

BLOCK 89.01 LOT 40 QUALIFICATION CODE _____ ADDRESS (SITE) 27 Brower Dr PERMIT NO. 16-1481



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

C16-000747

I. IDENTIFICATION

1. Proposed Work Site at: 27 Brower Dr
2. Name: Dino Natale
Tel. () _____ e-mail _____
Address 27 Brower Dr Brick 08723
street municipality zip code
3. Ownership in Fee: Public _____ Private X
4. Principal Contractor: Paradise Pools and Spas NJ Tel. (732) 920-7727
Address 515 Brick Blvd e-mail paradisepoolsandspasnj@yahoo.com
Brick NJ 08723
License No. OR, if new home, Builder Reg. No. 13V H04360900 Exp. Date 3-31-16
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
Federal Emp. ID No. 261773585 FAX: (732) 920-2257
5. Architect or Engineer: Midstate Engineering Contact: Chet DiLorenzo
Address 82 Walnut Hill Lane e-mail chetedilorenzo@gmail.com
Tel. (732) 308-4226 FAX: (732) 308-4190
6. Responsible Person in Charge once Work has Begun: Paradise Pools and Spas NJ
Tel. (732) 920-7727 FAX: (732) 920-2257

V. FEE SUMMARY (for office use only)

	Update	Update
1. Building	\$ <u>250</u>	
2. Electrical	\$ <u>275</u>	
3. Plumbing	\$ <u>180</u>	
4. Fire Protection		
5. Elevator Devices		
6. Subtotal		
7. Less 20% for State Plan Review	\$	
8. Subtotal	\$	
9. State Permit Surcharge Fee	\$ <u>61</u>	
10. Subtotal	\$	
11. Cert. of Occupancy		
12. Other	\$ <u>150</u>	
13. TOTAL	\$ <u>866</u>	

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
1. Number of Stories	
2. Height of Structure	ft.
3. Area — Largest Floor	sq. ft.
4. New Building Area	sq. ft.
5. Volume of New Structure	cu. ft.
6. Max. Live Load	
7. Max. Occupancy Load	
8. If Industrialized Building: State Approved _____ HUD _____	
9. Total Land Area Disturbed	sq. ft.
10. Flood Hazard Zone	
11. Base Flood Elevation	ft.
12. Wetlands yes _____ no _____	

IIa. PROPOSED WORK

- ☐ Minor Work IG pool ☐ New Building ☐ Addition ☐ Demolition
☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction
☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☐ Building
☒ Electrical
☐ Plumbing
☐ Fire Protection
☐ Elevator

TOTAL COST

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
	MFF	2/22/16		4/25/16	AM			
				3/7/16	AF			
				8-3-16	AF			
	Eg	2/27/16		2/27/16	1/8/16			

III. PLAN REVIEW (optional)

DO YOU WANT:

1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____
4. No. of dwelling units: Total Units Income-restricted
Gained, Sale _____
Gained, Rental _____
Lost, Sale _____
Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____

C. MIXED USE -List secondary use(s):

- D. Construct. Classification: Present _____
Proposed _____

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☒ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☒ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☒ I further certify that I will perform or supervise the following work:

C.1. ☒ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☒ Electrical C.4. ☒ Plumbing

- D. ☒ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name Paradise Pools and Spas NJ

Address 515 Brick Blvd Brick NJ 08723

Telephone (732) 920-7727

Signature [Signature]

III. () LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 10/28/2016
Control Number C-16-000747
Permit Number 16-1481
Permit Issue Date 05/06/2016
Certificate Number 16-1481

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 27 BROWER DR. Brick Township, NJ Block: 89.01 Lot: 40 Qual: _____
Owner in Fee: NATALE, DION
Owner Address: 2378 WALDHEIM AVE SCOTCH PLAINS NJ 07076
Telephone: [REDACTED]
Contractor PARADISE POOL AND SPAS, NJ
Address 515 BRICK BLVD BRICK NJ 08723
Telephone: (732) 920-7727 Fax: (732) 928-7739
License Number or Builders Registration Number: 13VH04360900 Federal Emp. Number: 26-177328-3

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: U Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: INGROUND SWIMMING POOL

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

David Newman Jr.

