BLOCK 606 LOT 8 QUALIFICATION CODE _____ ADDRESS (SITE) 17 Holly Rd PERMIT NO. 09-0394

CONSTRUCTION PERMIT APPLICATION

09-000348

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

I. IDENTIFICATION

1. Proposed Work Site at: 17 Holly Rd, Brick, NJ 08723
2. Name of Owner in Fee: Adam Taylor
   Tel. [redacted] e-mail [redacted]
   Address 17 Holly Rd (street) Brick (municipality) 08723 (zip code)
3. Ownership in Fee: Public _____ Private X
4. Principal Contractor: Owner - Adam Taylor [redacted]
   Address 17 Holly Rd, Brick, NJ e-mail same
   License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
   Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
   Federal Emp. ID No. _____ FAX: ( ) _____
5. Architect or Engineer _____ Contact _____
   Address _____ e-mail _____
   Tel. ( ) _____ FAX: ( ) _____
6. Responsible Person in Charge once Work has Begun Owner
   Tel. [redacted] FAX: ( ) _____

3/10/09 called

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	$ 150 ✓		
2. Electrical			
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	$		
8. Subtotal	$		
9. State Permit Surcharge Fee			
10. Subtotal	$		
11. Cert. of Occupancy			
12. Other EP+ZP	695		
13. TOTAL	$ 845		

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
1. Number of Stories 1	
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 (Hot Tub)
- ☐ 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)

FOR OFFICE USE ONLY (Optional)

	Est. Cost	Plans Recd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Resubmission Dates Rejection	Re-viewer
☐ Building		KB	2/13/09	2/25/09 KA			3-9-09	3-25-09	
☒ Electrical					2-25-9	AS	3-	11-09	
☐ Plumbing									
☐ Fire Protection									
☐ Elevator		Emy	2/24/09		2/24/09	MS			
TOTAL COST									

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL *(primary use)*
1. State Specific Use: [redacted]
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: [redacted]
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present:

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

D. Construct. Classification: Present _____ Proposed _____

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
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☒ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 3/26/2009
Control Number C-09-000348
Permit Number 09-0394
Permit Issue Date 3/10/2009
Certificate Number 09-0394

Certificate

Construction Code Division

(Certificate of Approval)

Identification

Work Site Location: 17 HOLLY RD. Brick Township, NJ Block: 606 Lot: 8 Qual:

Owner in Fee: TAYLOR, ADAM

Owner Address: 17 HOLLY RD BRICK NJ 08723

Telephone: [redacted]

Contractor TAYLOR, ADAM

Address 17 HOLLY RD BRICK NJ 08723

Telephone: ([redacted] Fax:

License Number or Builders Registration Number: Federal Emp. Number:

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: HOT TUB INSTALL HOT TUB TO BE PLACED UPON EXISTING CONCRETE PATION IN REAR; LOCKING COVERS <RESIDENTIAL>

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:

Construction Official

Fee: $0.00
Check Number:
Collected By:

Date Printed: 3/26/2009 U.C.C. F260 (rev. 08/05)

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. (X) I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)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. (X) 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. (X) 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 Andrew G Tyler Date 2/10/2009

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 _____

Address _____

_____

Telephone (_____) _____

Signature _____

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

BUILDING SUBCODE
TECHNICAL SECTION

Date Received / Control # 09-0394

Date Issued / Permit # 3-10-09

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

Block 606 Lot 8 Qualification Code

Work Site Location 17 Holly Rd, Brick, NJ 08723

Owner in Fee: Adam G. Taylor

Tel. [redacted] e-mail [redacted]

Address 17 Holly Rd (street) Brick, NJ (municipality) 08723

Contractor: Owner - Adam Taylor Tel. [redacted]

Address 17 Holly Rd e-mail Same

Contractor License No. or Builder Registration No. Exp. Date

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

Federal Emp. ID No. FAX: ( )

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.

Signature Adam G Taylor

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Install hot tub - to be placed upon (existing) concrete patio in rear. Locking covers.

- Existing -

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial
[✓] No Plans Required	3-9-09	JH
[ ] All		
[ ] Footings/Foundations		
[ ] Structural/Framework		
[ ] Exterior		
[ ] Interior		

Joint Plan Review Required:

[X] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL for PERMIT

Date:

Approved by:

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] COO [ ] CA

Date: 3/25/09

Approved by: KA

INSPECTIONS Type:	Failure	Failure	Approval	Initial
		Dates (Month/Day)		
Footing				
Footing Bonding				
Foundation				
Slab				
Frame				
Truss Sys./Bracing				
Barrier-Free				
Insulation				
Finishes -Base Layer				
Finishes -Final				
Energy				
Mechanical				
TCO				
Other				
Final	3/19/09		3/26/09	C.P.
Barrier-Free				

TYPE OF WORK:

- [ ] New Building
- [ ] Addition
- [ ] Rehabilitation
- [ ] Roofing
- [ ] Siding
- [ ] Fence _____ Height (exceeds 6')
- [ ] Sign _____ Sq. Ft.
- [X] Pool Hot Tub
- [ ] Retaining Wall _____ Sq. Ft.
- [ ] 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 $

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____

No. of Stories 1

Height of Structure _____ ft.

Area — Largest Floor _____ sq. ft.

New Bldg. Area/All Floors _____ sq. ft.

Volume of New Structure _____ cu. ft.

Max. Live Load _____

Max. Occupancy Load _____

NO LOCKS ON COVER

Constr. Class Present _____ Proposed _____

If Industrialized Building:

State Approved _____ HUD _____

Est. Cost of Bldg. Work:

1. New Bldg. $ 100 -
2. Rehabilitation $
3. Total (1+ 2) $

U.C.C. F110
(rev. 12/07)

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy

CONSTRUCTION PERMIT

Date Issued 3-10-09
Control # C-09-000348
Permit # 09-0394

IDENTIFICATION Block: 606 Lot: 8 Qualifier
Work Site Location: 17 HOLLY RD. Brick Township, NJ
Owner in Fee TAYLOR, ADAM
17 HOLLY RD BRICK NJ 08723
Telephone: [redacted]

Contractor TAYLOR, ADAM
Address 17 HOLLY RD BRICK NJ 08723
Telepho [redacted]
Lic. No. or Bldrs. Reg. No.
Federal Employee. No.

Is hereby granted permission to perform the following work:

- [x] BUILDING
- [ ] PLUMBING
- [ ] LEAD HAZARD ABATEMENT
- [x] ELECTRICAL
- [ ] FIRE PROTECTION
- [ ] DEMOLITION
- [ ] ELEVATOR DEVICES
- [ ] ASBESTOS ABATEMENT (Subchapter 8 only)
- [ ] OTHER

DESCRIPTION OF WORK:
HOT TUB INSTALL HOT TUB TO BE PLACED UPON EXISTING CONCRETE PATION IN REAR; LOCKING COVERS <RESIDENTIAL>

Note: If constuction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work $200

Construction Official 3-10-09 Date

PAYMENTS (Office Use Only)

Building	$75
Electrical	$50
Plumbing	$0
Fire Protection	$0
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$1
CO Fee	
Other	$60
Total	$186
Check No.	209
Cash	$0
Credit	$0
Collected By	

U.C.C. F170
equiv (rev 8/03)
1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

03/10/09 2:18PM 00153#9576
XX02 SERV.002

- [ ] Required inspections for all subcodes for one- and two-family dwellings are as follows:

#0394
BUILDING $75.00
ELECTRIC $50.00
DCA $1.00
ZPA $30.00
FPA $30.00
CHECK $186.00

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

- [ ] Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

- [ ] A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

- [ ] A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

ELECTRICAL SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received
Control # 09-0394

Date Issued
Permit # 3-10-09

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

Block 606 Lot 8 Qualification Code _____

Work Site Location 17 Holly Rd, Brick, NJ 08723

Owner in Fee: Adam G. Taylor

Tel. [redacted] e-mail [redacted]

