BLOCK 1422.07 LOT 15 ADDRESS (SITE) 742 Tall Oaks Dr. PERMIT NO. 114-96

RECEIVED
JAN 29 1996
DIV. OF INSPECTION

Called 1/31/96 KR

CONSTRUCTION PERMIT APPLICATION

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

I. IDENTIFICATION

1. Proposed Work-site at: 742 Tall Oaks Dr.
2. Name of Owner in Fee: Maguire T[redacted]
   Address 742 Tall Oaks Dr. (street) Jackson Brick (municipality) (zip code)
3. Ownership in Fee: Public _____ Private ✓
4. Principal Contractor: Pool Town Inc. Tel. (908) 505-9000
   Address 4881 Hwy 9N, Howell NJ 07731
   License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
   Federal Emp. No. 22-2763004 Social Security No. _____
5. Architect or Engineer _____ Tel. (___) _____
   Address _____
6. Responsible Person in Charge of Work Pool Town Inc. Tel. (908) 505-9008

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	Pool $ 75-		
2. Electrical			
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal	$ 105		
7. Less 20% for State Plan Review	11 -		
8. Subtotal	$		
9. DCA Training Fee	30 -		
10. Subtotal	$ 20 -		
11. Cert. of Occupancy	$30.00		
12. Other			
13. TOTAL	$ 174-00		

FENCE 30-

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. Construction Classification	
7. Total Land Area Disturbed sq. ft.	
8. Flood Hazard Zone	
9. Base Flood Elevation ft.	
10. Wetlands yes sq. ft. / no	
11. Max. Live Load	
12. Max. Occupancy Load	

II. PROPOSED WORK

	Est. Cost
1. ☐ Minor work (single trade)	
2. ☐ Small Job ($5,000 and no prior approvals)	
3. ☐ New Building	
4. ☐ Addition	
5. ☐ Alteration	
6. ☐ Fire Protection	
7. ☐ Plumbing	
8. ☐ Electrical	
9. ☐ Elevator Devices	
10. ☐ Asbestos Abatement	
11. ☐ Demolition	
TOTAL COSTS	10,000.00

IN GROUND Pool

OPTIONAL (for office use only)

	Plans Rec'd By	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
				1-31-96		3/14/96		
						3/14/96		BK
		1/30/96		1/30/96				

III. DO YOU WANT: (optional) 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

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL
1. ☐ Hotels (R-1)
2. ☐ Multi-Family (R-2)
3. ☐ Two-Family (R-3) BOCA
4. ☐ Two-Family (R-4) CABO
5. ☐ One-Family (R-3) BOCA
6. ☐ One-Family (R-4) CABO

No of dwelling units:
Before Construction _____
After Construction _____
Net gain or loss _____

B. NON-RESIDENTIAL
1. State Specific Use:
2. Use Group:
3. Change in Use Group, Indicate Former:

LDS BR 10519230

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(e)1.vii:

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 New Jersey Uniform Construction Code, N.J.A.C. 5:32-2.15(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 Pool Town Inc.

Address 4881 Hwy 9N, Howell NJ 07731

Telephone (908) 505-9000

Signature Amanda Werner Date 10-10-95

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST **(office use only)**	LOCAL APPROVAL Prelimin. Initial	LOCAL APPROVAL Final Date	COUNTY APPROVAL Prelimin. Initial	COUNTY APPROVAL Final Date	REGIONAL APPROVAL Prelimin. Initial	REGIONAL APPROVAL Final Date	STATE APPROVAL Prelimin. Initial	STATE APPROVAL Final Date	COMMENTS
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Fire Department									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Dept. of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Dept. of Environmental Protect.									
☐ Utility Dig No.									
☐									
☐									

IMPORTANT
A.H.B.T. - EXEMPT

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

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

X. CERTIFICATES ISSUED **(office use only)**

		DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No.				
☐ Temporary Certificate of Compliance	No.				
☐ Continued Certificate of Occupancy	No.				
☐ Certificate of Compliance	No.				
☐ Certificate of Occupancy	No.				
☐ Certificate of Approval	No.				

CONSTRUCTION PERMIT

Date Issued
Control #
Permit #

IDENTIFICATION Block 1422.03 Lot 15

Work Site Location 742 Tall Oaks Dr. Brick

Owner in Fee Maguire

Address 742 Tall Oaks Dr. Brick

Tele [redacted]

Contractor Pool Town Inc.

Address 4881 Hwy 9N Howell NJ 07731

Tele. 908) 505-9000

Lic. No. or Bldrs. Reg. No. _____ Exp. Date _____

Federal Emp. No. 22-2763004

or Social Security No. _____

is hereby granted permission to perform the following work:

[ ] BUILDING [ ] PLUMBING [ ] OTHER _____

[ ] ELECTRICAL [ ] FIRE PROTECTION

[ ] ELEVATOR DEVICES

DESCRIPTION OF WORK:
PROPOSED 18X30X40 inG ROUND POOL
PROPOSED 6' WOOD FENCE W/SELF LOCKING & LATCHING GATE
PROPOSED 4' CHAIN LINK W/11'/4 DIAMONDS
EXISTING 4' CHAIN LINK
CUSTOMER TO INSTALL DOOR ALARM
ALL FENCES TO BE INSTALLED BY CUSTOMER

NOTE: If construction 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 $ 10,000.00

CONSTRUCTION OFFICIAL

PAYMENTS **(Office Use Only)**

Building _____
Electrical _____
Plumbing _____
Fire Protection _____
Elevator Devices _____
Other _____
DCA Training Fee _____
Cert. of Occ. _____
Other _____
Total _____
Check No. _____
Cash _____
Collected By: _____

(see reverse side)

U.C.C. Form F-170C 1 WHITE—INSPECTOR 2 CANARY—OFFICE 3 PINK—OFFICE 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 work installed conforms to the approved plans and 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 given.

[ ] Required inspections for all subcodes for one and two family dwellings are the following:

1. The bottom of footing trenches before placement of footings, except that in the case 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 and connections prior to covering with finish or infill material; plumbing underground services, rough piping, water service, sewer, septic services and storm drains; electrical rough wiring, panels and service installations; insulation installations;
4. Installation of all finished materials, sealings of exterior joints; plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

[ ] 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. Any violations of the approved plans and/or permit will be noted and the holder of the permit notified of discrepancies.

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

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

U.C.C. Form F-170D

CONSTRUCTION PERMIT

Date Issued 2/8/96
Control #
Permit # 114-96

IDENTIFICATION Block 1422.07 Lot 15

Work Site Location 742 Tall Oaks Dr

Owner in Fee Vito DiGiampietro

Address Same

Tele. ( )

Contractor Pool Town

Address **0002**
1148

Tele. ( )

Lic. No. or Bldrs. Reg. No. Exp. Date

Federal Emp. No. LOT 15 #

or Social Security No. BUILDING 30.00

is hereby granted permission to perform the following work:

[ ] BUILDING [ ] PLUMBING [ ] OTHER

[ ] ELECTRICAL [ ] FIRE PROTECTION

[ ] ELEVATOR DEVICES

DESCRIPTION OF WORK:

1.G. Pool & fence

NOTE: If construction 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 $ 10,000-

CONSTRUCTION OFFICIAL

U.C.C. Form F-170C

1 WHITE - OFFICE 2 CANARY - TAX ASSESSER 3 PINK - JACKET 4 GOLD - APPLICANT

PAYMENTS (Office Use Only)		
Building	75.	75.00
Plumbing		11.00
Electrical	30.	8.00
Fire Protection		20.00
Other Plan	11.	15.00
Other Insp	15.	15.00
DCA Training Fee	8	74.00
Cert. of Occ.		74.00
Other Eng	15	0.00
Total	174.	10:58
Check No.		
Cash		
Collected By:		

PERMIT UPDATE

Date Update Issued 3/8/96
Control #
Permit #
Date Permit Issued 1-4-96

IDENTIFICATION Block 1422.07 Lot 15
Work Site Location 742 Tall Oak Drive
Owner in Fee Malone
Address Canaveral Ave
[redacted]

Contractor William J. Rinaldi Plumbing
Address 72 Richwell Ave Little Silver, N.J. 07739
Tele. (908) 747-3241
Lic. No. or Bldrs. Reg. No. 9351
Federal Emp. No. 22-7424196
or Social Security No.

is hereby granted permission to perform the following work:

[ ] BUILDING [ ] PLUMBING [ ] Other
[ ] ELECTRICAL [X] FIRE PROTECTION

DESCRIPTION OF WORK:
Install approx 150' of sprinkling system heads & connect

Estimated Cost of Work $ 1,500.00

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only) CK CHANGE
Building
Plumbing 3/08/96 CHD 5
Electrical
Fire Protection 33
Other
Other
DCA Training Fee 1-
Cert. of Occ.
Other
Total $34-
Check No.
Cash
Collected By: VLC

U.C.C. Form F-190A

1 WHITE—INSPECTOR COPY 2 CANARY—OFFICE COPY 3 PINK—OFFICE COPY 4 GOLD—APPLICANT COPY

BUILDING SUBCODE TECHNICAL SECTION

Date Received
Date Issued 2/18/96
Control #
Permit # 114-96

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

Block 1422.07 Lot 15
Work Site Location 742 Tall Oaks Dr., Brick

Owner in Fee Maguire
Address 742 Tall Oaks Dr., Brick

Tele. [redacted]
Contractor Pool Town Inc.
Address 4881 Hwy 9N, Howell NJ 07731

Tele. (908) 505-9000
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2763004 or Social Security No.