Construction Official

Fee: \$0.00

Check Number: _____

Collected By: _____



EASYTOUCH®

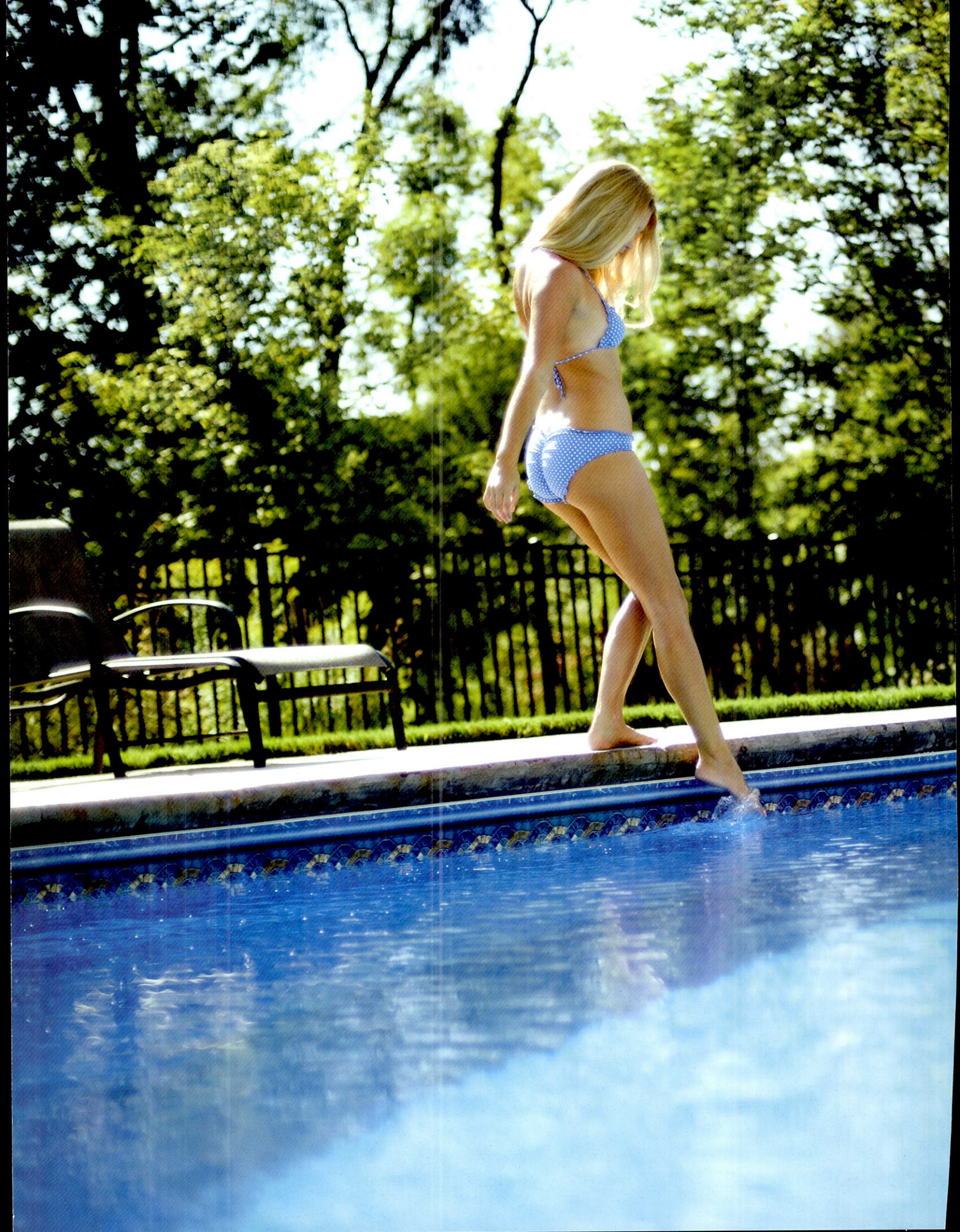


EASYTOUCH®

POOL AND SPA CONTROL SYSTEM



pentairpool.com



WHO SAYS POOL AUTOMATION HAS TO BE COSTLY AND COMPLICATED?

Scheduling and controlling the operation of pool and spa equipment and related poolscape accessories is now blissfully automatic, simple and affordable. EasyTouch® Pool and Spa Control Systems eliminate the inconvenience of repeated trips to the equipment pad, memorizing operating sequences, opening and closing valves and resetting time clocks and thermostats.

What's more, EasyTouch systems set the standard for operating simplicity with push-button operation and clear, intuitive instructions and displays. Your EasyTouch system includes all circuitry and fully programmable controls in a single Load Center installed near your pool or spa equipment. This avoids expensive wiring and installation costs to make an EasyTouch system affordable for any budget.

THE ULTIMATE CONVENIENCE IN POOLSIDE CONTROL, RIGHT AT YOUR FINGERTIPS

Add an optional ScreenLogic® Interface Kit to your EasyTouch system and you can control everything from pool and spa temperatures, to jets, lighting, water features and more—from your favorite mobile digital device. The ScreenLogic interface gives you access to your pool and spa's operation from practically anywhere, anytime using your PC or Mac® computer, iPad®, iPhone® or iPod touch® mobile digital device, or Android® device. Whether you're across the deck or around the globe, pool control has never been this easy.

AN ECO SELECT® BRAND PRODUCT

Pentair® control systems can optimize energy use and equipment performance by automating and synchronizing equipment scheduling. They prevent problems and waste so you don't have to rely on your memory or limited time clocks to operate or turn off equipment.

