

RECEIVED

FEB 26' 1991

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



CONSTRUCTION PERMIT APPLICATION

BUILDING IDENTIFICATION

1. Proposed Work-site at: 58 Brower Dr.
2. Name of Owner in Fee: ROBERTO CANARAZZO Te [REDACTED]
Address 58 Brower Drive Brick Town NJ 08723
street municipality zip code
3. Ownership in Fee: Public _____ Private _____
4. Principal Contractor: SAME Tel. (____) _____
Address _____
License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
Federal Emp. No. _____ Social Security No. _____
5. Architect or Engineer _____ Tel. (____) _____
Address _____
6. Responsible Person In Charge of Work _____ Tel. (____) _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>7.50</u>		
2. Electrical			
3. Plumbing			
4. Fire Protection			
5. Other <u>FENCE</u>	<u>7.50</u>		
6. Subtotal	\$ <u>82.50</u>		
7. Less 20% for State Plan Review	<u>5.00</u>		
8. Subtotal	\$ _____		
9. DCA Training Fee			
10. Subtotal	\$ _____		
11. Cert. of Occupancy	<u>20.00</u>		
12. Other			
13. TOTAL	\$ <u>107.50</u>		

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories _____
2. Height of Structure _____ ft.
3. Area—Largest Floor _____ sq. ft.
4. Building Area—All Floors _____ sq. ft.
5. Volume of 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. Fire Grading _____
12. Max. Live Load _____
13. Max. Occupancy Load _____

(office use only)

II. PROPOSED WORK

1. ☐ Minor Work (single trade) Pool
2. ☐ Small Job (\$5,000 and no prior approvals) fence
3. ☐ New Building
4. ☐ Addition
5. ☐ Alteration
6. ☐ Fire Protection
7. ☐ Plumbing
8. ☐ Electrical
9. ☐ Asbestos Abatement
10. ☐ Demolition

Est. Cost

8300.

800

TOTAL COSTS

9200.00

Ing Pool + 4' fence

OPTIONAL (for office use only)

Plans Rec'd By	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
			<u>2/27/91</u>	<u>RA</u>	<u>5/16/91</u>	<u>RA</u>	
			<u>3/11/91</u>	<u>ms</u>			

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:

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

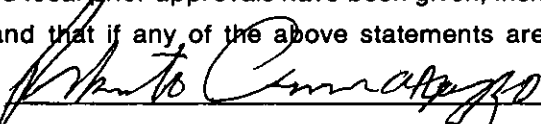
I further certify that I will perform the following work:

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 2-26-91

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 _____

Address _____

Telephone (____) _____

Signature _____ Date _____

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelim. Initial	Final Date	Prelim. Initial	Final Date	Prelim. Initial	Final Date	Prelim. Initial	Final Date	
☐ 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 Protection									
☐ Utility Dig No.									
☒ Other <i>conring</i>	<i>SK</i>	<i>2/26/91</i>	<i>page 5</i>						
☐									
☐									
☐									

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

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

X. CERTIFICATES ISSUED (office use only)	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____
☐ Temporary Certificate of Occupancy	No. _____
☐ Continued Certificate of Occupancy	No. _____
☐ Certificate of Occupancy	No. _____
☐ Certificate of Approval	No. _____



CONSTRUCTION PERMIT

Date Issued

Control #

Permit # 277-91

3/12/91

IDENTIFICATION Block

88.01

Lot

5

Work Site Location

58 Brower Dr

Contractor

Self

Address

Owner in Fee

R. Carrazzo

Address

same

Tele. ()

Lic. No. or Bldrs. Reg. No.

Exp. Date

Federal Emp. No.

277#

Tele. ()

or Social Security No.

BLOCK

0.00

is hereby granted permission to perform the following work:

☐ BUILDING ☐ PLUMBING ☐ OTHER☐ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Ing. 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 \$

9200

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)			SS #
Building	Permit	17.50	0.00
Plumbing	Permit	15.00	
Electrical	BUILDING	7.50	
Fire Protection	BUILDING	7.50	
Other	FLAN BUI	5.00	
Other	CFO	20.00	
DCA Training Fee	TOTAL	107.50	
Cert. of Occ.	BACK	107.50	
Other	CHANGE	0.00	
Total	107.50		
Check No.	03/12/91	NO. 5	0014A005
Cash			
Collected By:			