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.

Amanda Werner
Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
Proposed 19x30x4'6 inground pool
Proposed 6' wood fence w/self locking & latching gate to be installed by customer.
Proposed 4' chain link w/1'4 diamondo
Existing 4' chain link
customer to install door alarm
All fences to be installed by customer

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS Type:	Failure	Failure	Approval	Initial
[ ] No Plans Req.							
[X] All	2/29/96	AR	Footing COLCAR			2/29/96	JC
[ ] Footing			Foundation				
[ ] Foundation			Slab				
[ ] Frame			Frame				
[ ] Other			Insulation				
Joint Plan Review Required:			Finishes			5/14/96	
[ ] Elec. [ ] Plumb. [ ] Fire			Energy				
SUBCODE APPROVAL			Mechanical				
[ ] CO [ ] CCO [ ] CA			TCO				
Date: 5-14-96			Other				
Approved By:			Final				

TYPE OF WORK:
[ ] New Building
[ ] Addition
[ ] Alteration
[ ] Roofing
[ ] Siding
[X] Fence 4'x6' Height (6' or over)
[ ] Sign ____ Sq. Ft.
[X] Pool
[ ] Asbestos Abatement
[ ] Other
[ ] Other
[ ] Demolition

(Office Use Only)
FEE
$

B. BUILDING CHARACTERISTICS

Use Group Present ____ Proposed ____
Constr. Class Present ____ Proposed ____
No. of Stories ____
Height of Structure ____ Ft.
Area - Largest Floor ____ Sq. Ft.
New Bldg. Area/All Floors ____ Sq. Ft.
Volume of New Structure ____ Cu. Ft.
Total Land Area Disturbed ____ Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ ____
2. Alteration $ ____
3. Total (1+2) $ 10,000.00

Administrative Surcharge $ ____
Paid [ ] Check # ____ Minimum Fee $ ____
Collected by: ____ DCA TRAINING FEE $ ____
TOTAL FEE $ ____

U.C.C. Form F-110B
1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy

called (left message) 3-7-96

UPDATE

PLUMBING SUBCODE TECHNICAL SECTION

Date Received 3/8/96
Date Issued
Control #
Permit # 11496

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

Block 1422.07 Lot 15
Work Site Location 742 Tall Oaks Driver

Owner in Fee Matt Maguire
Addr [redacted] e
Tele.
Contractor William J. Brannagan Plumbing & Heating
Address 72 Riverview Ave Little Silver N.J. 07739

Tele. (908) 747-3040
Lic. No. 9351
Federal Emp. No. 22-3424196 or Social Security No.

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed
Building Sewer Size Public Sewer Private Septic
Water Service Size Public Water Private Well
Estimated Cost of Plumbing Work $

JOB SUMMARY (Office Use Only)

PLAN REVIEW:
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg. [ ] Elec.
[ ] Fire [ ] Elevator
[X] Plumb. Plans Approved
Date: 3-6-96
Approved by:

SUBCODE APPROVAL:
[ ] CO [ ] CCO [ ] CA
Approved By:
Date:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
Solar				
TCO				

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.

William J. Brannagan
Signature—Contractor Seal

[✓] Licensed Plumbing Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
	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 (Pool Heater)	15
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Water Cooled A/C or Refrigeration Unit	
	Sewer Connection	
	Water Service Connection	
	Active Solar System	
	Other Pool Heater	25

3-6-96

Administrative Surcharge $ 10
Paid [ ] Check # Minimum Fee $
DCA Training Fee $
Collected by: TOTAL $ 50

U.C.C. Form F-130B

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

UPDATE

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

Date Received
Date Issued 3/8/96
Control #
Permit # 114-96

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

Block 14-22.07 Lot 15
Work Site Location 742 Tall Oaks Drive.

Owner in Fee Matt Maguire
Address Same as above
[redacted]
Tele.
Contractor William J. Brannagan Plumbing & Heating
Address 72 Riverview Ave Little Silver N.J. 07739

Tele. (908) 747-3040
Lic. No. 9351
Federal Emp. No. 22-3424196 or Social Security No.

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed
Constr. Class. Present Proposed
Heating Systems [ ] New [ ] Existing
Type: [✓] Gas [ ] Oil [ ] Electrical [ ] Solar
[ ] Other Pool Heater (gas line)
Location:
Total Est. Cost of Fire Prot. Work $ 1,500.00 [ ] Other

JOB SUMMARY (Office Use Only)

PLAN REVIEW:
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg. [ ] Plumb.
[ ] Elec. [ ] Elevator
[ ] Fire Plans Approved
Date: 3/6/96
Approved by:
SUBCODE APPROVAL:
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS: Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Suppression Test				
Fire Alarm Test				
Smoke Test				
Mechanical				
TCO				
Other				
Other				
Other				

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.

William J. Brannagan
SIGNATURE

D. TECHNICAL SITE DATA

Description of Work

Water Supply Source
Method of Valve Supervision
Local Alarm Supervision
Central Supervision
Proprietary Supervision

Flammable Liquid Storage Tanks ( ) Capacity Fuel
Combustible Liquid Storage Tanks ( ) Capacity Fuel
L.P.G. Storage Tanks ( ) Capacity Fuel
L.N.G. Storage Tanks ( ) Capacity Fuel

	Number	FEE (Office Use Only)
Wet Sprinkler Heads		
Dry Sprinkler Heads		
TOTAL		
Smoke Detectors		
Heat Detectors		
TOTAL		
Stand Pipes		
Kitchen Hood Exhaust Systems		
Pre-Engineered Systems		
CO_2 Suppression		
Halon Suppression		
Foam Suppression		
Dry Chemical		
Wet Chemical		
Gas or Oil Fired Appliance		33
OTHER Heater		33

Administrative Surcharge $
Paid [ ] Check # Minimum Fee $ 33.00
DCA Training Fee $
Collected by: TOTAL FEE $ 33.00

U.C.C. Form F-140B
1 White = Inspector Copy 2 Canary = Office Copy
3 Pink = Office Copy 4 Gold = Applicant Copy

w/c

Bndl

ELECTRICAL SUBCODE TECHNICAL SECTION

Date Received
Date Issued
Control #
Permit # JAN 31 96 0 0 0 5 6 2

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

Block 1422.07 Lot 15
Work Site Location 142 Tall Oaks Dr, Brick
Owner in Fee Maguire
Address 142 Tall Oaks Dr., Brick
[redacted]
Tele.
Contractor BAYVIEW ELECTRIC INC.
Address 336 MARYLAND AVENUE
BAYVILLE, NJ 08721
Tele. (908) 269-9583
Lic. No. 8631
Federal Emp. No. 222-854-609/000 or Social Security No.

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed
[ ] Pole/Pad # [ ] Temporary [ ] Other
Building Occupied as Utility Co.
Est. Cost of Elec. Work $ 400.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW:
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg. [ ] Plumb.
[ ] Fire [ ] Elevator
[ ] Elec. Plans Approved
Date:
Approved by:

SUBCODE APPROVAL
[ ] CO [ ] CCO [✓] CA
Date: 3.14.96
Approved By: B. Kreilus 24

INSPECTIONS Type:	Failure	Failure	Dates (Month/Day) Approval	Initial
Rough				
Temporary				
Constr. Serv.				
TCO				
Other			3-14-96	BK
Service				
Final				

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued 3.14.96 PP

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.

William Whitman
Signature -- Contractor Seal

[X] Licensed Electrical Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
		Fixtures (1)	
1		Receptacles (2)	
1		Switches (3)	
		Total 1 + 2 + 3	
	___ Kw	Range	
	___ Kw	Oven(s)	
	___ Kw	Surface Unit	
	___ hp	Dishwasher	
	___ hp	Garbage Disposal	
	___ Kw	Dryer	
	___ Kw	A/C Unit	
		Burglar Alarms	
		Intercoms Panels	
		Smoke Detectors	
	___ hp	Whirlpool/spa	
1		Pool Bonding	
1	2 hp	Pool Filter Motor	
1		Pool Lights	
	___ Kw	Water Heater(s)	
	___ Kw	Central heat: oil, gas or elec.	
	___ Kw	Baseboard Heat Units	
		Thermostats	
	___ hp	Heat Pump	
	___ hp	Pump(s)	
	___ Amp	Motor Control Center/Sub Panels	
		Signs	
		Light Standards	
	___ hp	Motors—Fractional H.P.	
	___ hp	Motors—All Others	
	___ Kw	Transformers	
	___ Kw	Generators	
	___ Amp	Service Entrance	
		Other	

Paid [ ] Check # 1902
Collected by

Administrative Surcharge	$
Minimum Fee	$
DCA Training Fee	$
TOTAL FEE	$ 47.-

UCC Form F-1208 BC
1 White = Inspector Copy 2 Canary = Office Copy
3 Pink = Office Copy 4 Gold = Applicant Copy

Mailed by Pootown

ELECTRICAL SUBCODE
TECHNICAL SECTION

Date Received
Date Issued
Control #
Permit # JAN 31 96 0 0 0 5 6 2

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

Block 4422.07 Lot 15
Work Site Location 142 Tall Oaks Dr, Brick

Owner in Fee Maguire
Address 142 Tall Oaks Dr., Brick

Tele [redacted]

Contractor BAYVIEW ELECTRIC INC.
Address 336 MARYLAND AVENUE
BAYVILLE, NJ 08721

Tele. (908) 269-9583
Lic. No. 8631
Federal Emp. No. 222-854-609/000 or Social Security No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
[ ] Pole/Pad # _____ [ ] Temporary [ ] Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work $ 400.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW:
[ ] No Plans Required
Joint Plan Review Required
[ ] Bldg. [ ] Plumb.
[ ] Fire [ ] Elevator
[ ] Elec. Plans Approved
Date: _____
Approved by: _____

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date: _____
Approved By: _____

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Temporary				
Constr. Serv.				
TCO				
Other				
Service				
Final				

Temp. Cut-in-Card Date Issued _____
Final Cut-in-Card Date Issued _____

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.