As the global leader in pool and spa equipment manufacturing, we strive to provide greener choices for our customers. We hope you'll join us in embracing more eco-friendly poolscape by choosing Eco Select brand products for your swimming pool.



EASYTOUCH®

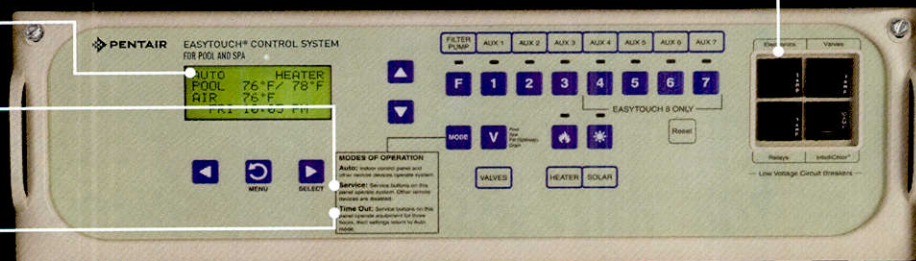
POOL AND SPA CONTROL SYSTEM

Resettable circuit breakers are readily accessible by you or service professionals from outside your home

LCD display informs and instructs every step of the way

Service mode aids in system testing and troubleshooting—no need for service personnel to enter your home

Time Out mode allows programs to be temporarily interrupted before automatically resuming several hours later—no need to reprogram



EASY TO INSTALL, EASY TO MANAGE

EasyTouch systems are available for a separate spa, a separate pool, or a pool/spa combination with shared equipment. You select from systems that control four or eight accessory functions. Four-function systems are typically used to control pool and/or spa operation plus pool or spa lights and heaters. Eight-function systems allow separate scheduling for additional features, such as landscape lighting, waterfalls, fountains, additional heaters and more. Take the work and worry out of scheduling and operating pool and spa heating, filtration and cleaning cycles. For even greater convenience, you can add any of these optional controllers:

- All functions controlled with easy, one-button access from the Load Center.
- A variety of optional, simple-to-use remote, wired or wireless controllers for added convenience.
- Full programmability of everyday equipment operation for optimum efficiency. Re-program for variable pool/spa usage patterns or when adding or changing equipment to maintain peak efficiency.
- Onboard diagnostics make service simple. Built-in, self-test diagnostics give you the ability to verify correct operation of specific functions, and a diagnostic screen reports failures for troubleshooting and repair.



EasyTouch System
Indoor Control Panel
(for 4 or 8 function control)



EasyTouch System
Wireless Controller



SpaCommand®
Spa-side Remote



iS4 Spa-side
Remote

AVAILABLE FROM:



1620 HAWKINS AVE, SANFORD, NC 27330 800.831.7133 WWW.PENTAIRPOOL.COM

All Pentair trademarks and logos are owned by Pentair or one of its global affiliates. EasyTouch®, ScreenLogic®, Eco Select® and SpaCommand® are trademarks and/or registered trademarks of Pentair Water Pool and Spa, Inc. and/or its affiliated companies in the United States and/or other countries. Mac®, iPad®, iPhone® and iPod touch® are registered trademarks of Apple Inc. in the United States and/or other countries. Android® is a registered trademark of Google, Inc. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products

4/15 Part # P2-023 ©2015 Pentair Water Pool and Spa, Inc. All rights reserved.

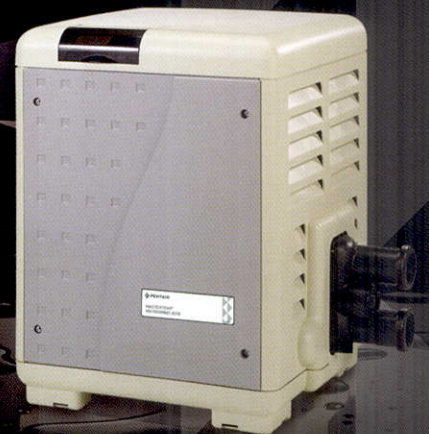


MASTERTEMP®



MASTERTEMP®

HIGH PERFORMANCE HEATER



pentairpool.com

NO MATTER WHAT YOUR CRITERIA FOR TOP PERFORMANCE AND VALUE, THE MASTERTEMP® HIGH PERFORMANCE HEATER MEETS THEM ALL

FAST, EFFICIENT, COMPACT, QUIET, SAFE AND ECO-FRIENDLY

No matter what you're seeking in your swimming pool heater, the MasterTemp heater measures up. Compare this list of features to any other and you'll see why MasterTemp heaters are setting a new standard for total value.

