

Gunite Beam: 12" Boxbeam w/#4

Bondiing Conductor : 8AWG bare/solid copper

Metallic Components : bonded to equipotential grid

## SPA SPECS

Perimeter: 30  
Spa Dimensions: 50  
Spillover Width: 8  
Type of Spillover: Brick

Inspections: Conroe  
Excavation: Machine  
Small Machine: No  
Steel Wall: 3/8" Rebar in Walls/Floors  
Gunite Beam: 12" Box Beam w/#4 Rebar  
Gunite Wall/Floor: Thickness Minimum 6"  
Sun Shelf: Yes with 1 Umbrella Sleeve

Warranty : Limited Lifetime Structural Warranty

Cleanup: After Gunite, After Tile & Coping , +Final

Pool maintenance: 30Day Chemical & Cleaning Removal + Replacement of Fence At Access

Spa Area: 50 Sq Ft  
Spa Height: 1' Raised  
Spa Jets: Standard Spa Jets  
Spa Seating: Split Level Seating

## EQUIPMENT

Automation: Omni Logic 8  
Number of Relays: 6  
Sanitation: Infloor  
Ozone/UV System: Yes  
Sense & Dispense: N/A  
Pool Pump: Tristar 950 Vs Epump  
Water Feature Pump: Tristar 950  
Negative Edge Pump: N/A  
Spa Booster Pump: Tristar 900  
Pool Lights: N/A  
Spa Light: 1-Univ Color Logic LED Spa 12v  
Nitchles Lights: 8

## PLUMBING

Returns: 6-8 Returns  
Pool Main Drain Superflow 360 (VGB compliant)  
Auto Fill Line: 3/4" Automatic Fill Line  
Valves: Hayward Valves  
Pool Plumbing: 2.5" Suction Lines  
Drainage System: 4" Ran to Side Drains  
Electrical Ground Design: 360 Degree Earth Ground at Beam

Pool Filter: C5030  
Pool Cleaner: N/A  
Cleaner Pump: Infloor  
Heater: Hayward H series 400k BTU  
Chiller: NA  
Air Blower: 1.5 Hp Hayward Air Blower  
Sheer Descents: Copper Scuppers  
Water Cannons: N/A  
Bubblers: 1  
Fire Bowls: N/A  
Hayward Low Voltage Transformers: 1  
Pool Autofill: Paramount Paralevel

Skimmers: 2-Paramount Paraskim  
Spa Main Drain: Superflow 360 (VGB compliant)  
Overflow Line: 2" Tied into Deck Drains  
Pump Connections: 2" @ Return Fitting  
Pipe: All Sch 40 PVC  
Code: NEC 2017

# The Wilson Residence

Steel Beam : #4 Rebar

Steel Wall : 3/8" Rebar In Walls/Floors

Gunite Beam : 12" Box Beam w/ #4

Gunite Wall/Floor Thickness: Thickness Minimum 6

Gunite Coves: Thickness Minimum 8 "

Steps & Benches: Thickness Minimum 6 "