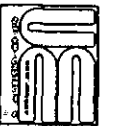
U.C.C. Form F-170A

1 WHITE - OFFICE

2 CANARY - TAX ASSESSOR

3 PINK - JACKET

4 GOLD - APPLICANT



**ELECTRICAL
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

012229

Back

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

Block 88.1
Work Site Location 58 Brewer Drive
Owner in Fee Robert C. Annarazzo
Address 58 Brewer Drive
Tele. () 437-8753
Contractor Same as Above
Address _____
Tele. () _____
Lic. No. _____ or Social Security No. _____
Federal Emp. No. _____

B. ELECTRICAL CHARACTERISTICS

☐ Reinspection ☐ Resale ☐ Meter Set
☐ Pole/Pad # _____ ☐ Temporary ☒ Other Englewood Pool
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 200.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW:	INSPECTIONS:	Dates (Month/Day)
☐ No Plans Required	Type:	Failure Failure Approval Initial
Joint Plan Review Required:	Rough	
☐ Bldg. ☐ Plumb. ☐ Fire	Temporary	
☐ Elec. Plans Approved	Constr. Serv.	
Date: _____	TCO	
Approved by: _____	Other	
	Service	
SUBCODE APPROVAL:	Final	
☐ CO ☐ CCO ☐ CA	Temp. Cut-in-Card Date Issued	
Date: _____	Final Cut-in-Card Date Issued	
Approved by: _____	Line Dept.	

C. CERTIFICATION IN LIEU OF OATH

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

[Signature]
Signature-Contractor Seal

☐ Licensed Electrical Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM
<u>4</u>		Fixtures (1)
<u>3</u>		Receptacles (2)
<u>2</u>		Switches (3)
<u>51</u>		Total 1 + 2 + 3
		Range
		Oven(s)
		Surface Unit
		Dishwasher
		Garbage Disposal
		Dryer
		A/C Unit
		Burglar Alarms
		Intercoms Panels
		Smoke Detectors
		Whirlpool/spa
<u>1</u>		Pool Bonding
<u>2</u>		Pool Filter Motor
		Pool Lights
		Water Heater(s)
		Central heat:
		oil, gas or elec.
		Baseboard Heat Units
		Thermostats
		Heat Pump
		Pump(s)
		Motor Control Center/Sub Panels
		Signs
		Light Standards
		Motors—Fractional H.P.
		Motors—All Others
		Transformers
		Generators
		Service Entrance
		Other

FEE (Office Use Only)

Paid ☐ Check # <u>1</u>	Administrative Surcharge	\$ _____
Collected by: <u>MBE</u>	Minimum Fee	\$ _____
	TOTAL FEE	\$ <u>63.</u>



Date Received
Date Issued
Control #
Permit #

3/12/91
277-91

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

Block 88.01 Lot 5

Work Site Location 58 Brewer Drive

Owner in Fee Roberto Cannata

Address 58 Brewer Drive

Bricktown, N.J.

Tele. ()

Contractor SAMC

Address

Tele. ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. or Social Security No.

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Failure	Failure	Approval	Initial
☐ No Plans Req.			Type:				
☒ All	2/27/91		Footing				
☐ Footing			Foundation				
☐ Foundation			Slab				
☐ Frame			Frame				
☐ Other			Insulation				
Joint Plan Review Required:			Finishes:				
☐ Elec. ☐ Plumb. ☐ Fire			Energy				
SUBCODE APPROVAL			Mechanical				
☐ CO ☐ CCO ☐ CA			TCO				
Date:			Other				
Approved By:			Final				

B. BUILDING CHARACTERISTICS

Use Group	Present	Proposed	Est. Cost of Bldg. Work:
Constr. Class	<u>P-3</u>		1. New Bldg. \$
No. of Stories			2. Alteration \$
Height of Structure			3. Total (1+2) \$
Area—Largest Floor			Sq. Ft.
Total Bldg. Area/All Floors			Sq. Ft.
Volume of Structure			Cu. Ft.
Total Land Area Disturbed			Sq. Ft.

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Long Pool & 4' picket fence

pool & fence

TYPE OF WORK:

☐ New Building	
☐ Addition	
☐ Alteration	
☐ Roofing	
☐ Siding	
☐ Other	
☐ Demolition	
☐ Miscellaneous	
☒ Fence	Height
☐ Sign	Sq. Ft.
☒ Pool	
☐ Elevator	
☐ Asbestos Abatement	
☐ Other	

(Office Use Only)

FEE

Paid ☐ Check #	Administrative Surcharge	\$
Collected by: TOTAL FEE	Minimum Fee	\$
		\$



Date Received
Date Issued
Control #
Permit #

3/12/91
277-91

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

Block 88.01 Lot 5
Work Site Location 58 Brower Drive
Bricktown, N.J. 08223
Owner in Fee ROBERTO CANUANA 220
Address 58 Brower Drive
Bricktown, N.J.
Tele. ()
Contractor S.M.C.
Address
Federal Emp. No. or Social Security No.