- Very compact design for such a high performance heater, allows for smaller overall equipment pads that won't intrude on your poolscape.
- A fully pre-mixed system with a highly efficient air and gas mixture lets the MasterTemp heater heat up fast. No long waits before enjoying your pool or spa.
- Compare energy efficiency ratings and you'll find MasterTemp heaters at the top of the list. Comfort and economy can go together.
- With a hot surface ignition (no pilot light) and pushbutton, digital controls, the MasterTemp heater is as easy to operate as your home heating system. Plus, user-friendly indicator lights make system operation and monitoring a snap.
- The easy-to-view, rotating digital display places controls front and center, no matter how the MasterTemp heater is positioned on your equipment pad.
- MasterTemp heaters are engineered for super-quiet operation and won't intrude on your poolside leisure time.
- A tough, rustproof composite exterior handles the heat and weathers the elements.
- Eco-friendly, the MasterTemp heater is certified for low NO_x emissions and outperforms industry standards.
- Safe operation through a series of features, including: a water pressure switch that senses the pump is running to prevent overheating, high limit switches assure the heater turns off if water temperature exceeds factory-set limits, manual gas shut-off when service is required, stack flue sensor also guards against overheating.
- Approved for installation on combustible surfaces.

Don't be left out in the cold with heaters that don't measure up to today's longer list of must-have features. Insist on MasterTemp heaters and you're insisting on better performance and lifetime value.

POOL SIZING*

°F Temperature Change/ 24 Hrs.	Heater Size					Heater Size				
	Model 175	Model 200	Model 250/250HD	Model 300	Model 400/400HD	Model 175	Model 200	Model 250/250HD	Model 300	Model 400/400HD
	Pool Capacity in Gallons					Pool Surface Area in Sq. Ft. at 5.5' Depth				
5	85,210	97,383	121,729	146,075	194,766	2,069	2,364	2,955	3,546	4,727
10	42,605	48,691	60,864	73,037	97,383	1,034	1,182	1,478	1,773	2,364
15	28,403	32,461	40,576	48,692	64,922	690	788	985	1,182	1,576
20	21,303	24,346	30,433	36,519	48,691	517	591	739	887	1,182
25	17,042	19,477	24,346	29,216	38,953	414	473	591	710	945
30	14,201	16,230	20,288	24,345	32,461	345	394	493	591	788
35	12,173	13,912	17,390	20,868	27,824	296	338	423	507	675
40	10,651	12,173	15,216	18,260	24,346	259	295	369	443	591

*ASME models available. See your Pentair representative for details.



The MasterTemp heater's easy-to-read controls make system operation and monitoring simple. Pool and spa temperatures can be pre-set and controlled with the push of a button. A digital display indicates the water temperature, and five LED lights give you system status and let you know if the heater needs service.

Rotating digital display means more installation options and easier access to view operating information

Easy to install or retrofit in even the tightest space — models from 175M to 400M BTUs — all measure 21"L x 21"W x 28"H

Rustproof, tough composite exterior for long life

Available in natural gas and propane models



SPA SIZING*

Model	Spa Volume (Gallons)								
	200	300	400	500	600	700	800	900	1,000
	Minutes for 30°F Temperature Rise (Heater Input in 1000 BTU/HR)								
175	21.0	31.0	40.0	50.0	61.0	71.0	81.0	91.0	102.0
200	18.0	27.0	35.0	44.0	53.0	62.0	71.0	80.0	89.0
250/250HD	15.8	23.5	30.8	38.5	46.5	54.3	62.0	70.0	77.8
300	13.5	20.0	26.5	33.0	40.0	46.5	53.0	60.0	66.5
400/400HD	9.0	13.0	18.0	22.0	27.0	31.0	35.0	40.0	44.0

Note: The chart is based on a 30°F (16.6°C) temperature rise, discounting losses and only based on heat required to raise temperature in minutes. Two-year limited warranty. See warranty for details.

MASTERTEMP®

HIGH PERFORMANCE HEATER



WHY MASTERTEMP HEATERS ARE THE "GREENEST" CHOICE



AN ECO SELECT® BRAND PRODUCT

MasterTemp heaters offer best-in-class energy efficiency. Plus, they are certified for low NO_x emissions, making them eco-friendly favorites. That's why the MasterTemp heater is an Eco Select brand product.

The Eco Select brand identifies our "greenest" and most efficient equipment choices. These products save energy, conserve water, eliminate noise, or otherwise contribute to a more environmentally responsible equipment system.

As the global leader in pool and spa equipment manufacturing, we strive to provide greener choices to our customers. We hope you'll join us in embracing more eco-friendly pools-capes by choosing Eco Select branded products for your swimming pool.

AVAILABLE FROM:

BEST-IN-CLASS ENERGY EFFICIENCY

- High efficiency** rating makes these heaters extremely economical to operate. If your pool heater is more than 5 years old, chances are a MasterTemp heater could quickly pay for itself in utility bill savings.
- Optimized fuel/air mix provides superior efficiency and faster heat up.