William Wallman
Signature - Contractor Seal

[X] Licensed Electrical Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
		Fixtures (1)	
1		Receptacles (2)	
1		Switches (3)	
		Total 1 + 2 + 3	
	___ Kw	Range	
	___ Kw	Oven(s)	
	___ Kw	Surface Unit	
	___ hp	Dishwasher	
	___ hp	Garbage Disposal	
	___ Kw	Dryer	
	___ Kw	A/C Unit	
		Burglar Alarms	
		Intercoms Panels	
		Smoke Detectors	
	___ hp	Whirlpool/spa	
1		Pool Bonding	
1	2 hp	Pool Filter Motor	
1		Pool Lights	
	___ Kw	Water Heater(s)	
	___ Kw	Central heat: oil, gas or elec.	
	___ Kw	Baseboard Heat Units	
		Thermostats	
	___ hp	Heat Pump	
	___ hp	Pump(s)	
	___ Amp	Motor Control Center/Sub Panels	
		Signs	
	____	Light Standards	
	___ hp	Motors—Fractional H.P.	
	___ hp	Motors—All Others	
	___ Kw	Transformers	
	___ Kw	Generators	
	___ Amp	Service Entrance	
	____	Other	

Paid [ ] Check # 1112
Collected by _____

Administrative Surcharge $ _____
Minimum Fee $ _____
DCA Training Fee $ _____
TOTAL FEE $ 41.-

UCC Form F-1208 1 White - Inspector Copy 2 Canary - Office Copy 3 Pink - Office Copy 4 Gold - Applicant Copy

TOWNSHIP OF BRICK
ZONING PERMIT

Date of Issue: January 29, 1996 — 1996 Z 0036

Block 1422.07 **Lot** 15 **Zone** R-20

Property Address: 742 Tall Oaks Drive

Owner: Matthew Maguire **(Phone):** [redacted]

Applicant: Pool Town, Inc. **(Phone):** 505-9000

Use: Single-family dwelling.

Proposed Construction (if any): 19' by 30' by 40' in-ground swimming pool.

4' high chain-link fence.

6' high wood fence.

Conditions:

Please note that Building Permits, as well as Zoning Permits, must be obtained prior to any construction.

This permit shall be null, void and of no effect if any of the facts contained in the application upon the basis of which 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.

Sean Kinnevy

Sean Kinnevy **Land Use Officer**

BLOCK 1422.07

LOT 15

DATE 3-5-96

CALLED 3-5-96 DN

PLUMBING & MECHANICAL CHECK LIST

TECHNICAL SECTION INCOMPLETE

PLUMBER'S IDENTIFICATION & SEAL

ISOMETRIC SKETCH

LIST OF EXISTING FIXTURES

GAS PIPING (LENGTH OF RUN - SIZING - APPLIANCE RATINGS)

SIZE OF EXISTING HEATING UNIT

BROCHURE ~~FOR NEW HEATING UNIT~~ pool Heater

HEAT LOSS SURVEY

BARRIER-FREE CODE REQUIREMENTS

OTHER

NO Fire tech

MR. MUEL STONER

421.10.1
ITEM 9.1

poolguard™ PHM INDUSTRIES, INC.

RE: POOLGUARD DAPT DOOR ALARM

The POOLGUARD DAPT DOOR ALARM meets the requirements of the language in the door alarm description in the BOCA, CABC, ICBO, SBCCI, and UBC CODES. The POOLGUARD DAPT DOOR ALARM was designed specifically to meet the needs of the new barrier code requirements. The Dapt door alarm features are listed below:

1. If a child opens the door the alarm sounds in 7 seconds and will continue to sound until someone comes to the door
2. Alarm has a 15 second delay switch for adults to exit and enter without the alarm sounding
3. There is no on/off switch
4. Alarm is always on and always automatically resets in all conditions
5. The horn is 98 DB at 10 feet
6. The alarm WILL sound continuously until someone comes to the door and closes it and pushes the delay switch
7. Alarm sounds if a child goes through the door even if he closes the door behind him
8. The horn sound is different than other in house alarms
9. The door alarm is designed to fit any type door or window and come with all the necessary hardware for easy installation
10. The color of the door alarm is almond white to match any household decor

IF YOU HAVE ANY QUESTIONS CALL MERLE STONER AT 1-800-242-1163

INSTALLING DOOR SENSOR (Figure 1)

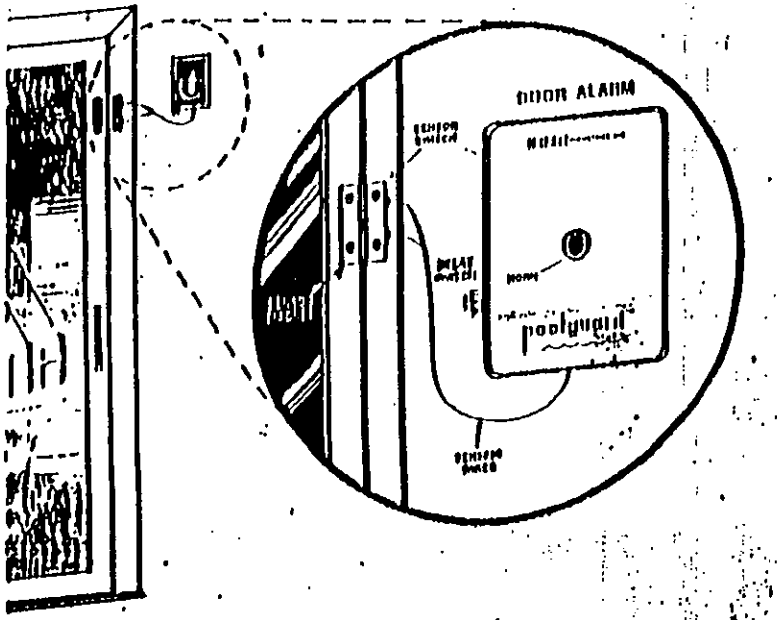


Figure 1

The Poolguard Door Alarm is activated by a sensor which consists of two parts. One part contains the sensor switch and the other the sensor magnet. The sensor switch has two connecting screws on its side for the sensing wire terminals that come from the Poolguard Door Alarm. Using the screws supplied, the sensor switch is installed on the stationary part (usually the frame) of the door, and the sensor magnet on the door itself. The sensor switch should be mounted on the side near top of the door frame (Figure 1), but not on the side which is hinged. To function properly the sensor switch and sensor magnet must be close together and line up perfectly. In some cases it will be necessary to use some wood or plastic under the sensor switch or sensor magnet, particularly where the door and door frame do not line up or where there is molding around the door. For best operation the sensor switch and sensor magnet should almost touch, but a spacing of up to 3/8" is acceptable. If the door or frame both are made of steel the sensor switch and the sensor magnet must be spaced at least 1/8" or even better 1/4" away from the steel frame or door, use pieces of wood or plastic for this purpose.

INSTALLING DOOR ALARM FOR INDOOR USE ONLY (Figure 2)

Your Poolguard Door Alarm is designed to be installed within 22" of the sensor switch for the sensor wire connection. To mount door alarm on wall next to door:

A. Determine the best location. Alarm should be located high enough so that children cannot reach the alarm.

B. Remove mounting plate from door alarm by removing the four small screws. Place mounting plate at the location on the wall which you have chosen to locate the alarm. With a pencil mark the two spots where the large end of the keyholes will be located when you hang the door alarm. These two marks are where 2 of the 6 supplied screws will be inserted into the wall to hang your alarm.

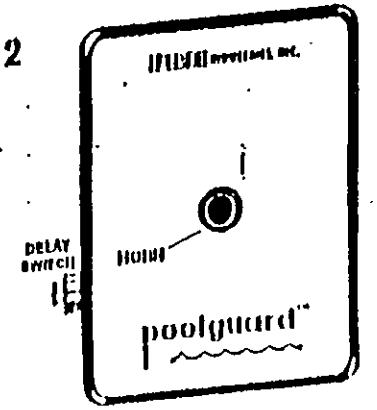
C. Insert the supplied screws into the wall, and leave about 3/16" (not including the head of the screw) of the screws from the wall.

D. Connect a 9-volt battery to the battery snap and install the battery into the door alarm battery holder. Replace the mounting plate and the four screws to hold it in place.

E. Hang door alarm on the mounted screws and pull downward until the screws are positioned in the small end of the keyholes in the back of the unit.

F. Now that the battery is installed you may accidentally set the unit off while you are connecting the sensing wires. If this happens press the RED delay switch. You are now ready to connect your door alarm.