Address 17 Holly Rd (street) Brick, NJ (municipality) 08723 (zip code)

Contractor: Owner- Adam Taylor Tel. [redacted]

Address 17 Holly Rd Brick, NJ 08723 e-mail Same

Contractor License No. _____ Exp. Date _____

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

Federal Emp. ID No. _____ FAX: (_____) _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

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

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work $ 100-

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[X] No Plans Required 2-25-09 AB

[ ] Partial -Underslab Utilities Approved

Date: _____ Approved by: _____

[ ] Electric Plans Approved

Date: _____ Approved by: _____

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT

Date: _____

Approved by: _____

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] CCO [ ] CA

Date: 3-17-9 AB

Approved by: _____

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final			3-17-09	DD
Barrier-Free				

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

Annual Pool Inspection _____ _____ _____ _____

Date of Grounding and Bonding Certification _____

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. Adam G Taylor

Applicant's Signature/Contractor's Seal and Signature

[ ] Licensed Elec. Contractor [ ] Certif'd Landscape Irrigation Cont'r [X] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
Install/Approval of hot tub, locking covers

Existing

QTY.	SIZE	ITEMS	FEE (Office Use Only)
		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	
1		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 $ _____

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1027

Subcode Official Review

To: 17 HOLLY RD BRICK, NJ 08723 CC:

RE: Building Subcode
Block: 606 Lot: 8 Qual:
17 HOLLY RD.
Permit Number: Control Number: C-09-000348
Last Submit Date: Wednesday, February 25, 2009

Date: Wednesday, February 25, 2009

Dear TAYLOR, ADAM,

The following comments were made during the Plan Review process:

Provide detail of slab support, 4" minimum per specs.

Survey shows location on deck,
provide detail of framing alteration at deck as applicable.

02-26-09
Called 732-241-1882 h/o (Adam)

Sincerely,

K Anderson 2/25/09

Kenneth Anderson, Subcode Official

Exhibit 02-26-09

* See Note in Red

Inspector

* Check for Proper Support under Hot Tub

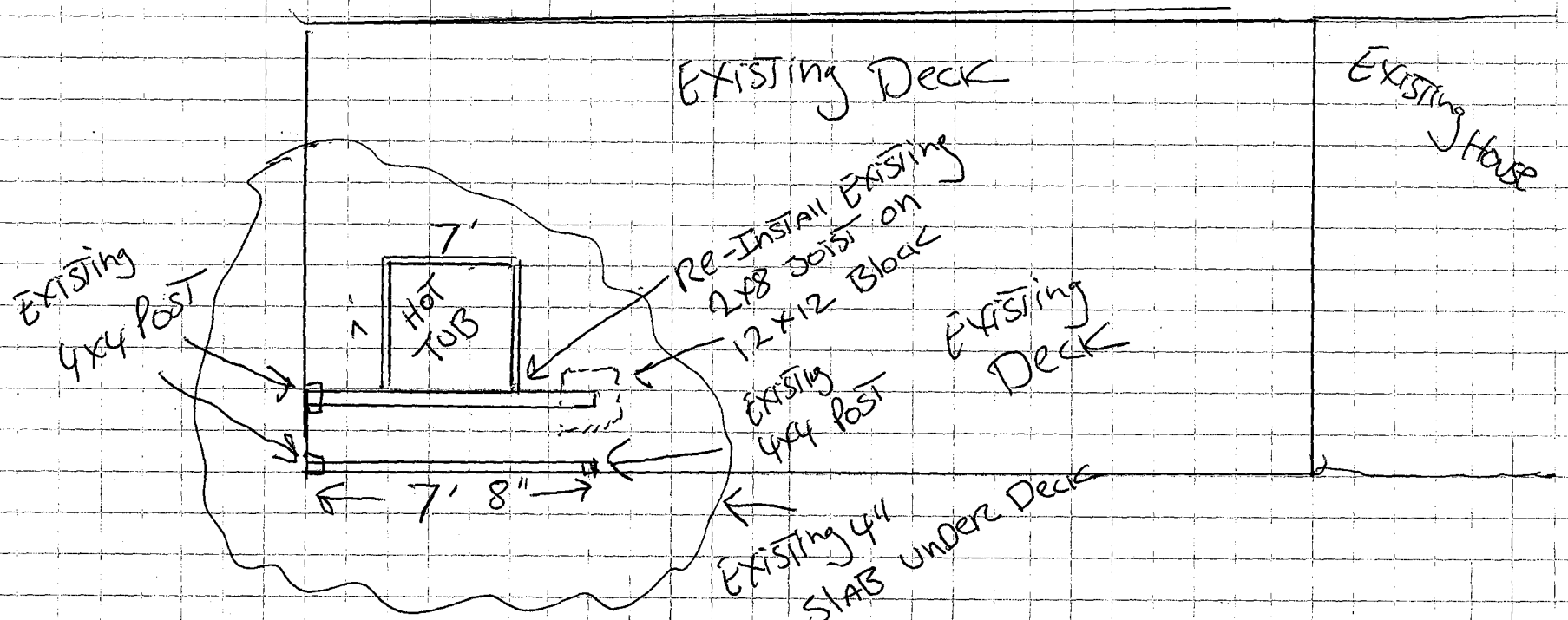
TOWNSHIP OF

RELEASED FOR PERMIT	INITIAL	DATE
Building Subcode	JL	3-9-09
Plumbing Subcode		
Fire Subcode		
Electrical Subcode		
Plan Reviewer		
Plans Released		
Construction Official		

Deck is 24" off grade

* Will Drill into existing slab in several locations to indicate 4" depth.