CERTIFIED FOR LOW NO_x EMISSIONS

- In fact, our heaters outperform current industry standards for air pollution exhaust.

SUPER-QUIET OPERATION

BUILT TO LAST LONGER

- Tough composite exterior won't corrode; stands up to both heat and weather.

**Standard and ASME Copper Heat Exchangers 84% efficient. Heavy-Duty (HD) Cupro-Nickel Heat Exchangers 82% efficient.



1620 HAWKINS AVE, SANFORD, NC 27330 800.831.7133 WWW.PENTAIRPOOL.COM

All Pentair trademarks and logos are owned by Pentair or one of its global affiliates. MasterTemp® and Eco Select® are registered trademarks of Pentair Water Pool and Spa, Inc. and/or its affiliated companies in the United States and/or other countries. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products

2/15 Part # P1-004 ©2015 Pentair Water Pool and Spa, Inc. All rights reserved.



INTELLICHLOR®



INTELLICHLOR® SALT CHLORINE GENERATOR

Turns salt into chlorine right in your pool



pentairpool.com

GET PERFECT WATER WITHOUT HANDLING CHLORINE

NOW, SAFER, CRYSTAL CLEAR WATER IS AUTOMATIC

Electrolytic chlorine generation is the easiest, most effective and convenient way to keep pool water sparkling clean. The IntelliChlor® Salt Chlorine Generator uses common table salt to produce all the chlorine your pool needs, right in your pool—safely, effectively and automatically.

- Same sanitation performance as manual chlorine addition without the drawbacks.
- No need to buy, transport and store expensive chlorine compounds.
- No more odor, stinging eyes and irritated skin.

A NEW STANDARD IN CHLORINE GENERATOR TECHNOLOGY

IntelliChlor generators take electrolytic chlorine generation to a higher level of convenience, reliability and safety. But to understand why the IntelliChlor generator is better, it helps to first understand how it works.

Table salt (sodium chloride) is added to the pool water...less than a teaspoon of salt per gallon of pool water is all that's required. As the dissolved salt flows through the generator cell, it is electrolytically converted to pure chlorine, which is then distributed throughout the pool, sanitizing the water, keeping it fresh, clear and safer for swimmers.

Unlike conventional chlorine additives that must be constantly replenished, the salt is recycled continuously, day after day, to further reduce pool maintenance requirements. The generator even keeps itself clean with an automatic reverse cycling feature that helps prevent scale build-up for longer cell life.

SIMPLER, SAFER, AUTOMATIC

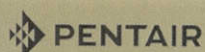
Monitoring chlorine production is easy with the IntelliChlor generator. It's the only one with all controls and displays built into the cell—and the only one providing so much helpful feedback to you. Just select from one of five sanitizing levels to easily manage chlorine addition.

- Easy-to-view displays enable fast checking of salt levels, cell cleanliness, sanitizer output and water flow.
- Adjustment is as easy as pressing two buttons.

- All performance data—production settings, hours of operation, chlorine output, cell cleaning cycles, salt readings and water temperature averages—is captured daily, making it easy to maintain perfect water.
- Cell use tracking feature communicates remaining hours of cell life in real-time.
- Integrated sensors in the generator cell ensure that water flow is adequate for safer chlorine generation; under low water temperature conditions, automatic shut-off feature protects the unit and prolongs cell life.
- One-year warranty. See warranty for complete details.

NOTE: Stand-alone installations require a power center (PN 520556).





IntelliChlor® chlorine generator

Salt Level

- Good FLASHING - high salt
GREEN - good salt

IDEAL SALT 3400 ppm

- Low RED - add salt
- low salt
(System off)

Status

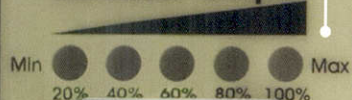
- Cold Water - System Off

- Cell GREEN - good
FLASHING - inspect cell

ACID CLEAN EVERY 3 MONTHS

- Flow GREEN - good flow
RED - no flow
(System off)

Sanitizer Output



Less

More

Boost
On/Off

Press both buttons simultaneously
for 24 hour 100% output

www.intellichlor.net



THE ONLY SALT CHLORINE GENERATOR WITH USER-FRIENDLY CONTROLS

Two LED Salt Level Indicators

Two-color Status Displays

Five Sanitizer Output Levels with Two-button Control

CHOOSE FROM THREE MODELS:

IntelliChlor IC20 Generator

The economical choice for smaller pools up to 20,000 gallons. Produces up to .70 pounds of chlorine every 24 hours.

IntelliChlor IC40 Generator

The capacity to sanitize larger residential and smaller commercial pools up to 40,000 gallons. Produces up to 1.40 pounds of chlorine every 24 hours.

IntelliChlor IC60 Generator

With extra capacity for pools up to 60,000 gallons. Produces up to 2.0 pounds of chlorine every 24 hours

RELIABILITY IS BUILT-IN

The IntelliChlor generator is engineered to stand up to the toughest pool conditions and provide years of dependable performance.