## General Notation

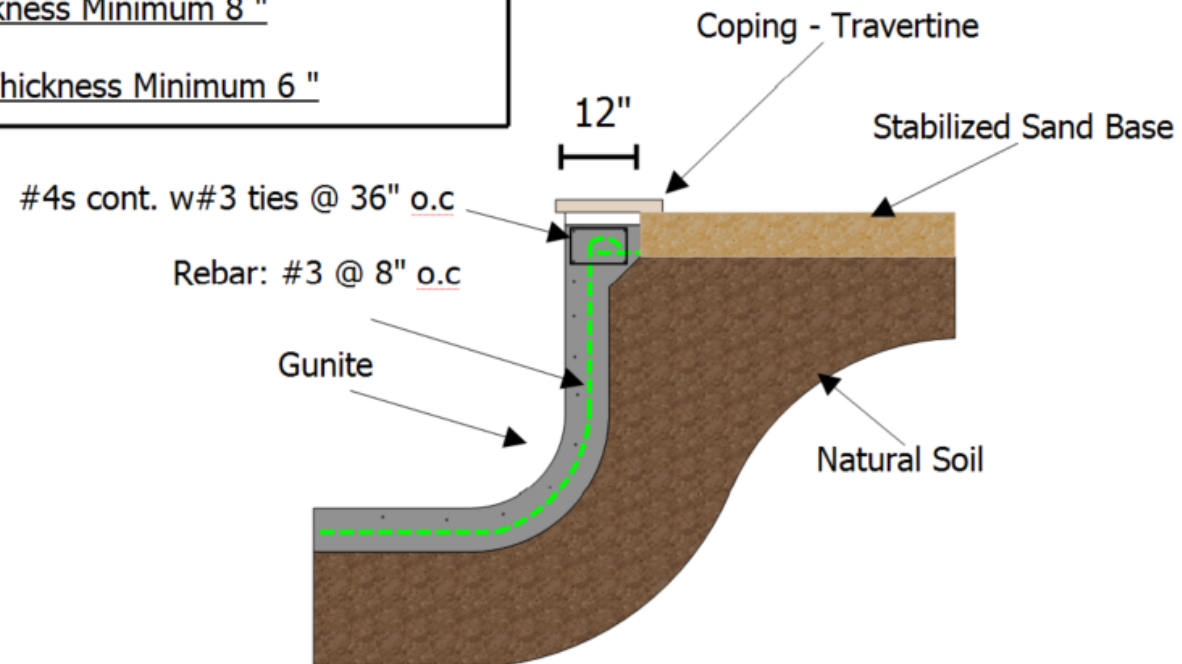
> Rebar sizing as shown herein

> Rebar ASTM A615 Grade 40

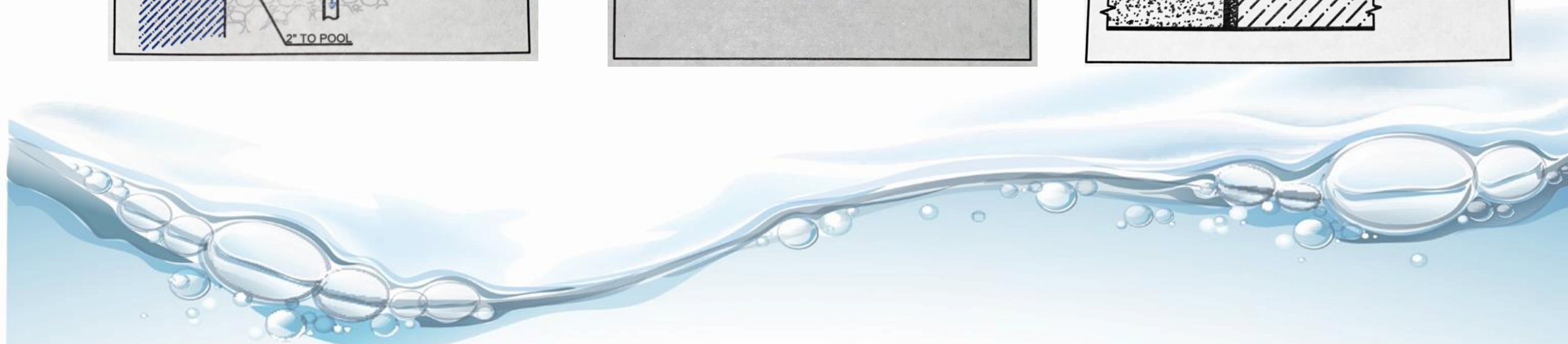