Figure 2



CONNECTING DOOR ALARM TO SENSOR SWITCH (Figure 1)

The sensor wire is permanently connected to the door alarm. Connect the sensor wire terminals to the two screws on the side of the sensor switch that is mounted on the door frame. It does not matter which terminal goes to which screw.

2. Openings in the barrier shall not allow passage of a 4-inch (102 mm) diameter sphere.
3. Solid barriers shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1¾ inches (44 mm) in width. Decorative cutouts shall not exceed 1¾ inches (44 mm) in width.
5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Decorative cutouts shall not exceed 1¾ inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 1¼-inch (32 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1¾-inches (44 mm).
7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall be not more than 1¾ inches (44 mm).
8. Access gates shall comply with the requirements of items 1 through 7 of Section 421.10.1, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate: (a) the release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and (b) the gate and barrier shall not have an opening greater than ½ inch (13 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier, one of the following shall apply:
   9.1. All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened. The alarm shall have a minimum sound pressure rating of 85 dBA at 10 feet (3048 mm) and the sound of the alarm shall be distinctive from other household sounds such as smoke alarms, telephones and door bells. The alarm shall automatically reset under all conditions. The alarm shall be equipped with manual means, such as touchpads or switches, to deactivate temporarily the alarm for a single opening from either direction. Such deactivation shall last for not more than 15 seconds. The deactivation touchpads or switches shall be located at least 54 inches (1372 mm) above the threshold of the door.
   9.2. The pool shall be equipped with an approved power safety cover.
10. Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a fixed or removable ladder or steps, the ladder or steps shall be surrounded by a barrier which meets the requirements of items 1 through 9 of Section 421.10.1. A removable ladder shall not constitute an acceptable alternative to enclosure requirements.

421.10.2 Indoor private swimming pool: All walls surrounding an indoor private swimming pool shall comply with Section 421.10.1, item 9.

421.10.3 Prohibited locations: Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

421.10.4 Exemptions: The following shall be exempt from the provisions of this section.

1. A spa or hot tub with an approved safety cover.
2. Fixtures which are drained after each use.

421.11 Diving boards: Minimum water depths and distances for diving hoppers for pools, based on board height above water, shall comply with Table 421.11(1) for public pools and Table 421.11(2) for private pools.

The maximum slope permitted between point D_1 and the transition point shall not exceed one unit vertical to three units horizontal (1:3) in private and public pools. D_1 is the point directly under the end of the diving boards. D_2 is the point at which the floor begins to slope upwards to the transition point. See Figure 421.11.

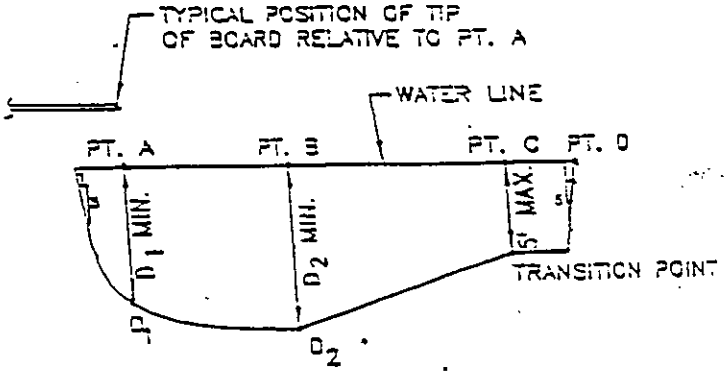


Figure 421.11
MINIMUM WATER DEPTHS AND DISTANCES BASED ON BOARD HEIGHT FOR PUBLIC AND PRIVATE POOLS

surface area or fraction thereof. Overflow gutters shall not be less than 3 inches (76 mm) deep and shall be pitched to a slope of one unit vertical to 48 units horizontal (1:48) toward drains, and constructed so that such gutters are safe, cleanable and that matter entering the gutters will not be washed out by a sudden surge of entering water.

421.5.4 Walkways: All public swimming pools shall have walkways not less than 4 feet (1219 mm) in width extending entirely around the pool. Curbs or sidewalks around any swimming pool shall have a slip-resistant surface for a width of not less than 1 foot (305 mm) at the edge of the pool, and shall be so arranged as to prevent return of surface water to the pool.

421.5.5 Steps and ladders: At least one *means of egress* shall be provided from private pools. Public pools shall provide ladders to other *means of egress* at both sides of the diving section and at least one *means of egress* at the shallow section; or at least one *means of egress* in the deep section and the shallow section if diving boards are not provided. Treads of steps and ladders shall have slip-resistant surfaces and handrails on both sides, except that handrails are not required where there are not more than four steps or where the steps extend the full width of the side or end of the pool.

421.6 Water supply: All swimming pools shall be provided with a potable water supply, free of cross connections with the pool or its equipment.

421.6.1 Water treatment: Public swimming pools shall be designed and installed so that there is a pool water turnover at least once every 8 hours. Filters shall not filter water at a rate in excess of 3 gallons per minute per square foot (0.0020 $m^3/s \cdot m^2$) of surface area. The treatment system shall be designed and installed so that at all times when the pool is occupied, the water is provided with excess chlorine of not less than 0.4 parts per million (ppm) or more than 0.6 ppm, or excess chloramine between 0.7 and 1.0 ppm, or disinfection shall be provided by other approved means. Acidity/alkalinity of the pool water shall not be below 7.0 or more than 7.5. All recirculating systems shall be provided with an approved hair and lint strainer installed in the system ahead of the pump.

Private swimming pools shall be designed and installed so that there is a pool water turnover at least once every 18 hours. Filters shall not filter water at a rate in excess of 5 gallons per minute per square foot (0.0034 $m^3/s \cdot m^2$) of surface area. The pool owner shall be instructed in the care and maintenance of the pool by the supplier or builder, including treatment with high-test calcium hypochlorite (dry chlorine), sodium hypochlorite (liquid chlorine) or equally effective germicide and algicide, and the importance of proper pH (alkalinity and acidity) control.

421.6.2 Drainage systems: The swimming pool and equipment shall be equipped to be emptied completely of water and the discharged water shall be disposed of in an approved manner that will not create a nuisance to adjoining property.

421.7 Appurtenant structures: All *appurtenant structures*, installations and equipment, such as showers, dressing rooms, equipment houses or other buildings and structures, including plumbing, heating and air conditioning systems, shall comply with all applicable requirements of this code.

421.7.1 Accessories: All swimming pool accessories shall be designed, constructed and installed so as not to be a safety hazard. Installations or structures for diving purposes shall be properly anchored to insure stability.

421.8 Equipment installations: Pumps, filters and other mechanical and electrical equipment for public swimming pools shall be enclosed in such a manner as to provide access only to authorized persons and not to bathers. Construction and drainage shall be arranged to avoid the entrance and accumulation of water in the vicinity of electrical equipment.

421.9 Enclosures for public swimming pools: Public swimming pools shall be provided with an enclosure surrounding the pool area. The enclosure shall meet the provisions of Sections 421.9.1 through 421.9.3.

421.9.1 Enclosure: The enclosure shall extend not less than 4 feet (1219 mm) above the ground. All gates shall be self-closing and self-latching with latches placed at least 4 feet (1219 mm) above the ground.

421.9.2 Construction: Enclosure fences shall be constructed so as to prohibit the passage of a sphere larger than 4 inches (102 mm) in diameter through any opening or under the fence. Fences shall be designed to withstand a horizontal concentrated *load* of 200 pounds (91 kg) applied on a 1-square-foot (0.093 m^2) area at any point of the fence.

421.9.3 Alternative devices: A natural barrier, pool cover or other protective device approved by the governing body shall be an acceptable enclosure as long as the degree of protection afforded by the substituted device or structure is not less than the protection afforded by the enclosure, gate and latch described herein.