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)	Initial
☐ No Plans Req.			Type: <u>Failure</u>	Approval	
☒ All	<u>2-2-91</u>	<u>W</u>	Footing <u>COCOR</u>	<u>3-19-91</u>	<u>W</u>
☐ Foundation			Foundation		
☐ Slab			Slab		
☐ Frame			Frame		
☐ Other			Insulation		
Joint Plan Review Required:			Finishes: <u>Fence</u>	<u>5-29-91</u>	<u>W</u>
☐ Elec. ☐ Plumb. ☐ Fire			Energy		
SUBCODE APPROVAL			Mechanical		
☐ CO ☐ CA			TCO		
Date: <u>3-19-91</u>			Other		
Approved By: <u>[Signature]</u>			Final		

B. BUILDING CHARACTERISTICS

Use Group Present R.3 Proposed
Constr. Class Present Proposed
No. of Stories
Height of Structure
Area—Largest Floor
Total Bldg. Area/All Floors
Volume of Structure
Total Land Area Disturbed

Est. Cost of Bldg. Work:
1. New Bldg. \$
2. Alteration \$
3. Total (1+2) \$

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 [Signature]

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
Long Road 4' picket fence

(Office Use Only)

TYPE OF WORK:	FEE
☐ New Building	
☐ Addition	
☐ Alteration	
☐ Roofing	
☐ Siding	
☐ Other	
☐ Demolition	
☐ Miscellaneous	
☒ Fence	
☐ Sign	
☒ Pool	
☐ Elevator	
☐ Asbestos Abatement	
☐ Other	

Administrative Surcharge \$
Paid ☐ Check # ☐ Minimum Fee \$
Collected by: [Signature] TOTAL FEE \$

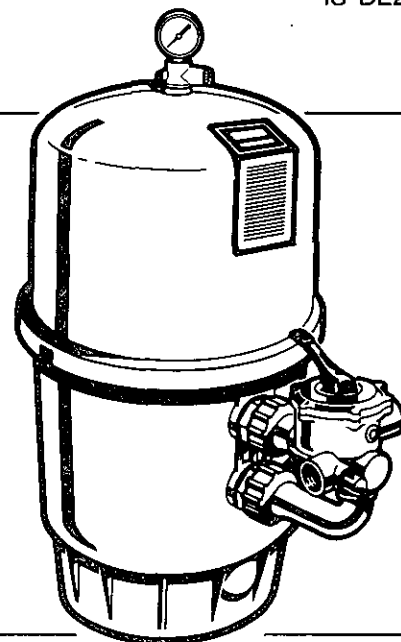
Roberto CANVARAZZO

OWNER'S GUIDE

HAYWARD®

MICRO★CLEAR

DE VERTICAL GRID FILTER SERIES



Your Hayward MICRO-CLEAR Vertical Grid DE filter combines superior water filtration with ease of operation and totally corrosion-free construction. It uses diatomite filter powder (D.E.) which is the most efficient dirt remover and filter medium known.

The D.E., usually fed through the skimmer at initial start-up, uniformly coats the curved vertical filter elements which are covered with a custom fitted monofilament polypropylene filter cloth. As pool water is pumped through the control valve into the bottom of the filter tank, the D.E. surface, or coating, filters out even the most minute particles resulting in clear, clean, sparkling water.

After a period of time the accumulated dirt in the filter causes a resistance to flow, the pressure rises, and flow diminishes. This means the dirt holding capacity of the D.E. has been reached, and it is time to clean (backwash) your filter. With the control valve in the Backwash position, the water flow is automatically reversed through the filter, flushing the trapped dirt, debris and D.E. out the waste line. Once the filter is backwashed (cleaned) of D.E. and dirt, the control valve is manually resequenced to Filter position and a fresh change of D.E. is added to resume normal filtering.

INSTALLATION

Only simple tools (screwdriver and wrenches), plus pipe sealant for piping and adapters, are required to install and/or service the Micro-Clear series filter.