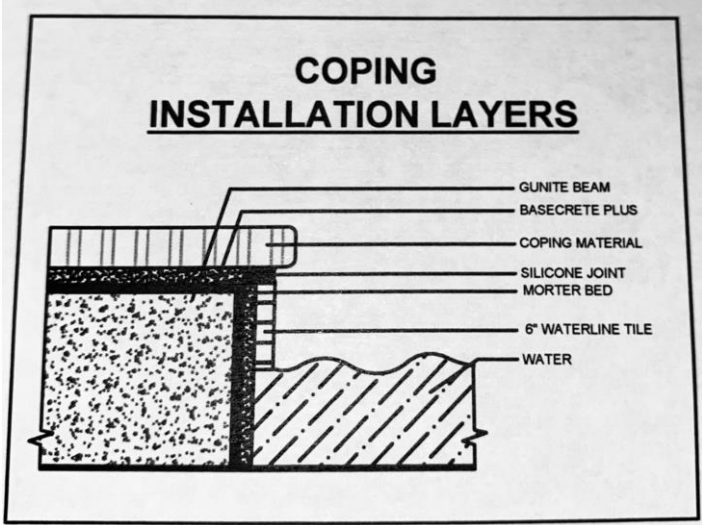
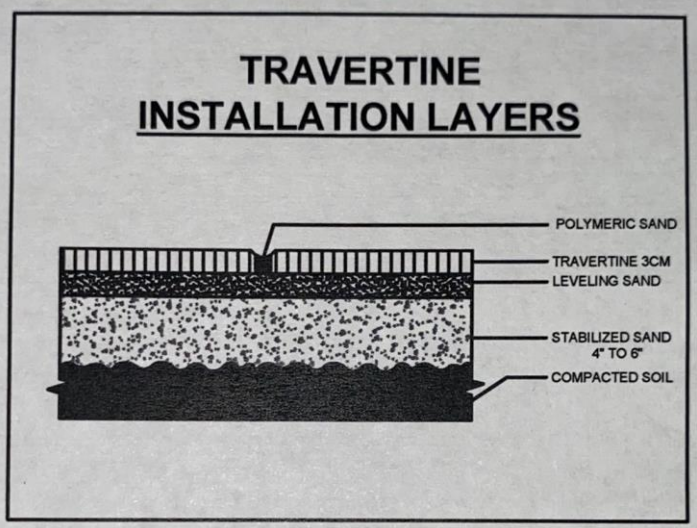
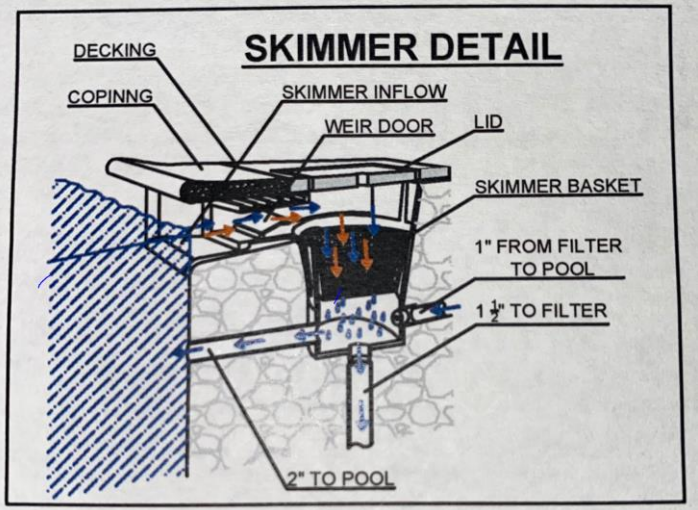
> Concrete Coverage @ Reinforcement