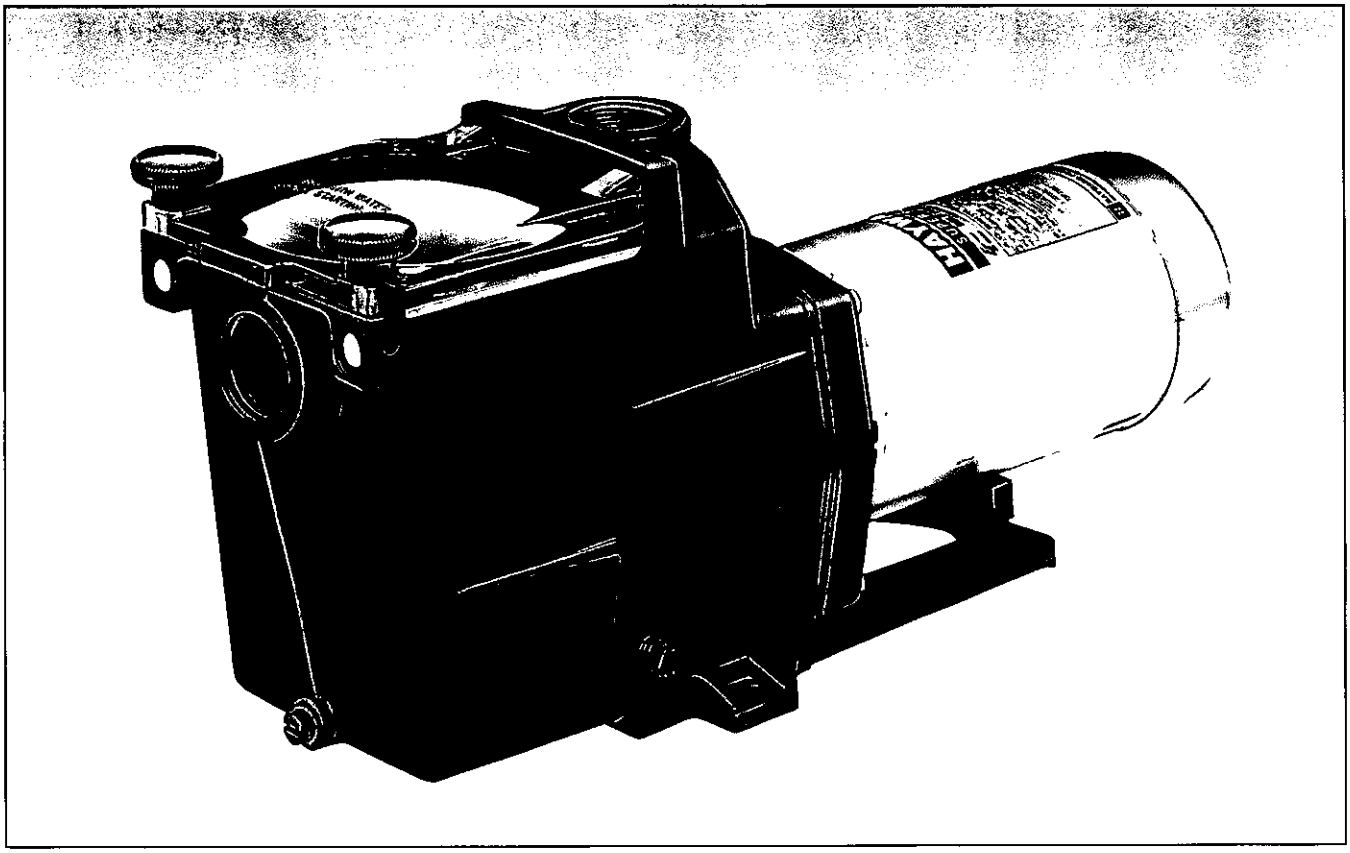
421.10 Enclosures for private swimming pools, spas and hot tubs: Private swimming pools, spas and hot tubs shall be enclosed in accordance with Sections 421.10.1 through 421.10.4 or by other approved barriers.

421.10.1 Outdoor private swimming pool: An outdoor private swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following.

1. The top of the barrier shall be at least 48 inches (1219 mm) above finished ground level measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between finished ground level and the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above finished ground level, such as an above-ground pool, the barrier shall be at finished ground level, such as the pool structure, or shall be mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).

Super Pump®

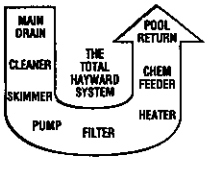
HIGH-PERFORMANCE PUMP SERIES



■ *Super Pump: high performance and quiet operation.*

Hayward's Super Pump is a series of large capacity, high technology pumps that blend cost-efficient design with durable corrosion-proof construction.

Designed for pools of all types and sizes, Super Pump features a large "see-thru" strainer cover, super-size debris basket and exclusive "service-ease" design for extra convenience.



For super performance and safe, quiet operation, Super Pump sets a new standard of excellence and value. And you know its quality throughout because its made by Hayward — the first choice of pool professionals.

HAYWARD®

Hydrogen, Oxygen and Hayward. The elements of clear water™

Super Pump® High Performance Pump Series

Exclusive, Swing-Aside Hand Knobs make strainer cover removal easy. No tools required...no loose parts... no clamps.

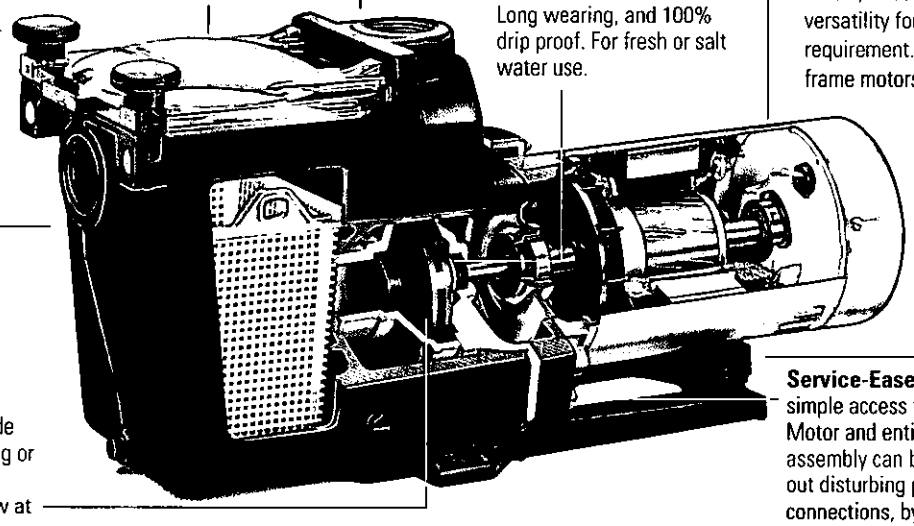
Lexan® See-Thru Strainer Cover lets you see when basket needs cleaning and eliminates guesswork. Special self-adjusting seal assures dependable sealing.

All Components Molded of Corrosion-Proof PermaGlass™ for extra durability and long life.

Heavy-Duty, High-Performance Motor with air-flow ventilation for quieter, cooler operation.

Heat Resistant, Industrial Size Ceramic Seal. Long wearing, and 100% drip proof. For fresh or salt water use.

Mounting Base provides stable, stress-free support, plus versatility for any installation requirement. Adapts 48 and 56 frame motors.

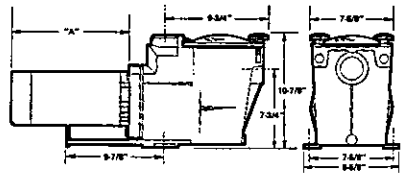


Super-Size Housing has extra air handling capacity to assure rapid priming.

Totally Balanced, Corrosion-Proof Noryl® Impeller has smooth, wide openings to prevent fouling or clogging. Energy-efficient design produces more flow at equivalent horsepower.

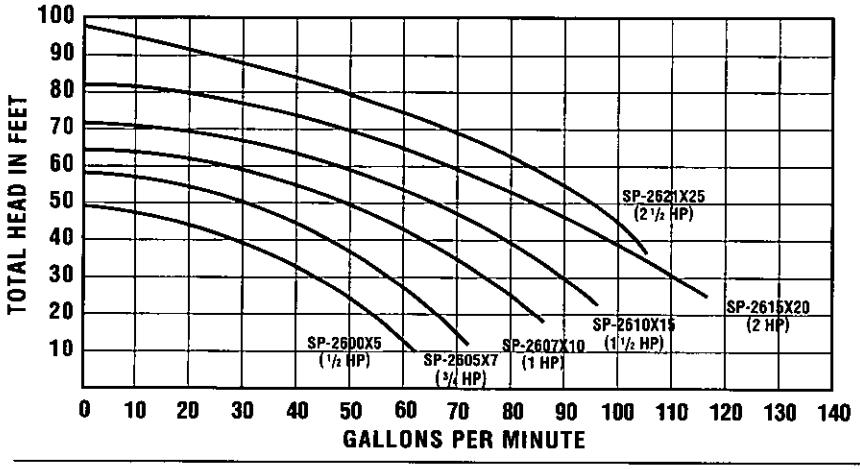
Service-Ease Design gives simple access to all internal parts. Motor and entire drive group assembly can be removed, without disturbing pipe or mounting connections, by disengaging just four bolts.

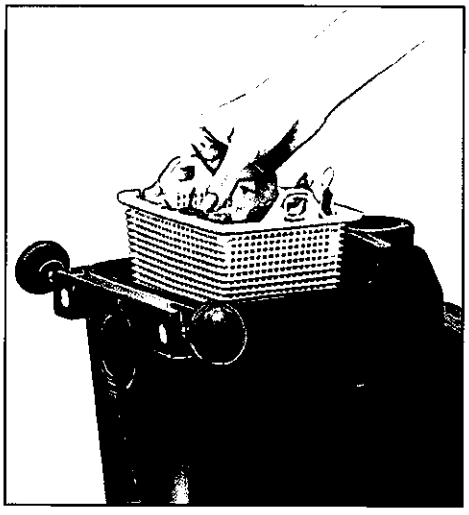
Overall Dimensions



Model	HP	Pipe Size	Dimension "A"
SP-2600X5	1/2	1 1/2"	11 1/4"
SP-2605X7	3/4	1 1/2"	11 5/8"
SP-2607X10	1	1 1/2"	11 7/8"
SP-2610X15	1 1/2	1 1/2"	12 1/4"
SP-2615X20	2	2"	13 1/4"
SP-2621X25	2 1/2	2"	13 3/4"

Super Pumps are also available with dual speed motors.





SUPER-SIZE 110 CUBIC INCH BASKET has extra leaf-holding capacity and extends time between cleanings. Rigid construction with load-extender ribbing assures free flowing operation for heavy debris loads.

Super Pump® Series Pumps are listed by:

UL® NSF® CSA®

HAYWARD POOL PRODUCTS, INC.