Please call Adam @ 732-241-1882



* SEE NOTE TO INSPECTOR

* CHECK FOR PILOTED SUPPORT UNDER HOT TUB

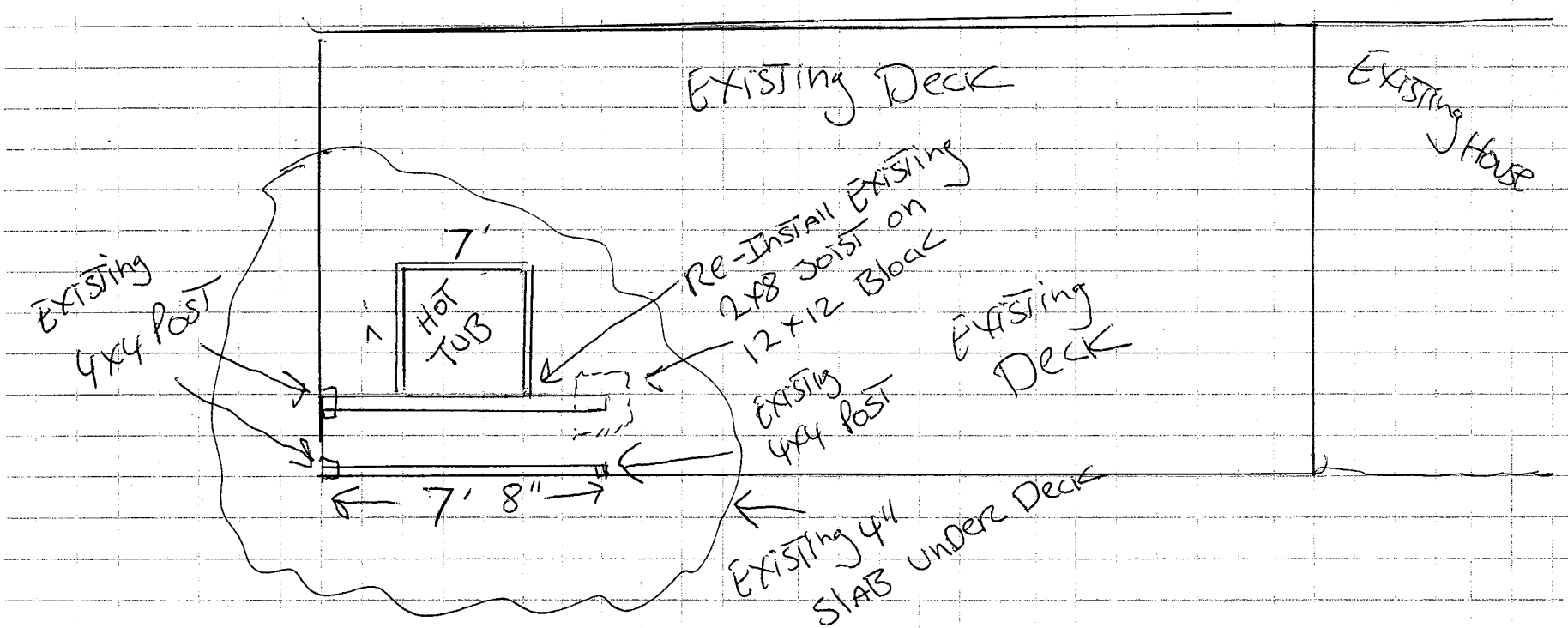
TOWNSHIP OF

RELEASED FOR PERMIT	INITIAL	DATE
Building Subcode	JLL	3-9-09
Plumbing Subcode		
Fire Subcode		
Electrical Subcode		
Plan Reviewer		
Plans Released		
Construction Official		

Deck is 24" OFF GRADE

* Will Drill into existing slab in several locations to indicate 4" depth.

Please call Adam @ 732-241-1882



Township of Brick
Zoning Permit

Approved: Tuesday, February 17, 2009 **Number:** 2009-51

Block 606 **Lot** 8 **Zone:** R-5

Property Address: 17 Holly Road

Applicant: Adam G. Taylor

Property Owner: Adam G. Taylor

Existing Use: Single Family Residential

Proposed Use: Single Family Residential

Proposed Construction: Hot tub, 5' x 5', in existing rear deck.
NOTE: Work has already been done without the required zoning and construction permits.

Conditions: The tub must be set back at least 25 feet from the property line at each street and at least five (5) feet from the side property lines.

This permit shall be null, void and of no effect if any of the facts contained in the application upon the basis that this permit was granted are false or untrue in any material respect. This permit shall expire one (1) year after the date of issuance if the use or substantial construction has not been commenced.

Michael P. Fowler, AICP/PP
Administrative Officer

Sean Kinnevy, Zoning Officer
Zoning Reviewer

TOWNSHIP OF BRICK ZONING PERMIT APPLICATION

(Please Type or Print Neatly in Ink, Not Pencil)

RECEIVED
FEB 17 2009
SC, 20

Applications missing any of the following information will delay processing and may be returned to you.

BLOCK 606 LOT 8 QUALIFIER _____

PROPERTY ADDRESS 17 Holly Rd, Brick, NJ 08723

PERSONAL NAME OF APPLICANT Adam G. Taylor

BUSINESS NAME OF APPLICANT _____

MAILING ADDRESS OF APPLICANT 17 Holly Rd, Brick, NJ 08723

PROPERTY OWNER'S FULL NAME Adam G Taylor

PRESENT USE OF PROPERTY (check all that apply)

☐ Vacant Lot ☒ Single-family dwelling ☐ Multi-family dwelling
☐ Commercial (please describe) _____

PROPOSED USE OF PROPERTY (check all that apply)

☐ Vacant Lot ☒ Single-family dwelling ☐ Multi-dwelling
☐ Commercial (please describe) _____

PROPOSED CONSTRUCTION (check all that apply)

☐ New Building (please describe) _____ Height _____
☐ Addition - Height _____
☐ Alteration
☐ Porch or deck - Height _____
☐ Shed - Height _____
☐ Fence - Type _____ Height _____
☒ Swimming Pool ☐ in-ground ☐ above-ground
☒ Other (please describe) Hot Tub

CHECKLIST

☒ All information completed above
☐ Two (2) copies of a plot plan containing:
☐ All existing and proposed structures
☐ All dimensions of the lot and structures
☐ All setbacks from the structures to the property lines
☐ All adjacent streets and waterways
☐ If applicable, include a copy of the Zoning Board of Adjustment Resolution, the date that the map was signed, and/or the date that the subdivision map was filed with the Ocean County Clerk, along with the file map and number.

Note: No partial, taped, faxed, reduced or enlarged copies can be accepted.

The applicant certifies that all statements and information made and provided as part of this application are true to the best of the applicant's knowledge, information and belief. The applicant further states that the applicant will comply with all other Municipal approvals and ordinances, and all County, State, and Federal Regulations.

SIGNATURE OF APPLICANT Adam G Taylor Date 2/10/2009

Reviewed by Zoning Office SC Date 2/17/9 ( ) Approved ( ) Denied

KD 2/13/09

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

Department of Community Development & Land Use
Division of Land Use & Planning
Office of Zoning
732-262-1041
732-262-1043
Fax: 732-262-8954
www.twp.brick.nj.us

February 17, 2009

Adam G. Taylor
17 Holly Road
Brick, NJ 08723

Re: Block 606, Lot 8
17 Holly Road
Zoning Permit Application

Dear Mrs. Davis:

The referenced property is located in the R-7.5, Single-Family Residential Zone, as per Section 245-9 of Chapter 245 of the Township Code. Your zoning permit application to construct a hot tub on the property was received today, the property has been inspected, and the application is being reviewed. The inspection today revealed that the tub has already been installed, without the required zoning and construction permits. This is a violation of Chapters 145 and 245 of the Township Code.

Please feel free to contact this office for any additional information or assistance.

Very truly yours,

Sean Kinnevy
Zoning Officer

C: James Priolo, Township Engineer
Michael Fowler, Principal Planner
Daniel Newman, Jr., Construction Official
Juan Bellu, Administration
Zoning Office File

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

Department of Community Development & Land Use
Division of Engineering

Office of the Municipal Engineer
732-262-1040
Fax: 732-262-8954
www.twp.brick.nj.us

Date: 2/10/2009

ENGINEERING
PLOT PLAN EXEMPT FORM

Block: 606 Lot: 8

Property Address: 17 Holly Rd, Brick, NJ 08723

I, Adam G. Taylor (name) of 17 Holly Rd, Brick (address)
request to be exempt from the plot plan requirement for an addition, fence, shed, deck, pool, retaining wall, etc. as outlined in the Brick Land Use Book, Chapter 190.31, Part B.

Adam G. Taylor
Applicant's Signature

The following shall be submitted with this request:

1. Submit surveys locating existing dwelling and proposed addition. Dimensions of the addition should be included.

2. Proof that the property is not located in a Flood Hazard Area.

Note: Prior to approval a site inspection by the Engineering Department will be performed to verify that the proposed addition will not create a drainage problem.

FOR OFFICE USE ONLY

Approved on: 2/24/09 Signed: KSP

Rejected on: _____ Signed: _____

Comments:

IMPORTANT!

Take This Time to Register Your Spa.

Owner's Record

Date Purchased _____

Purchased From _____

Installed By _____

Date _____

Spa Serial Number WC-160424

Model Number Imperial Winchester - 280 gallon

Table of Contents

Important Hot Tub Owner Information

Your hot tub is constructed to the highest standards and is capable of providing many years of trouble-free use. However, because heat retentive materials are utilized to insulate the hot tub for efficient operation, an uncovered hot tub surface directly exposed to sunlight and high temperatures for an extended period is subject to permanent damage. Damage caused by exposing the hot tub to this abuse is not covered by warranty. We recommend that you always keep the hot tub full of water when it is exposed to direct sunlight and that you keep the insulating cover in place at all times when the hot tub is not in use. Read and carefully follow the requirements for your hot tub's support base (found in the section titled, "Locating Your Hot Tub", page 10).

Imperial Spas constantly strives to offer the finest hot tub available, therefore modifications and enhancements may be made which affect the specifications, illustrations and/or instructions contained herein.