> 4,500 Min Psi pump Grade Concrete Ready Mix

> Bar Ends Lapped @ 40 BAR Diameters

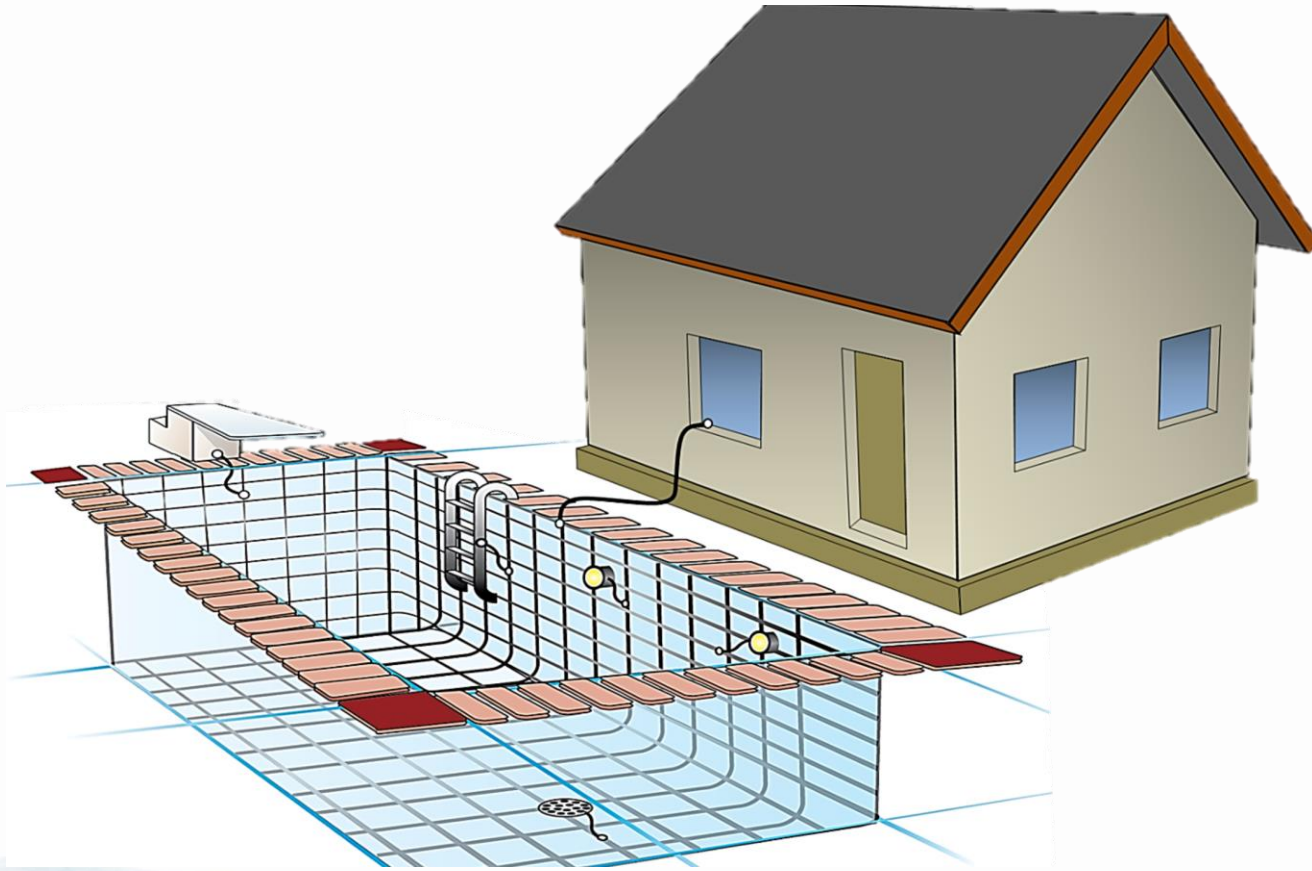


# The Wilson Residence





# The Wilson Residence



- **Grounding of metal components**

size 8 or larger. wire ran from external bonding lug to reinforcing rod or mesh. No. 8 AWG (8.4 mm<sup>2</sup>) solid copper bonding wire connected to the pressure wire connector provided on the motor housing and to all metal parts of swimming pool, spa, or hot tub, and to all electrical equipment, metal piping (except gas piping), and conduit within 5 ft. (1.5 m) of inside walls of swimming pool, spa, or hot tub.



# The Wilson Residence

## Load Analysis

Equipment	SPECS
TriStar VS 950 Omni(variable speed)	2.7HP , 10.9 amps
TriStar VS 900 Omni(variable speed)	1.85HP , 0.4-11 amps
H-Series Natural Gas 400,000 BTU Heater	110 - 130VAC, 2 amps, 50/60Hz
6060 Booster/Cleaner Pump(variable speed)	.75 HP , 6.8-13.3 amps
9Led Pool + 1Led Spa Lights	33.75amps
TOTAL LOAD	44.7amps