- Titanium electrode cell blades are coated with Ruthenium oxide.
- Control electronics are isolated in the cell, away from high heat components, for longer cell life.
- Electronics are waterproofed for maximum reliability.
- Rugged, dependable power supply/transformer is UL Listed and includes 15' of UL Listed cable with easy installation via quick connector on power supply.
- Union inlet and outlet connections make cell replacement fast and easy.

ENGINEERED FOR SAFETY

The IntelliChlor generator meets important standards for safety.

- The power supply cell and electronics meet the requirements of the UL 1081 Standard—the industry standard for pool chlorine generators.
- The power supply itself is UL Listed with flammability rating UL 94V0.



WHY THE INTELLICHLOR® SALT CHLORINE GENERATOR IS THE "GREENEST" CHOICE



PRODUCTION AND TRANSPORTATION ENERGY AND WASTE ARE REDUCED

- Less chlorine needs to be produced at chemical processing plants for use in swimming pools and spas. This reduces emissions and energy use from production, packaging and transportation.

PROVIDES EFFECTIVE SANITIZATION PERFORMANCE WITHOUT THE DRAWBACKS OF EXPENSIVE CHLORINE COMPOUNDS

- You no longer need to buy, transport, store or handle chlorine products. This reduces the chance of spills or accidental exposure and eliminates cost.
- Because the chlorine is pure, the odor, stinging eyes and irritated skin caused by additives in packaged chlorine are eliminated.

ENGINEERED TO STAND UP TO THE TOUGHEST POOL CONDITIONS AND PROVIDE YEARS OF DEPENDABLE SERVICE

- Control electronics are isolated in the cell for longer cell life.
- Waterproofed electronics allow for maximum reliability.

AVAILABLE FROM:



1620 HAWKINS AVE, SANFORD, NC 27330 800.831.7133 WWW.PENTAIRPOOL.COM

All Pentair trademarks and logos are owned by Pentair or one of its global affiliates. IntelliChlor® and Eco Select® are registered trademarks of Pentair Water Pool and Spa, Inc. and/or its affiliated companies in the United States and/or other countries. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products

3/14 Part # P2-101 ©2014 Pentair Water Pool and Spa, Inc. All rights reserved.



AN ECO SELECT® BRAND PRODUCT

Using only common table salt, the IntelliChlor generator creates pure chlorine in your pool and eliminates the need to buy, store and add harsh chlorine products manually. In effect, fewer resources are used in the production, packaging and transportation of these chemical compounds. That's why the IntelliChlor generator is an Eco Select brand product.

The Eco Select brand identifies our "greenest" and most efficient equipment choices. These products save energy, conserve water, eliminate noise, or otherwise contribute to a more environmentally responsible equipment system.

As the global leader in pool and spa equipment manufacturing, we strive to provide greener choices to our customers. We hope you'll join us in embracing more eco-friendly poolscape by choosing Eco Select brand products for your swimming pool.



SAND DOLLAR®

SAND DOLLAR® TOP MOUNT SAND FILTER



SO CLEAN. SO CLEAR. SO EASY.

The Sand Dollar filter is the perfect high performance sand filter. It's incredibly simple to operate and maintain, and it's built with long-term reliability in mind. Plus, its highly efficient design provides all the clean, crystal clear water your pool requires year after year.



Pool water is routed through the sand-filled pressure vessel. The sand traps particles so small they are undetectable to the naked eye. Over time, dirt accumulates in the spaces between the sand particles, causing the pressure in the vessel to rise. This signals you to "backwash" the filter. Simply reverse the water flow and "knock out" the dirt.

All Pentair sand filters feature a special internal design that maintains the sand bed level and ensures even water flow. That results in the most efficient filtration possible.

- One-piece thermoplastic tank for exceptional strength, corrosion resistance and long life.
- Combination water and sand drain makes servicing and winterizing fast and easy.
- Special internal design maintains sand bed level for consistent performance and extended time between cleaning cycles.
- Attractive almond color blends with any outdoor décor.

SAND DOLLAR® TOP MOUNT SAND FILTER

Six-function multi-port valve for easy control of all filter functions

- Filter
- Waste
- Backwash
- Closed
- Rinse
- Recirculate

One-piece thermoplastic tank for strength and corrosion resistance

Combination water and sand drain for easy service and winterizing



Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	Required Sand† (lbs.)	Flow Rate GPM**	Turnover Capacity-Res. (Gallons)		
						8 hrs.	10 hrs.	12 hrs.
SD 35	1.4	36.75"	16.5"	100	35	16,800	21,000	25,200
SD 40	1.8	46.0"	19.5"	150	40	19,200	24,000	28,800
SD 60	2.3	50.5"	22.5"	200	60	28,800	36,000	43,200
SD 70	3.15	73.0"	24.0"	300	70	33,600	42,000	50,400
SD 80***	3.5	74.0"	26.0"	350	75	36,000	45,000	54,000

† Use standard #20 silica sand

* Required clearance to remove the valve

** Maximum flow rate

*** SD 80 available with 1½" or 2" valve

FOR MAXIMUM WATER CLARITY.