Hayward Pool Products, Inc.
900 Fairmount Avenue
Elizabeth, NJ 07207

Hayward Pool Products, Inc.
2875 Pomona Boulevard
Pomona, CA 91768

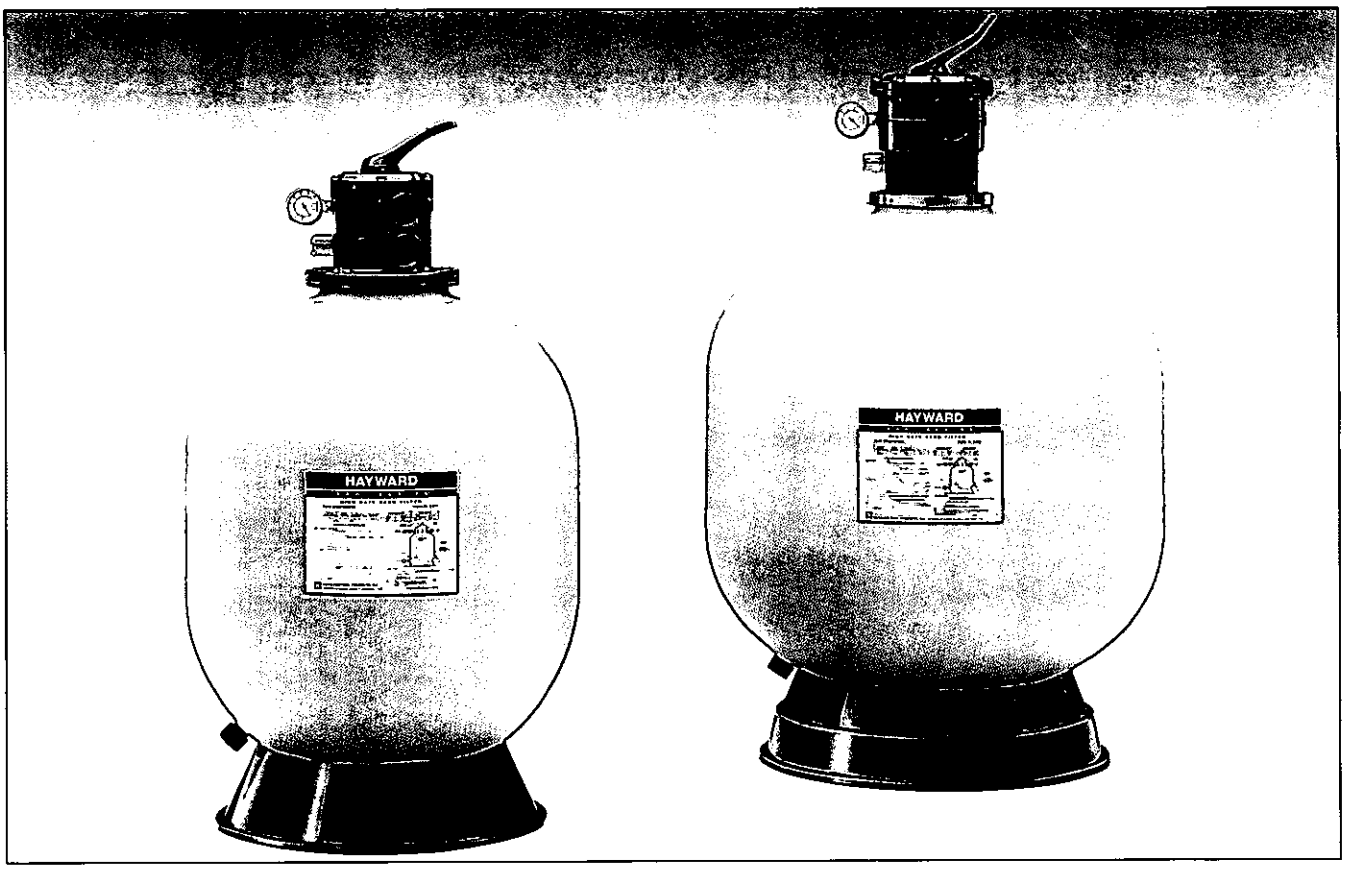
Hayward Pool Products Canada
2880 Plymouth Drive
Oakville, Ontario L6H 5R4

Hayward S.A.
Zone Industrielle de Jumet
B-6040 Charleroi, Belgium

26-93

Pro™ Series

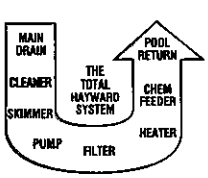
TOP-MOUNT SAND FILTERS



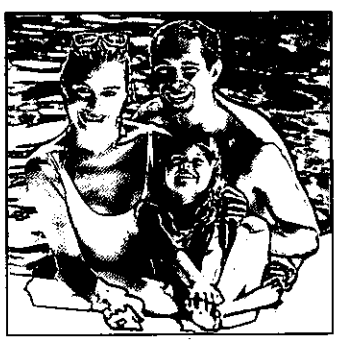
■ *Pro-Series S-244T 24" filter (left), and S-310T 30" filter (right), shown with Vari-Flo™ top-mount filter control valve.*

Hayward Pro-Series sand filters are the very latest in pool filter technology, and produce crystal clear, sparkling water with only minimum care.

Molded of durable, corrosion-proof polymeric materials, they feature attractive, unitized construction, and self-cleaning 360° slotted laterals for smooth, efficient flow and totally-balanced backwashing. Plus, a versatile six-position control valve allows for easy operation and maximum efficiency.



Pro-Series filters set a new standard for performance, value and dependability. And you know it's quality throughout because it's made by Hayward — the first choice of pool professionals.



HAYWARD®

Hydrogen, Oxygen and Hayward. The elements of clear water™

Pro™ Series Top-Mount Sand Filters

Flange Clamp Design allows 360° rotation of valve to simplify plumbing.

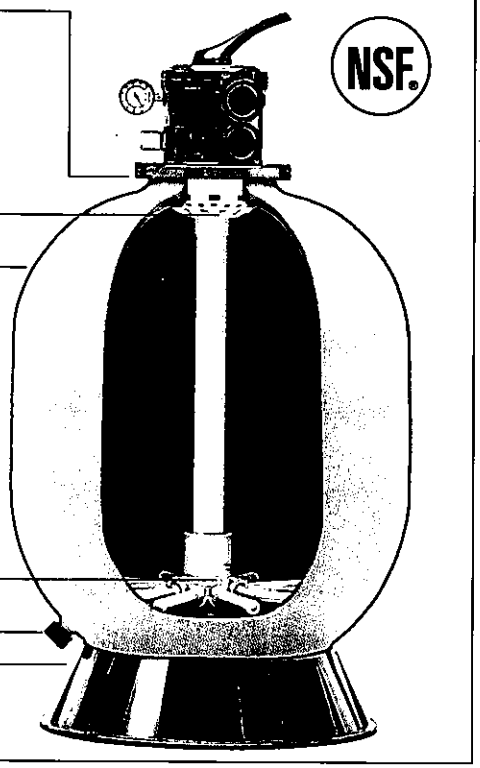
Integral Top Diffuser assures even distribution of water over the top of the sand media bed. Full-size internal piping gives smooth, free-flowing performance.

Unitized, Corrosion-Proof Filter Tank molded of tough, durable, colorfast polymeric material for dependable, all-weather performance with only minimal care.

Efficient, Multi-Lateral Underdrain Assembly with precision engineered, self-cleaning 360° slotted laterals gives totally balanced flow and backwashing.

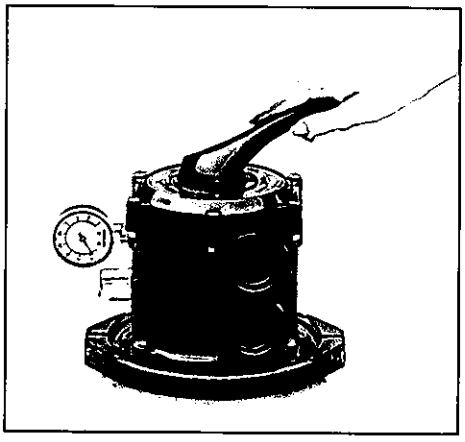
Integral Molded Drain Plug for easy draining of tank, without the loss of sand.

Totally Corrosion-Proof Base is rugged and attractively styled to provide strong, stable support.



Specifications – Pro-Series High-Rate Sand Filters

FILTER TYPE:	High-Rate Sand: No. 1/2 Silica Sand (.45mm – .55mm)
FILTER TANK:	Molded Polymeric
UNDERDRAIN:	Precision 360° Slotted Laterals
CONTROL VALVE:	6-Position, Top-Mount Vari-Flo™ With Lever-Action Handle
VALVE FASTENING:	Flange Clamp Design
SUPPORT BASE:	Injection-Molded ABS
PERFORMANCE RANGE:	½ TO 3 HP (30 to 120 GPM)
DIMENSIONS:	S-180T–18½" W x 35" H (470 mm x 889 mm) S-210T–20½" W x 38" H (521 mm x 965 mm) S-220T–22½" W x 41" H (572 mm x 1041 mm) S-244T–24½" W x 42" H (622 mm x 1067 mm) S-310T–30½" W x 48" H (775 mm x 1219 mm)



Performance Data

MODEL NUMBER	EFFECTIVE FILTRATION AREA	DESIGN FLOW RATE*	TURNOVER (GALS.) 8 Hr.	TURNOVER (GALS.) 10 Hr.	SAND REQUIRED
S-180T	1.75 sq. ft.	35 GPM	16,800	21,000	150 lbs.
S-210T	2.20 sq. ft.	44 GPM	21,120	26,400	200 lbs.
S-220T	2.64 sq. ft.	52 GPM	24,960	31,200	250 lbs.
S-244T	3.14 sq. ft.	62 GPM	29,760	37,200	300 lbs.
S-310T	4.91 sq. ft.	98 GPM	47,040	58,800	500 lbs.