# The Wilson Residence



Roll over image to zoom in

## Outdoor Gate Pool Alarm with 2 Remote Control Wireless Waterproof Outdoor Sensor Alarm for In ground Pool, Fence, Home, Entrance Alert, Kids Safety

Brand: YisTech

★★★★★ 11 ratings | 4 answered questions

List Price: ~~\$25.99~~ Details

Price: **\$22.99** Get **Fast, Free Shipping** with Amazon Prime & FREE Returns

You Save: **\$3.00 (12%)**

**Coupon**  Save an extra 5% when you apply this coupon.

Details

Get \$50 off instantly: Pay \$0.00 ~~\$22.99~~ upon approval for the Amazon Rewards Visa Card. No annual fee.

- 1 Gate Alarm and 2 Remote Controller, The magnetic sensor will alarm immediately when the two items are aparted more than 0.6 inches. Super loud—the loudest 140db. It promptly reminds you and your family to enter and leave your home or pool in real time.
- The magnetic sensor alarm is IP67 Waterproof. Suitable for outdoor gate alarm, pool alarm. Such as inground pool gate, fence, patios, shed, entrances and exits. Prevent robbery and door prying. It is a good choice for home kids safety.
- Remote Controller is Easy Carry.It can Be put in pocket. Or Hang on the keychain. You can use the remote to set disarm, alarm, doorbell and emergency SOS within 50 feet.
- The Door Alarm Unit has 3 Working Modes for Your Choice. 3 Level Adjustable Volume From 110dB to 140dB.
- Easy to Install and use: Dual operation of keypad(password) and remote, easier to operate than using bypass key. One remote-controller can be paired with multiple magnetic sensors. (NOTICE: MAKE SURE THE GAP BETWEEN THE ALARM AND MAGNET PART WITHIN 0.6 INCHES / 1.5 CM.)



# The Wilson Residence

## 2021 DEPARTMENT OF ENERGY (DOE) REGULATORY CHANGES



- The U.S. Department of Energy (DOE) regulatory changes for dedicated-purpose pool pumps (DPPP) affect what can be manufactured after July 19, 2021.
  - » This is a DOE-driven initiative EVERY manufacturer will be required to comply with
  - » The purpose is to meet new legislative energy-efficiency standards
- Affects SOME (not all) single-speed pumps.
  - » Important: All Hayward Super Pump® and MaxFlo® XL single-speed pumps 1 HP and lower meet the new DOE energy-efficiency standards
  - » Single-speed pump options:
    - » All 1 HP and lower MaxFlo XL models are fully compliant
    - » All 1 HP and lower Super Pumps—the world's best-selling single-speed pumps—are fully compliant and will continue to be manufactured.
  - » Variable-speed pump options:
    - » Hayward variable-speed pumps are the most energy-efficient on the market as measured by the new DOE weighted energy factor (WEF) standards, boasting the industry's highest WEF per published ENERGY STAR® data.\*
- Responsibility for compliance falls on manufacturers. Dealer inventory and customer purchasing will not be directly affected.
  - » July 19, 2021 is the date non-compliant pumps will no longer be *manufactured*
  - » After July 19, 2021, dealers can still buy the older pumps and install them, as long as they can find available inventory
  - » Customers will not have to return product—and they won't want to, because the non-compliant models will likely be in high demand from dealers who like their performance and relatively low cost
- Most above-ground products will be compliant, although their associated horsepower ratings may change.
- Visit [hayward.com/regulations](http://hayward.com/regulations) for more information.