Pool filter operation doesn't come any easier. The multi-port valve of the Sand Dollar filter puts all filter functions right at your fingertips—just rotate the handle to the desired position and the Sand Dollar filter does the rest for sure and simple operation.

- Top Mount six-function 1½" multi-port valve features a pressure gauge and manual air relief for optimum filtration efficiency.

- Internal design ensures that water is exposed to maximum sand surface area for superior filtration performance and efficient backwashing.
- Large capacity SD 80 model is available with 1½" or 2" valve.

AVAILABLE FROM:



1620 HAWKINS AVE, SANFORD, NC 27330 800.831.7133 WWW.PENTAIRPOOL.COM

All Pentair trademarks and logos are owned by Pentair or one of its global affiliates. Sand Dollar® is a registered trademark of Pentair Water Pool and Spa, Inc. and/or its affiliated companies in the United States and/or other countries. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products

6/14 Part # P1-041 ©2014 Pentair Water Pool and Spa, Inc. All rights reserved.



BUILDING SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 8901 Lot 40 Qualification Code _____
Work Site Location 27 Brewer Dr Brick

Owner in Fee: Don Natale

Tel. _____ e-mail _____

Address 21 Brewer Dr Brick 08723

Contractor: Paradise Pools and Spas NJ Tel. (732) 920-7727

Address 515 Brick Blvd e-mail spasnj@yahoo.com

Brick NJ 08723

Contractor License No. or Builder Registration No. 13VH04300900 Exp. Date 3-3-14

Home Improvement Contractor Registration No. or Exemption Reason (if applicable):

Federal Emp. ID No. 261773585 FAX: (732) 920-2257

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Type:	Failure	Failure	Approval	Initial
☐ No Plans Required								
☐ All <u>4/25/16 pm</u>				<u>Footings</u>	<u>Collar</u>	<u>6-6-16 W</u>	<u>06/13/16</u>	<u>KEK</u>
☐ Footings/Foundations								
☐ Structural/Framework								
☐ Exterior								
☐ Interior								
Joint Plan Review Required:								
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator								
SUBCODE APPROVAL for PERMIT								
Date: <u>04/26/16</u>								
Approved by: <u>Ray</u>								
SUBCODE APPROVAL for CERTIFICATE								
☐ CO ☐ CCO								
Date: <u>08/14/16</u>								
Approved by: <u>Ray</u>								
Barrier-Free								
TCO								
Mechanical								
Energy								
Finishes -Base Layer								
Finishes -Final								
Other								
Final								
Barrier-Free								

B. BUILDING CHARACTERISTICS

Use Group	Present	Proposed	Constr. Class	Present	Proposed
No. of Stories			If Industrialized Building:		
Height of Structure			State Approved		
Area — Largest Floor			HUD		
New Bldg. Area/All Floors			Est. Cost of Bldg. Work:		
Volume of New Structure			1. New Bldg.		
Max. Live Load			2. Rehabilitation		
Max. Occupancy Load			3. Total (1+2)		

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agency of) owner of record and am authorized to make this application.

Sign here: _____

Print name here: _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Improve Pool with lights + heater

See details on plans

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence
- ☐ Sign
- ☒ Pool
- ☐ Retaining Wall
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☐ Other
- ☐ Demolition

FEE (Office Use Only)

Administrative Surcharge	\$
Minimum Fee	\$
State Permit Surcharge Fee	\$
TOTAL FEE	\$

6-6-16 M * Collar Rej -

1) No Plans -

2) Safety Fence is down

NO INSPECTION DONE

(B) tech





ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Control #
Date Issued
Permit #

5/6/16
16-1481

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 89.01 Lot 40 Qualification Code _____
Work Site Location 27 Brower Dr

Owner in Fee: Dion Natale

Tel: _____ e-mail: _____

Address 27 Brower Dr Brich 08723
street municipality zip code

Contractor: L.A. ELECTRIC, INC. Tel: 907-600-7808
Address 170 Deuce Ave e-mail: INDY4G@COMCAST.NET
SPOTSWOOD, NJ 08224

Contractor License No. 1532 Exp. Date 3-18

Home Improvement Contractor Registration No. or Exemption Reason (if applicable):