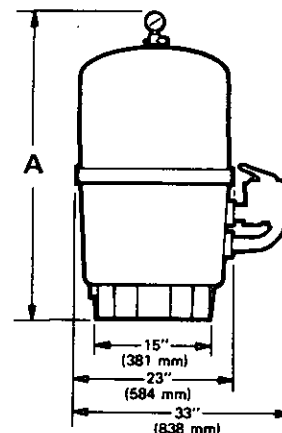
1. The filter should be placed on a *level* concrete slab, very firm ground, or equivalent, as recommended by your pool dealer. Position the filter so that the piping connections, filter control valve and drain are convenient and accessible for operation, service and winterizing.
2. Assemble Vari-Flo filter control valve (or multiposition slide valve) to filter. Align the two (2) valve pipe connections, with O-rings in place, with the two

openings in the side of the filter tank and press in firmly. Secure the assembly to the tank connections with the two bulkhead locknuts. *Do not overtighten.*

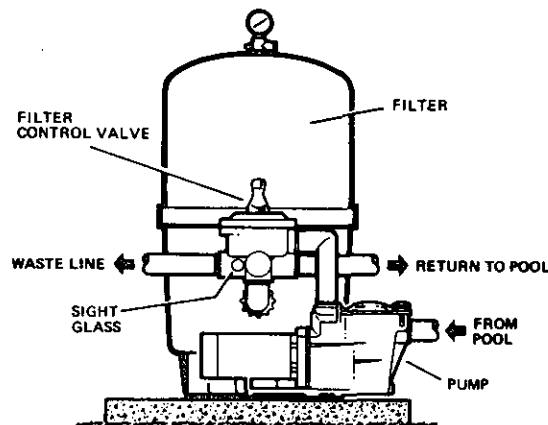
3. Assemble pump and pump mounting base, (if supplied), to the filter.

FILTER UNIT DIMENSIONS

MODEL NO.	A (Overall Height)
DE-2400	31-1/2" (800 mm)
DE-3600	36-1/2" (927 mm)
DE-4800	42-1/2" (1080 mm)
DE-6000	48-1/2" (1232 mm)



TYPICAL INSTALLATION



NOTE: If rigid piping is used, installation of a piping union is recommended for ease of future servicing.