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: I) Rearrange or relocate the receiving antenna. 2) Increase the separation between the equipment and receiver. 3) Connect the equipment into an outlet on a circuit different from the circuit connected. 4) Consult the dealer or an experienced radio/TV technician for help. Changes or modifications not expressly approved by the party responsible for FCC compliance could void the user's authority to operate this equipment.

IMPORTANT SAFETY INSTRUCTIONS:
READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY

When installing and using this electrical equipment, basic safety precautions should always be followed, including:

1) WARNING: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

2) WARNING: A grounding wire connector is provided on this unit to connect a minimum No. 8AWG (8.4mm^2) solid copper conductor between this unit and any metal equipment, metal enclosures of electrical equipment, metal water pipe, or conduit within 5 feet (1.5m) of the unit.

3) DANGER: Risk of Accidental Drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use this hot tub unless they are supervised at all times.

4) DANGER: Risk of Injury. The suction fittings in this hot tub are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible. Never operate the hot tub if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting.

5) DANGER: Risk of Electric Shock. Install at least 5 feet (1.5m), from all metal surfaces. As an alternative, a hot tub may be installed within 5 feet (1.5m) of metal surfaces if each metal surface is permanently connected (bonded) by a minimum No. 8 AWG (8.4 mm^2) solid copper conductor attached to the wire connector on the grounding lug, inside the equipment compartment on the equipment box.

6) DANGER: Risk of Electric Shock. Do not permit any electrical appliance, such as a light, telephone, radio, television, etc. within 5 feet (1.5m) of a hot tub.

7) ELECTRICAL SUPPLY: The electrical supply for this product must include a suitably rated switch or circuit breaker to open all ungrounded supply conductors to comply with section 422-20 of the National Electrical Code, ANSI/NFPA 70. The disconnect must be readily accessible and visible to the hot tub occupant but installed at least 5 feet (1.5m), from the hot tub water.

8) WARNING: To Reduce the Risk of Injury:
   a) The water in a hot tub should never exceed 104°F (40°C). Water temperatures between 100°F (38°C) and 104°F (40°C) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when hot tub use exceeds 10 minutes.

   b) Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit hot tub water temperatures to 100°F (38°C). If pregnant, please consult your physician before using a hot tub.

   c) Before entering the hot tub, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices may vary as much as +/- 5°F (2°C).

   d) The use of alcohol, drugs, or medication before or during hot tub use may lead to unconsciousness with the possibility of drowning.

   e) Persons suffering from obesity or a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a hot tub.

   f) Persons using medication should consult a physician before using a hot tub since some medication may induce drowsiness, while other medication may affect heart rate, blood pressure, and circulation.

IMPORTANT SAFETY INSTRUCTIONS
CANADIAN STANDARDS ASSOCIATION (CSA) SAFETY INFORMATION

When using this electrical equipment, basic safety precautions should always be followed, including the following:

a) READ AND FOLLOW ALL INSTRUCTIONS.
b) A green colored terminal or a terminal marked G, Gr, Ground, Grounding or the ⏚ symbol* is located inside the supply terminal box or comparment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the

electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors that supply this equipment. IEC Publication 417, Symbol 5019.

c) At least two lugs marked "Bonding Lugs" are provided on the external surface or on the inside of the supply terminal box/compartment. To reduce the risk of electric shock, connect the local common bonding grid in the area of the hot tub to these terminals with an insulated or bare copper conductor not smaller than No. 6 AWG.

d) All field-installed metal components such as rails, ladders, drains or other similar hardware within 10 feet (3m) of the hot tub shall be bonded to the equipment grounding buss with copper conductors not smaller than No. 6 AWG.

e) SAVE THESE INSTRUCTIONS.

WARNING: Children should not use hot tubs without adult supervision.

WARNING: Do not use hot tubs unless all suction guards are installed to prevent body and hair entrapment.

WARNING: People with infectious diseases should not use a hot tub.

WARNING: To avoid injury, exercise care when entering or exiting the hot tub.

WARNING: Do not use drugs or alcohol before or during the use of a hot tub to avoid unconsciousness and possible drowning.

WARNING: Pregnant or possibly pregnant women should consult a physician before using a hot tub.

WARNING: Water temperature in excess of 100°F (38°C) may be injurious to your health.

WARNING: Before entering the hot tub, measure the water temperature with an accurate thermometer.

WARNING: Do not use a hot tub immediately following strenuous exercise.

WARNING: Prolonged immersion in a hot tub may be injurious to your health.

WARNING: Do not permit electric appliances (such as light, telephone,

radio, television, etc.) within 5 feet (1.5m) of this hot tub.

CAUTION: Maintain water chemistry in accordance with manufacturer's instructions.

WARNING: The use of alcohol or drugs can greatly increase the risk of fatal hyperthermia in hot tubs.

SAVE THESE INSTRUCTIONS

HYPERTHERMIA

Prolonged immersion in hot water may induce hyperthermia. A description of the causes, symptoms, and effects of hyperthermia are as follows:

Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°F (37°C). The symptoms of hyperthermia include drowsiness, lethargy, and an increase in the internal temperature of the body. The effects of hyperthermia include:

a) Unawareness of impending hazard;
b) Failure to perceive heat;
c) Failure to recognize the need to exit hot tub;
d) Physical inability to exit hot tub;
e) Fetal damage in pregnant women; and
f) Unconsciousness and danger of drowning.

Cautions

1. Persons suffering from heart disease, diabetes, high or low blood pressure, and any condition requiring medical treatment, pregnant women,the elderly, or infants should consult with a physician before using a hot tub.
2. The Consumer Products Safety Commission has stated that the water temperature in a hot tub should not exceed 104°F (40°C). Immersion in water in excess of 104°F (40°C) can be hazardous to your health.
3. Observe a reasonable time limit when using the hot tub. Long exposures at higher temperatures can cause high body temperature. Symptoms may include dizziness, nausea, fainting, drowsiness, and reduced awareness. These effects could possibly result in drowning.
4. Do not use the hot tub under the influence of alcohol, narcotics, or

other drugs. Use of the hot tub under these conditions may lead to serious consequences.

5. Always test the hot tub water temperature before entering the hot tub. Enter and exit the hot tub slowly. Wet surfaces can be very slippery.
6. Never bring any electrical appliances into or near the hot tub. Never operate any electrical appliances from inside the hot tub or when you are wet.
7. Proper chemical maintenance of hot tub water is necessary to maintain safe water and prevent possible damage to hot tub components.
8. Use the hot tub straps and clip tie downs to secure the cover when not in use. This will help to discourage unsupervised children from entering the hot tub and keep the hot tub cover secure in high-wind conditions. There is no representation that the cover, clip tie downs, or actual locks will prevent access to the hot tub.

Locating Your Hot Tub

IMPORTANT: Because of the combined weight of the hot tub, water and users, it is extremely important that the base upon which the hot tub rests be smooth, flat, level and capable of uniformly supporting this weight, without shifting or settling, for the entire time the hot tub is in place. If the hot tub is placed on a surface which does not meet these requirements, damage to the skirt and/or the hot tub shell may result. Damage caused by improper support is not covered under warranty. It is the responsibility of the hot tub owner to assure the integrity of the support over time.

We recommend a poured, reinforced concrete slab (minimum of 4 inches thick). Wood decking is also acceptable provided it is constructed so that it meets the requirements outlined above.

The hot tub must be installed in such a manner as to provide drainage away from the hot tub. Placing the hot tub in a depression without provisions for proper drainage could allow rain, overflow and other casual water to flood the equipment and create a wet condition in which it would sit.

For hot tubs which will be recessed into a floor or deck, install so as to permit access to the equipment, either from above or below, for servicing. Make certain that there are no obstructions which would prevent removal of the cabinet side panels, especially on the side with the equipment bay doors.