TRISTAR® VS 900  
VARIABLE-SPEED

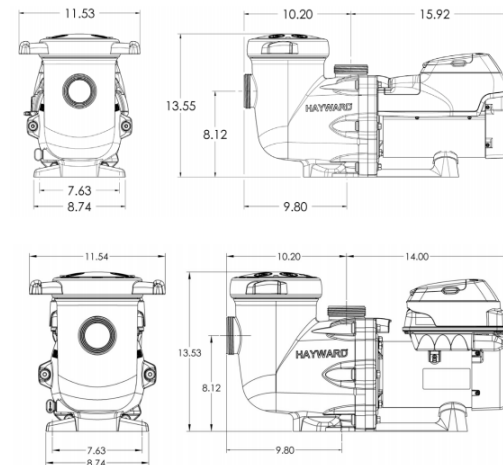
SUPER PUMP®  
SINGLE-SPEED

MAXFLO® XL  
SINGLE-SPEED



### Overview

The new family of VS Omni variable speed pumps offer incredible energy savings via their advanced hydraulic design combined with a totally enclosed permanent magnet motor. The four different VS Omni pump models are shown below with their dimensions and specs. Although very similar in design, this manual will point out any differences with installation, wiring and operation. Refer to the label on your pump to determine which model you have and follow any specific instructions related to your pump throughout this manual.



#### TriStar VS 950 Omni

<b>Voltage:</b>	230 VAC, 60Hz, Single Phase
<b>Amps:</b>	10.9 amps
<b>Speed Range:</b>	600 - 3450 RPM
<b>Horsepower:</b>	2.7 hp

#### TriStar VS 900 Omni

<b>Voltage:</b>	230 VAC, 60Hz, Single Phase
<b>Amps:</b>	0.4 - 11.0 amps
<b>Speed Range:</b>	600 - 3450 RPM
<b>Horsepower:</b>	1.85 hp

\*Claim based on TriStar VS 900 pump rating per Dept. of Energy efficiency metrics as of October 12, 2020. Visit [hayward.com/regulations](http://hayward.com/regulations) for details.

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# The Wilson Residence

## DISCOVER THE POWER OF SIMPLE WITH OMNIHUB®

OmniHub offers control over a full range of existing pool and spa equipment like pumps, heaters, lights, sanitization, water features and more. In just a few hours, you can easily install OmniHub for an in-ground or above-ground pool to control nearly any feature from the display, the OmniLogic® mobile app or popular voice control devices.



**PUMPS**  
Control speed & program schedule



**HEATER**  
Adjust temperature



**LIGHTS**  
Dim, schedule or change colors



**SALT SYSTEM**  
Monitor & set chlorination



**CLEANER**  
Schedule cleanings



**WATER FEATURES**  
Set schedules & themes



**SPA**  
Switch to spa mode



**HEY GOOGLE® TURN ON THE SPA.**  
OmniHub works with popular voice control devices you already use, including Amazon® Alexa® and Google Home®, for total pool control.



**Control Display** can be wall-mounted, features an intuitive touchscreen interface and maintains pool pad control even without internet connection



**Wiring Base Unit** offers connections for both high and low voltage wiring for easy configuration



**Smart Relay** converts existing equipment for control with OmniHub (connect up to three Smart Relays for additional control)



**OmniLogic App** offers total control of virtually any pool or spa feature

### OMNIHUB AND ACCESSORIES

MODEL NUMBER	DESCRIPTION
HLOMNIHUB	OmniHub Smart Pool and Spa Control
HLH485RELAY	Omni® RS485 Smart Relay
HL485SPAKIT	Two Valve Actuators and Smart Relay
GVA-24	Valve Actuator 24 Volt
HLWIRELESS	OmniLogic Wireless Waterproof Remote
HLSPASIDE	OmniLogic Spa Side Remote
HL-CHEM	Sense and Dispense*
HLAORPCB	AquaRite® Daughter Board
HLPMPCONV	OmniHub Converter Board

» [hayward.com/omnihub](http://hayward.com/omnihub) » 1-888-HAYWARD

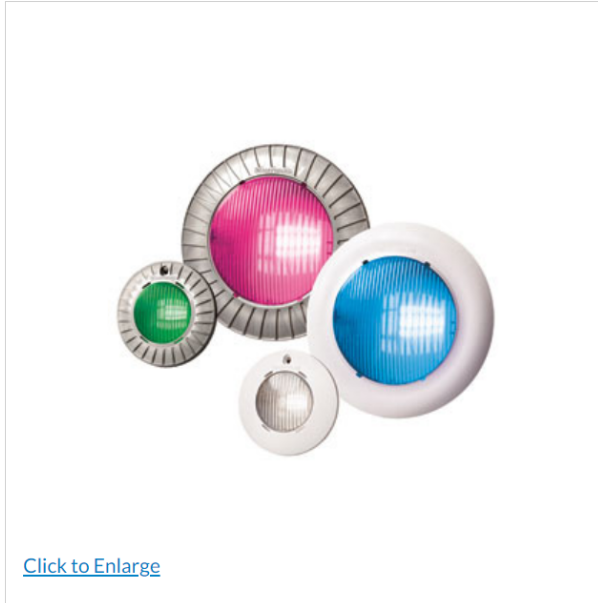
[Pumps](#) » [Filters](#) » [Heaters](#) » [Sanitization](#) » [Automation](#) » [Lighting](#) » [Water Features](#) » [Cleaners](#) » [Safety](#)