*Based upon 20 GPM per square foot (maximum allowable NSF rating).

Vari-Flo™ 6-Position Control Valve with easy-to-use lever-action handle lets you "dial" any of six valve/filter functions: Filter, Waste, Backwash, Rinse, Closed or Recirculate. Integral sight glass lets you see when backwash cycle is completed.

System Base Options
Use the basic Pro-Series filter units with optional molded bases and Hayward pump of your choice to form an integrated, custom filter system.

S-160T-PAK-1 Universal Pump Mounting Base.
S-160T-PAK-3 Universal Pump/Filter Mounting Base.

HAYWARD POOL PRODUCTS, INC.

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2880 Plymouth Drive
Oakville, Ontario L6H 5R4

Hayward S.A.
Zone Industrielle de Jumet
B-6040 Charleroi, Belgium

Wa
For A
Su

Comfort

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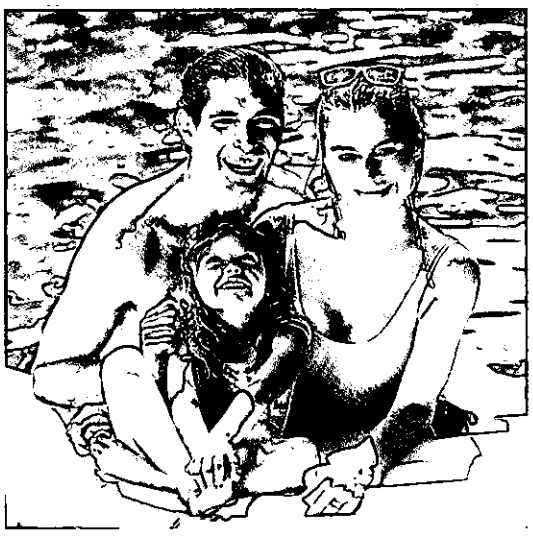
Hydrogen, Oxygen and Ha

Hayward Comfortzone®

QUALITY POOL HEATERS

Family Fun Is Extended with A Well-Heated Pool



Of all the decisions you can make regarding your pool or spa, none will have more impact than deciding to enhance your investment with the addition of recreational water heating equipment.

A high-performance heater can single-handedly warm your heart on even the chilliest Indian summer's night. But it's also coveted for its ability to let you use your pool earlier in the year. It also lets you swim, comfortably, long after your friends have abandoned their pools for the season. And it lengthens your swimming day — so you can exercise early each morning, or entertain later each evening.

Warm, inviting water will make your leisure hours seem special. Like a vacation you can enjoy without ever leaving your own backyard. Select the new Comfortzone CZ series heater from Hayward.

State-of-the-art burner system.

The new Comfortzone CZ series heaters feature a new jet-ported, stainless steel burner system that delivers the most advanced heating capabilities of any heater ever designed for residential pools and spas.

Taking advantage of a unique venturi design, the CZ burner system evenly distributes incoming fuel to precise geometric openings on each burner tube, creating a solid bed of flame with more controlled, high-velocity combustion. The result is superior comfort at all times.

Plus, CZ features an exclusive self-purging design which assures each flame is in the most fuel-efficient position on the tube assembly, eliminating flame rollout damage through the burner ports. The CZ burner system has been designed to run efficiently, even in the most extreme adverse conditions.

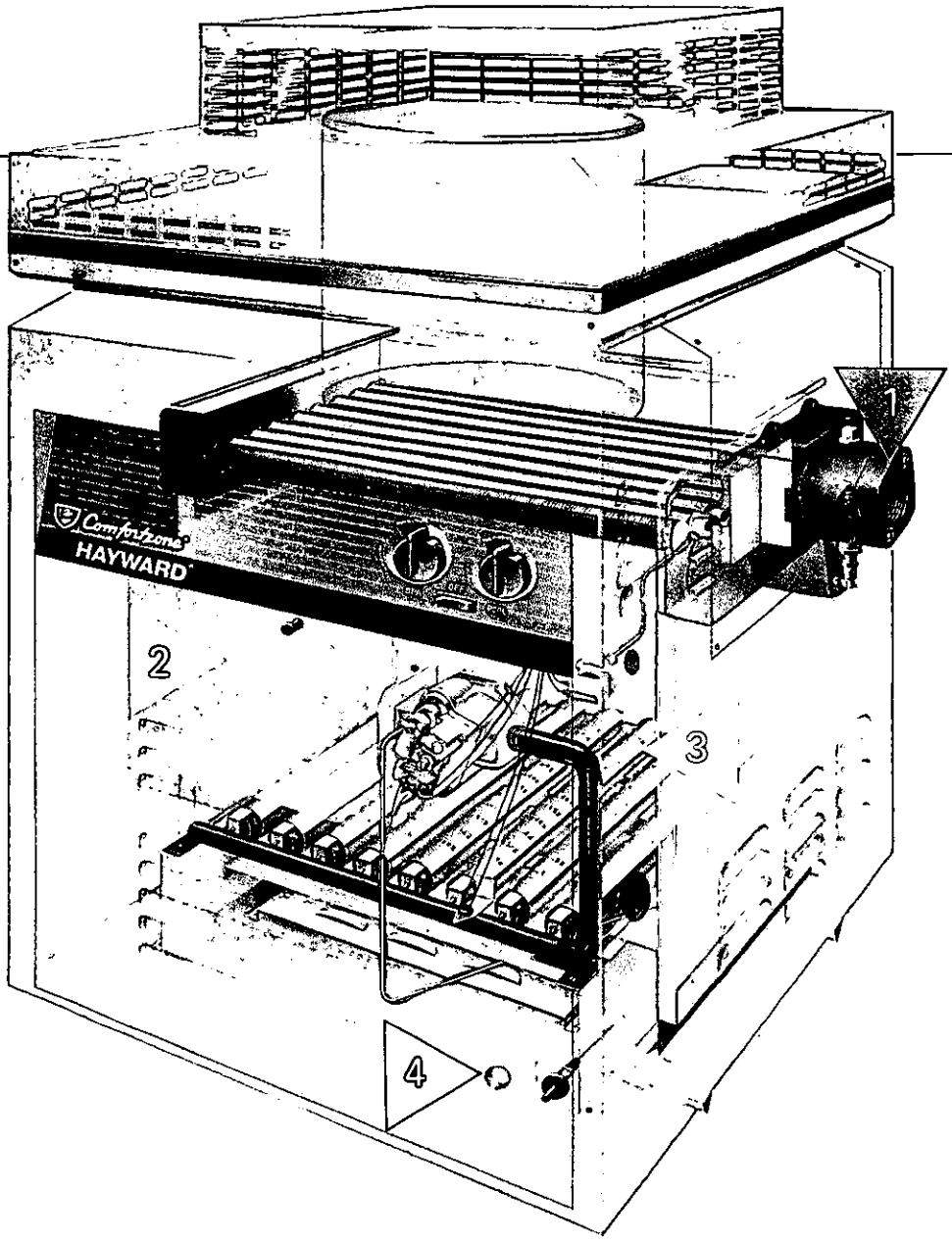
Get the most heat out of each BTU.

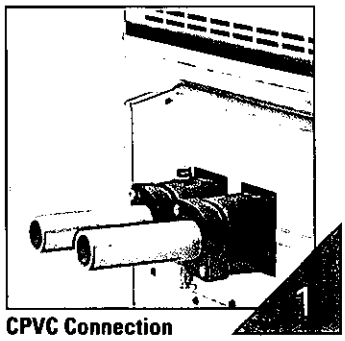
Comfortzone CZ's one-inch-thick FireTile® combustion chamber creates an interlocking shell that's measurably stronger, with improved heat-retention capabilities. Unlike older firebrick, FireTile holds the heat in and doesn't allow it to escape. As a result, water heats faster and more efficiently, and surrounding areas stay cooler.

Two important connections that save you money

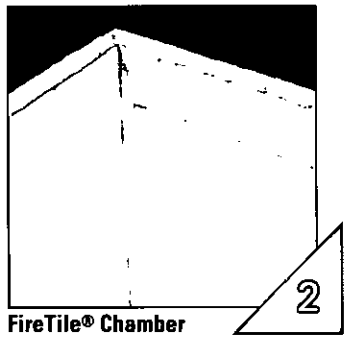
Hayward's exclusive CPVC connection capability eliminates the need for heat sinks and fireman's switches, which reduces time and cost at installation. Plus, as an added benefit, a CPVC connector kit is included free with every Comfortzone CZ heater.