In selecting the ideal outdoor location for your hot tub, we suggest that you take into consideration 1) the proximity to change area and shelter (especially in colder weather); 2) the pathway to and from your hot tub (this should be free of debris so that dirt and leaves are not easily tracked into the hot tub); 3) the closeness to trees and shrubbery (remember that leaves and birds could create extra work in keeping the hot tub clean); 4) a sheltered environment (less wind and weather exposure can result in lowered operation and maintenance costs); and 5) the overall enhancement of your environment. It is preferable not to place the hot tub under an unguttered roof overhang since run-off water will shorten the life expectancy of the hot tub cover.

For indoor installations, be certain to make provisions for proper ventilation. When the hot tub is in use, considerable amounts of moisture will escape. This can damage certain surfaces over time.

If you have any questions regarding the placement or installation of your hot tub, call (866) 245-3387.

General Electrical Safety Instructions

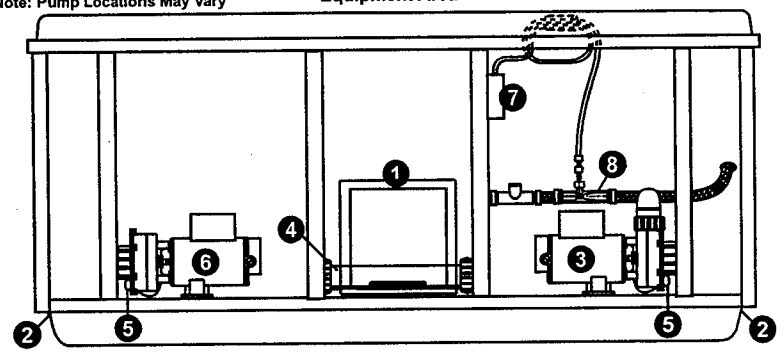
Your new hot tub is equipped with the "state-of-the-art" equipment system. It contains the most advanced safety and self-protective equipment in the industry. Nonetheless, this hot tub must be installed properly to insure dependable usage. Please contact your local building department should you have any questions regarding your installation.

Proper grounding is extremely important. Your hot tubs is equipped with a current collector system. A pressure wire connector is provided on the surface of the control box, located inside the equipment door to permit connection of a bonding wire between this point and any ground metal equipment, metal water pipe or conduit within 5 feet (1.5m) of the hot tub, or copper clad grounding rod buried within 5 feet (1.5m) of the hot tub. Bonding wire must be at least No. 8 AWG (8.4 mm^2) solid copper wire. This is a most important safety assurance feature.

Before installing this hot tub, check with the local building department to insure installation conforms to local building codes.

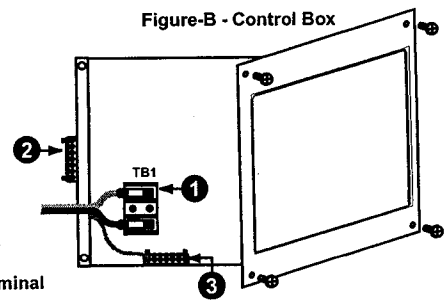
Figure-A
Equipment Area

Note: Pump Locations May Vary



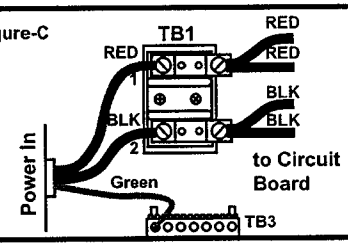
1. Control Box
2. Power Supply Entrance(s)
3. 2-Speed Pump #1
4. Heater
5. Pump Drain Plug(s)
6. 1-Speed Pump #2
7. CD □zonator
8. Mazzei In□ector

Figure-B - Control Box



1. Terminal Block
2. Bonding Lug
3. Grounding Terminal

Figure-C



US/Canada Winchester Model
240 VAC, 3-Wire Connection (60Hz)

Electrical Installation Instructions For Connection to 240V Service

IMPORTANT NOTICE: The electrical wiring of this hot tub must meet the requirements of the National Electrical Code (NEC) and any applicable state or local codes. The electrical circuit must be installed by a qualified electrician and approved by a local building/electrical inspection authority.

1. This hot tub must be permanently connected (hard-wired) to the power supply. No plug-in connections or extension cords are to be used in conjunction with the operation of this hot tub. Supplying power to the hot tub which is not in accordance with these instructions will void both the independent testing agency listing and the manufacturer's warranty.

2. The power supplied to this hot tub must be a dedicated circuit with no other appliances or lights sharing the power provided by the circuit.

3. To determine the current, voltage and wire size required, refer to Power Supply Options and Requirements, page 14.
   – Wire size must be appropriate per NEC and/or local codes.
   – We recommend type THHN wire.
   – All wiring must be copper to ensure proper connections. Do not use aluminum wire.
   – When using wire larger than #6, add a junction box near the hot tub and reduce to short lengths of #6 wire to connect to the hot tub.
4. The electrical supply for this product must include a suitably rated switch or circuit breaker to open all ungrounded supply conductors to comply with Section 422-20 of the National Electrical Code, ANSI/NFPA 70. The disconnecting means must be readily accessible to the hot tub's occupant but installed at least 5 feet (1.5m) from hot tub water.

5. The electrical circuit supplied for the hot tub must include a suitable ground fault circuit interruptor (GFCI) as required by NEC Article 680-42.

6. To gain access to the hot tub's power terminal block, remove the cabinet panel on the control panel side of all models. Then open the door to the control box. (Figure A, page 12).

7. Use the appropriate power supply inlet and remove the panel from the front of the hot tub to allow you to feed the cable through to the control box. Install the cable with connector through the large opening provided in the bottom of the control box.

8. Connect wires, color to color, on terminal blocks TB1 and ground (Figure C, page 12). TIGHTEN SECURELY! All wires must be hooked up or damage could result.

9. Close the control box door and reinstall the cabinet side panels.

Power Supply Options and Requirements

Your hot tub is designed to provide optimum performance and flexibility of use when connected to the maximum electrical service as listed below. If you prefer, a minor circuit board modification will allow the hot tub to accept different electrical service. The operational considerations of these modifications are in the wiring diagram at the end of this manual.

Winchester Model (60 Hz)

	240V/30A	240V/50A
Voltage	240 volts	240 volts
Current Draw	24 amps	40 amps
Number of Wires	Three	Three
Circuit Breaker	30 amp dual pole	50 amp dual pole

In 50A configuration, the heater will not operate while both the pumps are operating at high speed.
In 30A configuration, the heater will not operate while either pump is operating in high speed.

Start Up Instructions

FOR BEST RESULTS, READ EACH STEP IN ITS ENTIRETY BEFORE PROCEEDING WITH THAT STEP.

1. PREPARE THE HOT TUB FOR FILLING
   - Clear all debris from the hot tub. (Although the hot tub shell has been polished at the factory, you may want to treat it with a specially formulated hot tub cleaner and wax prior to filling the first time.)
   - Remove either of the filter.

2. FILL THE HOT TUB
   - Place the end of your garden hose into the pipe exposed when you removed the filter cartridge.

Important: Always fill your hot tub through the filter pipe after draining. Failure to do so may cause air to be trapped in the pump, preventing the pump from circulating water.

NOTE: Never fill with water from a water softener. If your water is extremely "hard", it is preferable to fill half-way with hard water and the rest of the way with softened water. Or, you may fill entirely with hard water if you use a special water additive. (Contact Jacuzzi Spa Division for any assistance or questions.)

   - Fill the hot tub until the water level is above all jets. Warning: Do not over-fill.

   - Remove the hose and replace the filter cartridge.

3. TURN ON THE POWER
   Turn on the power to the hot tub at the home's circuit breaker. The heater and the pump's low speed automatically activate and the LED display on the control panel shows the water temperature.

4. ACTIVATE JETS
   Press the JETS or JETS 1 button on the control panel once to activate pump 1 in low speed. Press the button a second time to activate pump 1 in high speed and initiate maximum water flow to certain jets.

5. ADD START-UP CHEMICALS
   Add the hot tub water chemicals (Contact Jacuzzi Spa Division for any assistance or questions). (See the section titled MAINTAINING WATER QUALITY (page 23) for general guidance.)