Federal Emp. ID No. 20-1980267 FAX: 732-573-9709

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 2000

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Failure	Approval Initial
[] No Plans Required		Rough			<u>6-7-16</u>
[] Partial -Underslab Utilities Approved		Barrier-Free			<u>6-7-16</u>
Date: _____ Approved by: _____		Trench			<u>6-7-16</u>
[x] Electric Plans Approved		Temp. Serv.			<u>7-13-16</u>
Date: <u>3/7/16</u> Approved by: <u>RJC</u>		Final			<u>7-18-16</u>
Joint Plan Review Required:		Barrier-Free			
[] Bldg. [] Plumb. [] Fire. [] Elev.		Temp. Cut-in-Card Date Issued			
SUBCODE APPROVAL for PERMIT		Final Cut-in-Card Date Issued			
Date: <u>3/7/16</u>		Annual Pool Inspection			
Approved by: _____		Date of Grounding and Bonding Certification			
SUBCODE APPROVAL for CERTIFICATE					
[] CO [] CCP [] CA					
Date: <u>2/18/16</u>					
Approved by: _____					

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent or) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: L.M. ARCE

Print name here: L.M. ARCE

[x] Licensed Elec. Contractor [] Certif'd Landscape Irrigation Contr'r [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: I.G. Light Pool with

QTY.	SIZE	ITEMS	FEE (Office Use Only)
1		Lighting Fixtures	
		Receptacles	
		Switches	
		Detectors	
		Light Poles	
		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
		TOTAL NUMBERS	
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
		KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
		KW Central A/C Unit	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
		AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

Administrative Surcharge \$
Minimum Fee \$
State Permit Surcharge Fee \$
TOTAL FEE \$

7 12 16 E Bang covered

@tech ↑



PLUMBING SUBCODE TECHNICAL SECTION



Date Received
Control #

5/6/16

Date Issued
Permit #

16-1481

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 89.01 Lot 40 Qualification Code _____
Work Site Location 27 Brower Drive, Brick

Owner Dion Natale

Title _____ e-mail _____

Address 27 Brower Drive Brick NJ 08723

Contractor Dion's Plumbing+Heating LLC Tel. 9089289228

Address 2378 Waldheim Ave e-mail dionsplumbing@gmail.com

City Scotch Plains NJ 07076

Contractor License No. 36B100945500 Exp. Date 06/30/2017

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 22-3518044 FAX: (n/a)

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____

Building Sewer Size _____ Public Sewer _____ Private Septic _____

Water Service Size _____ Public Water _____ Private Well _____

Est. Cost of Plumbing Work \$ 75

JOB SUMMARY (Office Use Only)

PLAN REVIEW

- ☐ No Plans Required
☐ Partial -Underslab Utilities Approved

Date: _____ Approved by: _____

- ☐ Plumbing Plans Approved

Date: _____ Approved by: _____

Joint Plan Review Required:

- ☐ Bldg. ☐ Elec. ☐ Fire. ☐ Elev.

SUBCODE APPROVAL for PERMIT

Date: 3-3-16

Approved by: [Signature]

SUBCODE APPROVAL for CERTIFICATE

- ☐ CO ☐ CCO ☐ CA

Date: 8-30-16

Approved by: [Signature]

INSPECTIONS

Type: _____ Failure _____ Failure _____ Approval _____ Initial _____

Slab _____

Rough DRAINS _____ 5-23-16 [Signature]

Water _____

Sewer _____

Fixtures _____

Gas Equipment _____

Gas Piping _____ 5-23-16 [Signature]

LPGas Tank _____

Fuel Oil Piping _____

Solar _____

TCO _____ 8-30-16 [Signature]

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

[Signature]
Applicant's Signature/Contractor's Seal and Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Pool Heater

QTY.

FIXTURE/EQUIPMENT

Water Closet

Urinal/Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bibb

Water Heater

Fuel Oil Piping

Gas Piping

LPGas Tank

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor/Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other Main Drains

Other pool heater

FEE (Office Use Only)

\$ _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

☒ Licensed Plumbing Contractor ☐ Exempt Applicant

8-11-16 .352

Pool HTR. Needs a temp
Relief valve

Ⓟ tech

start loop

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☒ Zoning Officer	MC	2/24/16							ZA-16-00247
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition		Name of Code & Edition		Other	
Building	_____	Energy	_____	_____	
Electrical	_____	Barrier Free	_____	_____	
Plumbing	_____	Flood Hazard	_____	_____	
Fire Protection	_____	As Built Elevation Cert.	_____	_____	
Mechanical	_____	Other	_____	_____	

X. CERTIFICATES ISSUED (office use only)

	No.	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	_____	_____	_____	_____	_____
☐ Temporary Certificate of Compliance	_____	_____	_____	_____	_____
☐ Continued Certificate of Occupancy	_____	_____	_____	_____	_____
☐ Certificate of Compliance	_____	_____	_____	_____	_____
☐ Certificate of Occupancy	_____	_____	_____	_____	_____
☐ Certificate of Approval	_____	_____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	_____	_____	_____	_____	_____

OFFICE USE ONLY

IMPORTANT
A.H.B.T. - MANDATORY FEE - RESIDENTIAL

[illegible]