Mobile phone not included with OmniHub.

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**HAYWARD**  
We Build Better.®

# The Wilson Residence



## UCL Networked Color Pool 12V 100'

Item #LPCUN11100

[Write a Review](#)

### Product Description

Our new Hayward ColorLogic® pool and spa lights are not only 100% brighter\* than any other color LED lighting, they're the only LED lights listed by UL to retrofit the vast majority of existing installed light niches. No pool owner/operator has ever had this much control over color, luminescence, movement and mood.

Universal ColorLogic has an optimized optic design that directs light through the entire body of water. They come standard with 10 vibrant colors and 7 programmed light shows to choose from. The unique 12V, 2-wire, all plastic design with no exposed metal and an unbreakable lens requires no bond, no ground and no GFCI for safe installation when installed in Thin Niche. Install it as close as 4 inches from the waterline.



- UL listed for installation in virtually any pool or spa niche
- 100% brighter\* than any color LED light on the market
- Use up to 86% less energy than incandescent lights and last 10x longer
- Breathtaking 10 fixed colors and seven color-changing shows
- Can be installed in a little as 4in below the waterline, and on the wall or the floor without a rock guard
- 12V, 2-wire, all plastic design with no exposed metal and an unbreakable lens requires no bond, no ground and no GFCI for safe installation
- Programmable to match ColorLogic or Pentair® SAM® light shows
- 30, 50 and 100' models available
- Available in a switch sync, stand-alone versions or a network version that integrates with Pro Logic
- UCL Thin Niche provides incredible installation savings for new construction
- Retrofit transformer kits available for easy high-to-low-voltage J-Box conversion
- 300 watt transformer available for multi-light installations
- Ships with smooth white and silver luster starburst trim rings. Additional rings are also available in faux chrome, black, blue, beige, gray and white starburst



# The Wilson Residence

## HydraPure Advanced Oxidation Sanitization System

[Write a Review](#)

### Product Description

Perfect for new or existing pools, HydraPure's advanced oxidation process combines UV and ozone to form hydroxyl radicals. Together these three sanitizers destroy 99.9%\* of chlorine-resistant bacteria and viruses.

- Eliminates 99.9%\* of chlorine-resistant bacteria and viruses with UV, ozone and hydroxyl radicals via advanced oxidation process (AOP)
- All-in-one design is fast and simple to install with rotatable lid for easy access to the control panel
- UV, Ozone and Hydroxyl Radicals reduce the amount of chlorine required for effective sanitization
- Reduces chlorine required for effective sanitization, cutting chloramines by 50% to create softer, gentler water
- Operates efficiently with low head loss at flow from 10-120 GPM without requiring a bypass
- Easy to winterize
- Available in 120V corded or 120V/240V conduit connections
- Expert Line™ products are only available through your local pool professional
- 3-year limited warranty and 1-year limited warranty on UV and Ozone lamps when purchased from a Totally Hayward® Partner

\*Destroys 99.9% of chlorine-resistant microorganisms up to 80 GPM, with a reduced level above 80 GPM.