6. SET HOT TUB TO HEAT (Default Set Temp is 100°F (38°C))
To warm the hot tub water up to a comfortable temperature, follow these steps:
   - The LED display on the control panel displays the actual temperature of the hot tub water. Press either the COOLER (Down) or WARMER (Up) button to display the "set" temperature for 5 seconds. If you want the water to heat to a different temperature, simply press COOLER or WARMER within 5 seconds while the "set" temperature is displayed. The set temperature advances or decreases by one degree each time one of these sensor pads is pressed.
   - The heater will turn off when the temperature corresponding to the thermostat setting is achieved.

NOTE:
- The maximum temperature for which the hot tub can be set is 104°F (40°C) and the minimum is 65°F (18°C).
- Setting the thermostat at maximum will not accelerate the heating process. This will only result in a higher ultimate temperature.

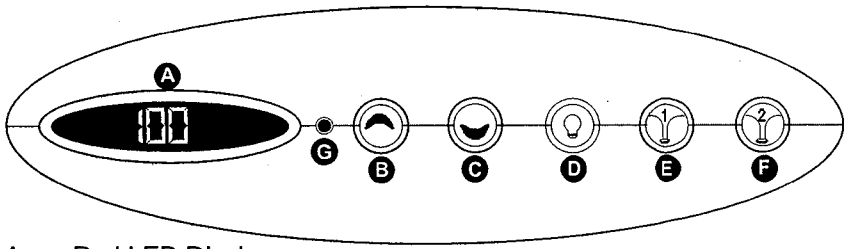
7. PLACE COVER ON HOT TUB
   - Keeping the insulating cover in place anytime the hot tub is not in use will reduce the time required for heating, thereby minimizing operating costs.

- The time required for initial heat-up will vary depending on the starting water temperature and the capacity of your hot tub. Smaller hot tubs heat at a rate of approximately 6 to 8 degrees per hour; larger hot tubs heat at about 4 to 6 degrees per hour.

DANGER. RISK OF INJURY. Always check water temperature carefully before entering hot tub.

Control Panel

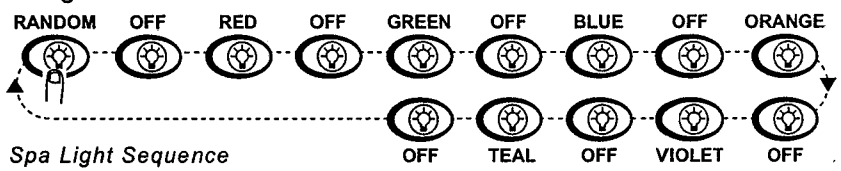
Digital Command Center



A. Red LED Display
B. Warmer Button
C. Cooler Button
D. Light Button
E. Jets 1 Button
F. Jets 2 Button
G. Heat Indicator (Off when heater is off, On when heater is on.)

WARMER AND COOLER BUTTONS
The hot tub's thermostat is to provide you with optimum control of the hot tub water temperature. This temperature set point can be adjusted from 65°F (18°C) to 104°F (40°C). In conjunction with setting the temperature, these two buttons are used in changing the filter cycles (see "Selecting Filter Cycles", page 18).

LIGHT
The spa light offers 6 constant color variations and a unique random mode for enhanced spa enjoyment. Press the light button once to turn on the spa light in "Random Mode," then repeatedly press the button to turn the light off or to select one of the 6 constant colors illustrated below:



Spa Light Sequence

You must press the LIGHT button within 5 seconds between each "off" or "color" step in the light sequence to prevent it from resetting. Pressing the button after 5 seconds restarts the sequence at "Random Mode." This automatically changes the light color every 8 to 20 seconds. *Note: Anytime the spa light is manually turned on, it will automatically turn off after approximately 1 hour. If you desire more light at this time, simply turn the light back on.*

JETS 1
The JETS 1 button controls the 2-speed pump. Pressing this button switches the pump from off, to low speed, to high speed, and back to off.

JETS 2
The JETS 2 button controls the high speed pump 2. Pressing this button switches the pump from off, to high speed, and back to off.

NOTE: Auto Shut-off -- Anytime a pump has been manually turned on, it will automatically turn off after approximately 20 minutes. If at this time you desire more jet operation, you may simply turn them back on.

You will notice that occasionally, when you touch the button to turn off the high speed of the pump, the low speed continues to operate. This is normal if the hot tub is in the "Standard" mode and calling for heat, if a filter cycle is in progress or if the heater has recently turned off. (After the heater turns off, the pump continues to circulate water for approximately 30 seconds to cool the heating element.)

WATERFALL FEATURE
The waterfall feature allows you to independently control it for a customized soothing effect. The JETS 1 button activates the waterfall feature. Then, the waterfall can be individually adjusted by using the auxilary control knob located near the waterfall.

Initial Start Up

The hot tub control has automatic functions that operate upon start up. Upon power up, the read out will display a three digit number that identifies the software revision. This number will then change to "888" while the system is booting up. Also during the boot up, all of the indicator LED's will be lit.

At the end of the boot up, the water temperature will be displayed. If the temperature is below 100°F (38°C), the low speed pump and the heater will turn on until the temperature rises to the preset 100°F (38°C). Approximately two minutes after the system has been initially powered up, the first filtration cycle will begin to operate. Any time after the boot up, you will be able to select a pre-programmed filter cycle and reset your temperature set point.

Selecting Filter Cycles

FILTRATION
Proper filtration is an important key to maintaining the clarity of your hot tub's water. The Filtration system is designed for unsurpassed effectiveness at removing debris and suspensions from the water anytime the water is circulating.

You may change the filtration cycle start time by one of the following methods:

1. Turn power to the hot tub off and then back on at the breaker, or
2. Press and hold for three seconds the "WARMER" and "COOLER" buttons at the same time. When the currently set cycle appears (F1-F6) press the jets 1 button one time and the control will go into the initial power up routine.

Example: If you want your first filter cycle start time to be at 4 PM, perform above functions just before the desired start time. Filter cycle start time may vary slightly.

Your hot tub comes with six pre-programmed filtration cycles (F1-F6) and two lockout modes (L1-L2). Of the six filter cycles, three cycles are in the standard mode and three cycles are in the economy mode.

To change the filter cycles, press and hold the"WARMER" button and "COOLER" buttons for 3 seconds. This will get you into the filter cycle programming mode. Use the "WARMER" and "COOLER" buttons to scroll between F1 and L2. This numeric value coincides with a specific filter cycle that is to be used for filtration.

Filter Cycles

STANDARD MODE
Heating is automatically controlled by the loss of water temperature. If the hot tub water drops 2°F (1.2°C) below the set temperature, the low speed pump and the heater will automatically turn on. They will both remain on until the water temperature reaches the temperature setpoint.

NOTE: The initial time still operates the filter cycle in this mode to ensure proper filtration.

F1 2 hours of filtration every 12 hours
F2 2 hours of filtration every 8 hours
F3 2 hours of filtration every 6 hours

ECONOMY MODE
In this mode, the timer determines when the filtering and heating take place.

F4 2 hours of filtration every 12 hours
F5 2 hours of filtration every 8 hours
F6 2 hours of filtration every 6 hours
L1 LOCKOUT - special feature used when cleaning or changing the filter cartridge or any type of non-electrical servicing that requires the hot tub's pump operation to be suspended while the work is completed. The temperature readout flashes in this function.

NOTE: If the hot tub is heating when the system is put into the lockout mode, the heater will immediately turn off and the pump will cycle water for thirty seconds, then turn off. This will assist in cooling the heater element.

L2 LOCK MODE - Special feature to prevent unauthorized use of your hot tub which disables Jets and Light buttons. Your filter cycles and heating will continue to operate normally. The temperature readout flashes in this function.

Care and Maintenance of Your Hot Tub

Proper and regular maintenance of your hot tub will help it retain its beauty and performance. Contact Jacuzzi Spa Division for any assistance or questions.