Unique Comfortzone CZ safety features include a ClearView™ Pilot Port, which allows for quick and easy inspection of the

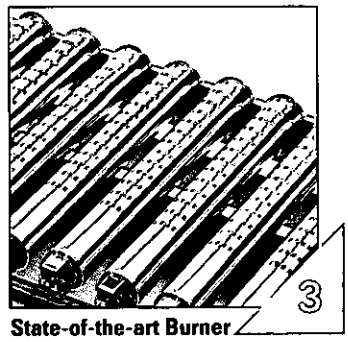




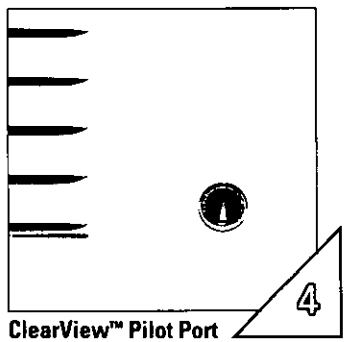
CPVC Connection



FireTile® Chamber



State-of-the-art Burner

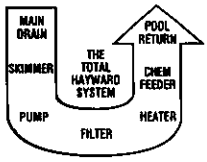


ClearView™ Pilot Port

pilot light, without having to remove the heater access door. A push-button ClickLite™ — standard on CZ millivolt models — offers easy pilot lighting, eliminating the need for matches. Plus, a resettable temperature limiter switch is provided for added safety and convenience.

Excellence backed by a heritage of leadership.

When you choose a Comfortzone CZ series heater, you not only select superb technology, you also benefit from the knowledge and commitment that the industry's leading manufacturer can provide. Only Hayward offers pool and spa owners the compatibility of The Total Hayward System... a comprehensive, coordinated family of quality-designed and crafted recirculation products.



Because your family deserves the finest.

Extend the warmth of your hospitality with the addition of a Comfortzone CZ series heater, from Hayward. And let your family's endless summer of fun and fitness begin right now.

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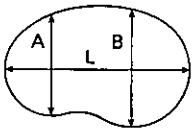
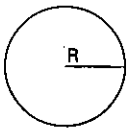
Selecting the Correct Size Comfortzone CZ

For Your Swimming Pool

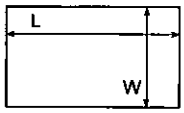
Determine your pool's surface area in square feet



Area = (A+B)x L x .45



Area = R x R x 3.14



Area = L x W

Locate in the table below, the surface area equal to or just greater than the pools surface area, read to the left and select the appropriate Comfortzone CZ model.

For indoor pool installations divide the pool's surface area by 3.

Recommended Comfortzone CZ Model

Model	Surface Area
CZ-400	1200
CZ-300	900
CZ-250	750
CZ-200	600
CZ-150	450

Table is based on a 30°F temperature rise, 3½ MPH average wind velocity and elevation of up to 2,000 feet above sea level.

For Your Spa or Hot Tub

Determine your spa capacity in gallons (Surface area x average depth x 7½.)

The reference table lists the time required in minutes to raise the temperature of the spa/hot tub by 30°F. Locate in the table below the spa/hot tub size in gallons equal to or just greater than the spa/ hot tub size in gallons. Select the desired time to raise the spa/hot tub temperature 30°, read to the left and select the appropriate Comfortzone CZ model.

This guide can be adjusted for other temperature rises. For example, if you desire a 15°F increase in temperature, simply divide the time for 30°F rise by the ratio of 30/15 = 2.

Note: Heat losses and/or heat absorbed by spa walls or other objects will add to the heat-up time.

Spa sizing is based on an insulated and covered spa. Always cover your spa or hot tub when not in use to minimize heat loss and evaporation.

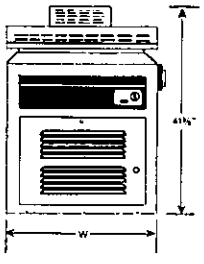
Recommended Comfortzone CZ Model

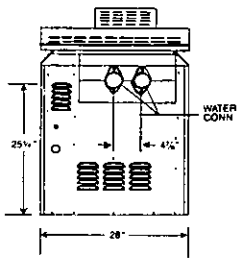
Model	Spa/Tub Size in Gallons								
	200	300	400	500	600	700	800	900	1,000
	Time in Minutes to Raise Spa/Tub Temperature 30°F								
CZ-400	9	14	19	24	28	33	38	43	47
CZ-300	13	19	26	32	38	45	51	57	64
CZ-250	15	23	31	38	46	54	61	69	77
CZ-200	19	29	38	48	57	67	77	86	96
CZ-150	26	38	51	64	77	89	102	115	128

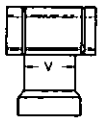
Specifications and Dimensions

Model	BTU Input	Width W	Flue Outlet Diameter (DHI and HWS) V	Stack Height DHI	Stack Height HWS	Shipping Weight (lbs.) Heater	Shipping Weight (lbs.) Vents	Gas Connection at Heater
CZ-400	400,000	31½"	12"	35"	19½"	220	23	¾"
CZ-300	300,000	27"	10"	32½"	16¼"	190	20	¾"
CZ-250	250,000	23"	10"	31"	15"	160	19	¾"
CZ-200	200,000	21"	8"	31"	13½"	150	17	¾"
CZ-150	150,000	17½"	7"	30"	13"	125	15	¾"

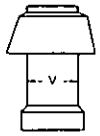
Comfortzone CZ heaters are available in a comprehensive range of BTU sizes and options, including 1½" water connections, millivolt and electronic temperature control, natural and propane gas, and cast iron headers. All units are certified by the American Gas Association and carry Hayward's exclusive warranty.







HWS



DHI

DESIGN CERTIFIED AMERICAN GAS ASSOCIATION

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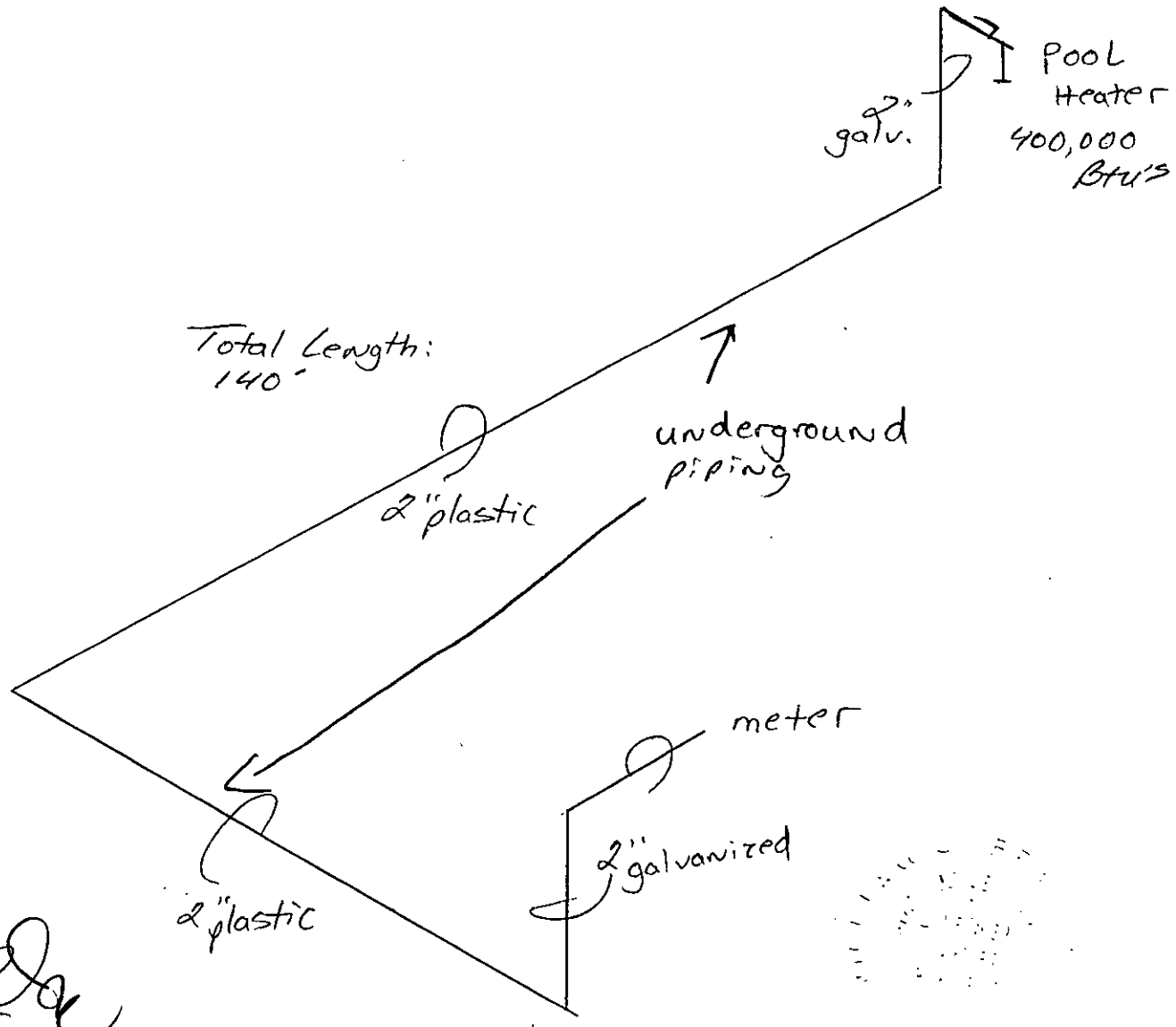
Lot - 15



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William Brannagan