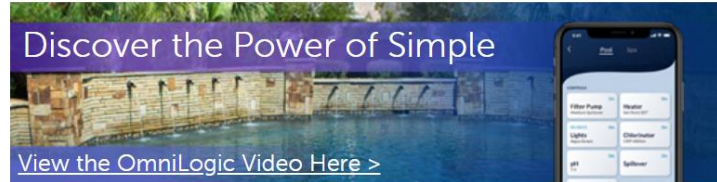
# The Wilson Residence



## OmniLogic Smart Pool and Spa Control

[Write a Review](#)

### Product Description



Elite automation for fully featured new pool and spas. OmniLogic® brings backyard control to the forefront of pool technology. Enjoy the luxuries of full automation from the most intuitive app with effortless upgrades to always keep your backyard on the cutting edge.

**Eliminate complexity.** With the most intuitive, icon-based user-interface, set your controller to fit your preferences quickly and easily

**Modular Expandability.** Equipped with 4 relays with flexibility to upgrade. Increase to 20 relays with HLRELAY, HLRELAYBANK and HLEXPAND

**OmniDirect Mode.** Pair ColorLogic LED lighting and water features with Hayward automation to get additional color options, dimming control and more

**Salt Compatibility.** Designed to be salt-ready and enables you to lower your salt level down to 800 ppm. Compatible with Sense & Dispense, let OmniLogic keep your chemicals perfectly balanced.

**Pump Control.** Full control of up to 16 Variable Speed Pumps without using any relays

**Automatic Cover Scale-Back Mode:** automatically adjusts pump, chlorinator and heating settings for maximum efficiency when an electronic pool cover is closed

**Compatible with Omni® Remotes:** HLWRELESS, HLWALLMOUNT and HLPASIDE

**OmniLogic app:** Controlling your entire pool pad is easy, fast and intuitive. Set schedules or themes, monitor and make adjustments when desired

**Effortless Voice Assisted Device Control.** Works with popular voice control systems like Amazon® Alexa® and Google Home®

# The Wilson Residence



## Universal H-Series Natural Gas 400,000 BTU Low NOx (Expert Line)

Item #H400FDN

[Write a Review](#)

### Product Description

EXPERT LINE products are only available through your local pool professional.

The Universal H-Series is an energy efficient, high performance, installation adaptable unit with a commitment to the pool service professional.

- Standard cupro nickel heat exchanger
- Excellent salt water and chemical corrosion resistance
- Exclusive "Totally Managed" cupro nickel heat exchanger water flow
- Same water velocity through all tubes for faster heating
- Patented header by-pass design
- Up to 18 percent savings by reducing pump run-time
- 2in x 2 1/2in CPVC union plumbing connections
- Common union for installation or service, adapts to larger plumbing recommended for greater efficiencies
- Low NOx emissions - meets clean air quality standards

*City of*  
**BUNKER HILL VILLAGE**  
WWW.BUNKERHILLTX.GOV

October 4, 2023

Dear Resident:

This letter serves as notice to adjacent residents for the following public hearing:

**Notice of Public Hearing**

The Zoning Board of Adjustment of the City of Bunker Hill Village, Texas will hold a public hearing in the Council Chambers and online via ZOOM, Bunker Hill Village City Hall, 11977 Memorial Drive, Houston, Texas at 5:00 p.m. on Wednesday, October 18, 2023 to consider the following:

**AN APPLICATION FROM GLENN AND ALISON WILSON REQUESTING A VARIANCE  
TO APPENDIX A, SECTION 7.08 SWIMMING POOLS  
FOR 11907 LAURIE LANE**

The application and materials may be examined on the City's website at [www.bunkerhilltx.gov](http://www.bunkerhilltx.gov) and in the office of the Director of Public Works, 11977 Memorial Drive, during normal business hours between the hours of 7:00 a.m. to 12:00 p.m. and 1:00 p.m. to 4:30 p.m. Monday through Thursday and 7:00 a.m. to 12:00 p.m. on Friday excluding City Holidays.

At said hearing all interested parties shall have the right and opportunity to appear and be heard on the subject. Instructions to provide public comments via ZOOM are included on the City's Website at [www.bunkerhilltx.gov](http://www.bunkerhilltx.gov).

Sincerely,

Gerardo Barrera, City Administrator/ Acting City Secretary

This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive service must be made 48 hours prior to this meeting. Please contact the City Secretary's office at 713-467-9762 for further information.