CLEANING THE FILTER
Your hot tub is equipped with a cartridge filters located in the skimmer/ filter well. Filtering is accomplished when the 2-speed pump 1, on either high or low speed, causes water to flow through the polyester mesh of the filters. As this happens, suspended particles become trapped on the filter's surface.

To ensure optimum performance, it is necessary to remove and clean the filter cartridges, usually once a week, depending on usage and water quality. To accomplish this, follow these steps:

1. Turn off power to the hot tub at the home's breaker panel.
2. Remove the filter lid.
3. Remove the filter cartridges by unthreading from the wall fitting.
4. Using a garden hose with a high-pressure nozzle, rinse debris from the filter pleats beginning at the top and working your way downward. Continue, one section at a time, until you have rinsed all of the filter's pleats.

Periodically, the filter cartridges will need a more thorough cleaning to remove imbedded oils and minerals. For this, we suggest cleaning as above and then soaking the cartridges overnight in a plastic container filled with a solution of water and a specially formulated filter cleanser. Contact Jacuzzi Spa Division for any assistance or questions.

The average life expectancy of a filter cartridge is approximately two years with proper care and water quality maintenance. Contact Jacuzzi Spa Division for any assistance or questions.

OZONATORS

The Ozone is injected into the water to supplement chemical sanitizers, kill bacteria, oxidize organics and control minerals. Ozone is injected anytime the pump is turned on automatically like in heat call or filter cycles. The ozonator will turn off anytime the pump is manually activated by pressing the jets button. It will remain off until five minutes after that specific function has been turned off.

DRAINING AND REFILLING

CAUTION: There are certain precautions to keep in mind when draining your hot tub. If it is extremely cold, and the hot tub is outdoors, freezing could occur in the lines or the equipment. On the other hand, if it is hot outdoors, do not leave the hot tub's surface exposed to direct sunlight for long periods.

To drain your hot tub, remove the front cabinet panel and locate the drain hose. Pull out the drain hose. Raise the end of the hose above the water level, remove the cap and connect a garden hose to the male garden hose fitting. Lay the garden hose away from the equipment and turn the knob on the valve to drain the hot tub.

Be sure to close the valve, disconnect the garden hose and replace the cap before refilling. After refilling, turn the power back on.

After refilling, turn on power to the spa and follow the steps listed under "Start-Up Instructions."

CLEANING THE HOT TUB SURFACE

To preserve your hot tub's surface, it is crucial that you avoid using brasive cleaners or cleansers which have adverse chemical effect on the surface. If you are not certain as to the suitability of a particular cleanser, contact Jacuzzi Spa Division for any assistance or questions.

Regardless of the cleanser used, use care to assure that no soap residue is left on the surface. This could cause severe sudsing when the hot tub is refilled.

Contact Jacuzzi Spa Division for any assistance or questions on specially formulated surface cleaners and sealants which aid in cleaning the hot tub surface and adding a protective coating to enhance the luster of the surface.

MAINTAINING THE SYNTHETIC CABINET

Your new spa's synthetic cabinet requires little or no maintenance of any kind. To clean, simply wipe the cabinet with a clean towel and a mild soap solution.

NOTE: Never spray cabinet with a garden hose for any reason since this action may induce an electrical short in the spa's electrical equipment.

MAINTAINING THE COVER

Using the insulating hot tub cover anytime the hot tub is not in use will significantly reduce your operating costs, heatup time and maintenance requirements.

To prolong the life of the cover, handle it with care and clean it regularly using mild soap and water. Periodic treatments with a quality vinyl conditioner will help protect against deterioration caused by UV rays from the sun. Never allow anyone to stand or sit on the cover, and avoid dragging it across rough surfaces.

WINTERIZING

Your hot tub is designed to automatically protect itself against freeze damage when operating properly. Refer to "ICE - Freeze Condition" details on page 25. During periods of severe freezing temperatures, you should periodically check to be certain the hot tub's electrical supply has not been interrupted. In extreme, bitter cold weather with ambient temperatures of -20°F (-29°C) or colder, the hot tub must be drained and purged to prevent freeze damage.

For expert winterization of your hot tub, contact Jacuzzi Spa Division. In emergency situations, damage can be minimized by taking the following steps:

1. Remove power to hot tub.
2. Pull out the drain cap attached to the drain hose located behind the synthetic cabinet panel (see illustration 1, item 6). Raise drain hose above water line, then attach garden hose. Lay drain hose and garden hose flat on ground away from the equipment and turn the knob on the valve to drain hot tub.
3. As the water level drops below the seats, use whatever means available to get it out of the recessed seating areas and into the footwell.
4. When the water level ceases to drop, use whatever means available to remove any remaining water from the footwell (wet and dry vacuum recommended).
5. Access the equipment compartment by removing the cabinet panel from the control panel side on all models. Locate the pump drain plug(s)on the front of each pump. Remove these plugs to allow the water to drain from the pump(s) and heater. (Note: up to two gallons of water may be released during this procedure. Use a wet/dry vacuum or other means to prevent the equipment bay from flooding). Replace pump(s) drain plugs.
6. Loosen the heater union (Ill. No.1, item 5) on one side of the heater and gently separate the heater flange from their mating pipe, allowing it to drain. Approximately 1/2 gallon of water will drain. Use a wet/dry vacuum or other means to keep water from flooding the equipment compartment. Reinstall both union nuts after system has drained.
7. Disconnect the garden hose, close the valve and replace the drain cap. Reinstall the synthetic cabinet panel and cover the hot tub so that no casual moisture can enter the hot tub.

Consult Jacuzzi Spa Division if you have any questions regarding winter use or winterizing.

Restarting Your Hot Tub In Cold Weather

If you want to start up your hot tub after it has sat empty for a time in freezing temperatures, be aware that the water remaining in certain sections of the piping may still be frozen. This situation will block water flow preventing the hot tub from operating properly and possibly damaging the equipment. We recommend you consult your local pool and spa supply for guidance before attempting to re-start your hot tub under these conditions.

Maintaining Water Quality

Maintaining the quality of the water within specified limits will serve to enhance your enjoyment and prolong the life of your hot tub's equipment. It is a fairly simple task, but it requires regular attention because the water chemistry involved is a balance of several factors. A careless attitude in regard to water maintenance will result in poor conditions for soaking and even damage to your hot tub investment.

For specific guidance on maintaining water quality, contact Jacuzzi Spa Division, who can recommend appropriate chemical products for sanitizing and balancing your hot tub water.

> **Caution:** Never store hot tub chemicals inside the hot tub's equipment bay.

pH Control

pH is a measure of the relative acidity or alkalinity of water and is measured on a scale of 0 to 14. The midpoint of 7 is said to be neutral, above which is alkaline and below which is acidic.
In hot tub water, *it is very important to maintain a slightly alkaline condition of 7.2 to 7.8.* Problems become proportionately more severe when this range is exceeded or diminished. A low pH will be corrosive to metals in the hot tub equipment. A high pH will cause minerals to deposit (scaling) on the interior of the hot tub and equipment. In addition, the ability of the sanitizing agents to keep the water clean is diminished as the pH moves further outside the ideal range.

SANITIZING

To destroy bacteria and organic compounds in the hot tub water, a sanitizer must be used regularly. A residual sanitizer level of 1 to 3 ppm (parts per million) is generally considered desirable.

Bromine tablets, a two-part bromine system or granular chlorine (dichlor) are all acceptable sanitizers.

> IMPORTANT: Do not use chlorine tablets (trichlor) in your hot tub. This chemical can have an extremely corrosive effect on certain materials in the hot tub. Damage caused by use of this chemical, or improper use of any chemical is not covered under the hot tub's warranty.

OTHER ADDITIVES

Many other additives are available for your hot tub. Some are necessary to compensate for out-of-balance water, some aid in cosmetic water treatment and others simply alter the feel or smell of the water. Jacuzzi

Spa Division can advise you on the use of these additives.

WATER SANITIZATION WITH OZONE

The Ozone Water Purification System, factory installed on your hot tub, is designed to work in conjunction with chemical sanitizers to keep your hot tub water cleaner, clearer, and fresher, allowing for longer intervals between drainings.

The Ozone system works by converting oxygen to ozone as air passes through an enclosed chamber located in the equipment compartment of your hot tub. When this powerful oxidizer is mixed with the hot tub water, bacteria and contaminants are destroyed and organic compounds are reduced to their lowest elements for removal by the filtration system.

Although your Ozone system will substantially reduce the need for chemical sanitizers, it is recommended that either bromine or granular chlorine be used to provide residual germ-killing action when the ozone system is not in operation. In addition, it is important that the chemical balance be maintained within the proper parameters for the ozone to provide effectiveness. For more detailed information about proper use of chemicals contact Jacuzzi Spa Division.

Troubleshooting

Your hot tub has a self-diagnostic control system. The system will automatically display the following if a problem is detected.

SN1 **Nonfunctional hi-limit sensor**
Open or a short in hi-limit sensor. Heater is deactivated. This must be repaired by a qualified service technician.

SN2 **Nonfunctional temperature sensor**
Open or short in temperature sensor. Heater is deactivated. This must be repaired by a qualified service technician.

FL1 **Water flow problem**
Pressure switch is not closed when the pump is activated. Heater is deactivated. Proper flow of water is inhibited or pressure switch has malfunctioned. Check for proper water level, pump is primed and/or clogged filter. Contact Jacuzzi Spa Division.

FL2 **Pressure switch problem**
Pressure switch is closed, while pump is deactivated. Contact Jacuzzi Spa Division.

COL **Cool condition**
If the water temperature drops 20°F (11°C) below the set temperature (in economy mode), the low speed pump and the heater will activate to bring the temperature within 15°F (8°C) of the set temperature. No corrective action is required.

ICE **Freeze condition**
A potential freeze condition of 55°F (13°C) has been detected. No action is required. The low speed pump will be activated along with the heater. The hot tub will automatically bring the water temperature up, until the hot tub is out of danger (see "Winterizing", page 22).

OH **High temperature condition**
Water temperature is above acceptable limits. Do not enter the hot tub water. Water temperature has reached 110°F (43°C) and the low speed of the pump is activated to circulate the water through the heater.

- - - **Watchdog**
Water temperature has reached 118°F (48°C). The entire system is disabled. Contact Jacuzzi Spa Division.

Troubleshooting Procedures

In the unlikely event your hot tub is not working the way you believe it should, please first review all the installation and operating instructions in this manual and check the message on the panel display; second, if you are still not satisfied it is working properly, please follow the appropriate troubleshooting instructions.

PROBLEM	**PROCEDURE**
NONE OF THE COMPONENTS OPERATE (i.e. pump, light)	Check the control panel lights. 1. If there are letters or symbols displayed on the screen, refer to the previous section to determine meaning and action required. 2. If nothing appears on the screen: a. Check the household circuit breaker. b. Contact Jacuzzi Spa Division
PUMP DOES NOT OPERATE BUT LIGHT DOES OPERATE.	Depress "Jets" sensor. 1. If no sound is detected or if a "buzzing" sound is detected, turn off power to hot tub and contact Jacuzzi Spa Division. 2. If motor operates but no water flows to jets: a. Pump may not be properly primed. See instructions on the next page. b. Contact Jacuzzi Spa Division.

Pump Priming Instructions: Turn Hot Tub Off!
Remove filter and insert end of garden hose into filter pipe. Seal-off pipe opening around hose using a large, clean rag and turn on maximum water flow through the hose. After about 30 seconds, turn off water, remove hose and rag, reinstall filter and activate pump's high speed.

IMPORTANT: If freezing conditions exist and pump is not operational, take measures to protect the system from freeze damage. See "Winterizing", page 22.

POOR JET ACTION	1. Make certain the pump is on high speed. 2. Make sure jets are fully open. 3. Open air control for the jet system selected. 4. Check for adequate water level. 5. Check for dirty filter.
WATER IS TOO HOT	1. Reduce thermostat setting. 2. Reduce filtration cycle length. (Even without heater on, water temperature can increase from prolonged pump operation.)
NO HEAT	1. Check thermostat setting. 2. Keep the cover in place while heating. 3. If "heater on" indicator is lit. but no temperature rise is experienced after a reasonable period of time, contact your dealer or authorized service center.

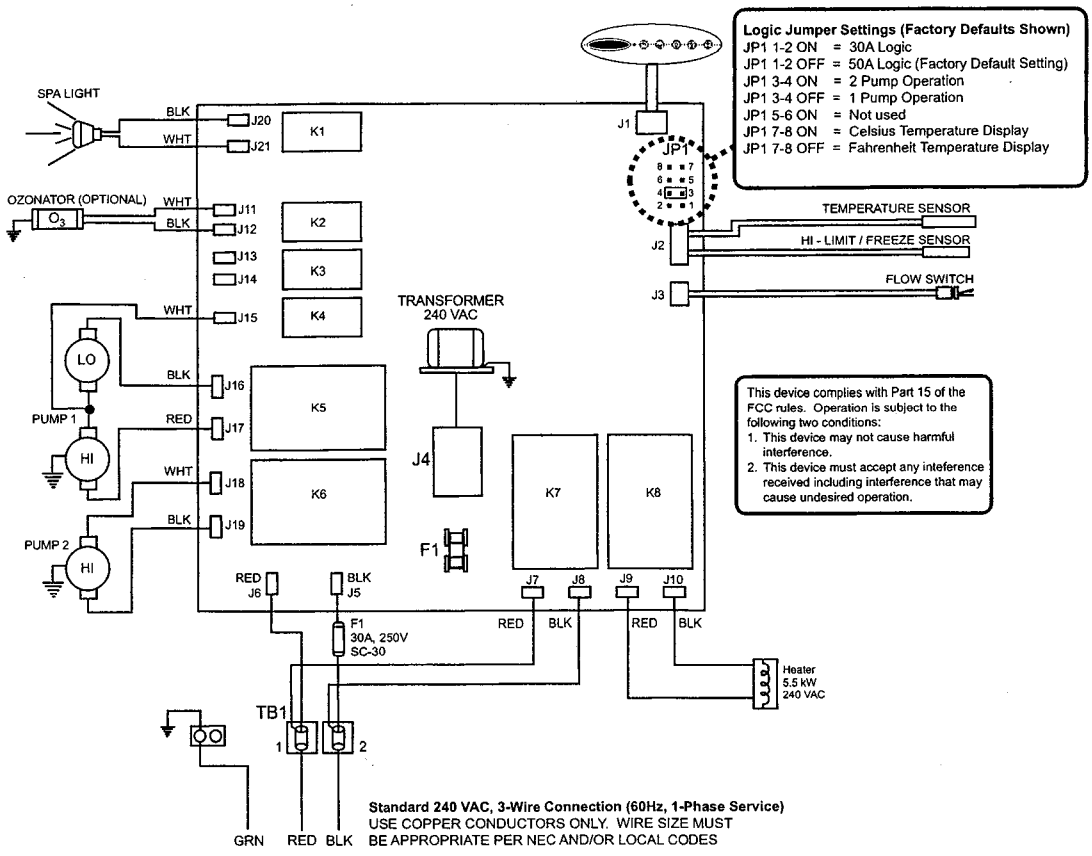
Your authorized local service center is a trained service repair center. Should checking the above steps fail to correct the problem, please call Jacuzzi Spa Division so that they may arrange service.

Your local service center's phone number:_____

Imperial spas builds the best hot tubs in the industry. Nonetheless, we are always striving to improve the quality and features of our products. Your input as hot tub owner is a cherished part of this process. If you have any comments or suggestions, or if you wish to be informed on any new products for your hot tub, please write to us.

CONGRATULATIONS on your good taste and welcome to the happiest and most relaxed family in the world!

Electrical Wiring Diagram
Winchester (US/Canada, 60 Hz)



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