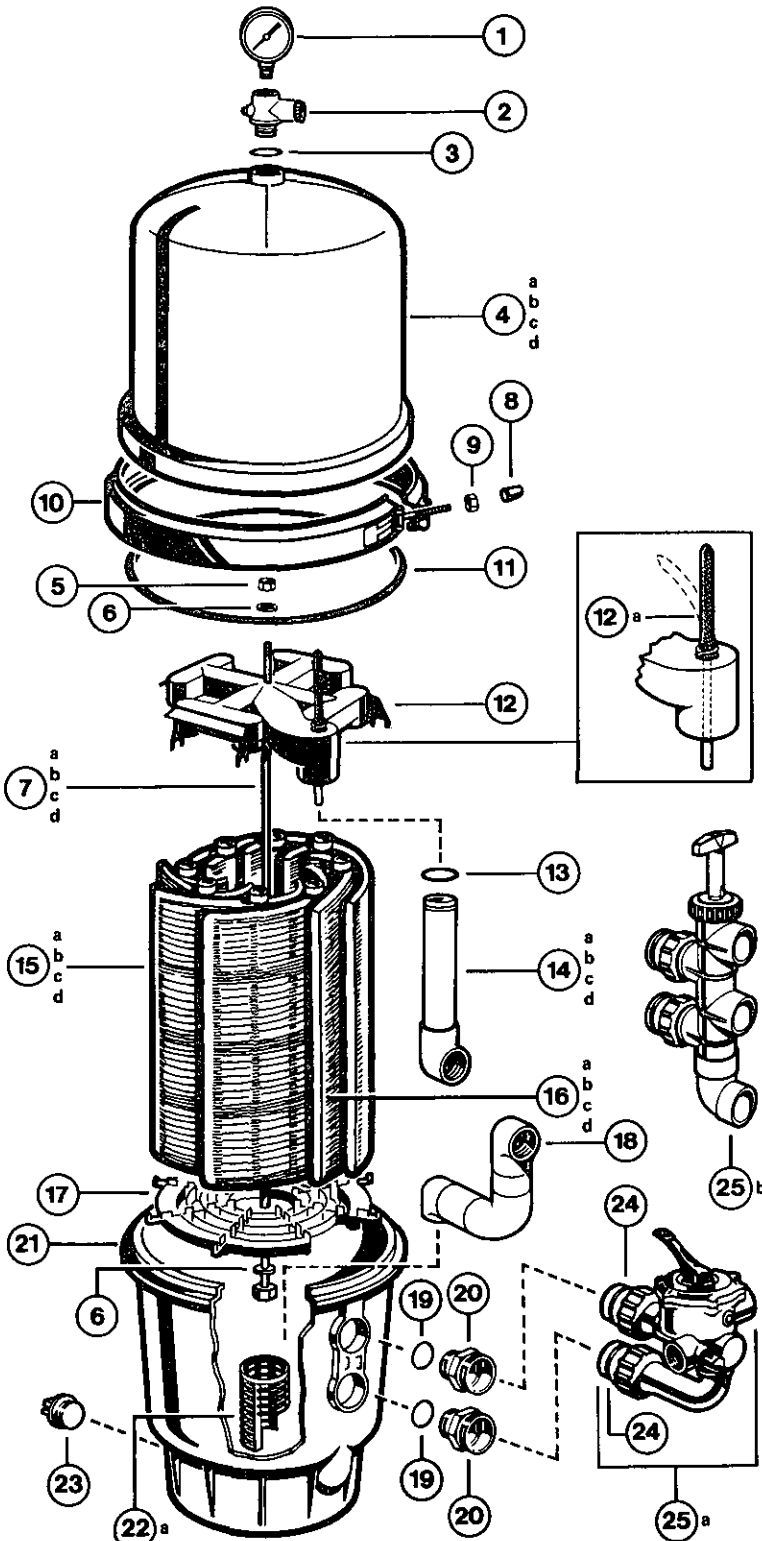
MICRO-CLEAR SERIES SPECIFICATIONS

MODEL NUMBER	FILTER AREA	MAX. DESIGN* FLOW RATE	MAXIMUM OPERATING PRESSURE	SUGG. CLEARANCE		RECOMMENDED AMOUNT OF DIATOMITE (DE)
				SIDE	ABOVE	
DE-2400	24 FT. ²	48 GPM	50 PSI	18"	15"	3 LBS.
DE-3600	36 FT. ²	72 GPM	50 PSI	18"	15"	4.5 LBS.
DE-4800	48 FT. ²	96 GPM	50 PSI	18"	15"	6 LBS.
DE-6000	60 FT. ²	120 GPM	50 PSI	18"	22"	7.5 LBS.

*Determined by pump size and piping system hydraulics.
2" piping is recommended for flow rates of 90 GPM or more.

PARTS

REF. NO.	MODEL NUMBER	DESCRIPTION	NO. REQ'D.
1	EC-2708-6-1	Pressure Gauge	1
2	DE-2400-S	Relief Valve/Gauge Adapter Ass'y	1
3	S-200-Z-5	Relief Valve Assembly O-Ring	1
4a	DE-2400-B	Filter Head	1
4b	DE-3600-B		
4c	DE-4800-B		
4d	DE-6000-B		
5	EC-1768-6-5	Retainer Nut, 5/16" - 18	2
6	EC-1109	Washer	2
7a	DE-2400-R	Retainer Rod	1
7b	DE-3600-R		
7c	DE-4800-R		
7d	DE-6000-R		
8	DE-2400-J-1	Protector Cap	2
9	DE-2400-J-2	Clamp Nut, 5/16" - 24	2
10	DE-2400-J	Clamp Assembly	1
11	DE-2400-K	Filter Tank O-Ring	1
12	DE-2400-C	Top Collector Manifold	1
12a	DE-2400-CR	Flex Air Relief Assembly	1
13	DE-2400-Z-5	Outlet Elbow O-Ring	1
14a	DE-2400-EA	Outlet Elbow	1
14b	DE-3600-EA		
14c	DE-4800-EA		
14d	DE-6000-EA		
15a	DE-2400-DA	Filter Element	7
15b	DE-3600-DA		
15c	DE-4800-DA		
15d	DE-6000-DA		
16a	DE-2400-DS	Filter Element - Short	1
16b	DE-3600-DS		
16c	DE-4800-DS		
16d	DE-6000-DS		
17	DE-2400-H	Filter Element Locator	1
18	DE-2400-GA	Inlet Diffuser	1
19	S-200-Z-3	O-Ring	2
20	DE-360-F	Bulkhead Fitting	2
21	DE-2400-A	Filter Body	1
22a	DE-2400-T	Element Spacer (DE-2400 only)	1
23	SP-1022-C	1½" Drain Plug w/O-Ring	1
24	S-200-Z-4	O-Ring	1
25a	SP-710XR-50	Vari-Flo Valve Ass'y - 1½" NPT	1
25b	SP-410X-50	Slide Valve Ass'y - 1½" NPT	1
--	DE-2400-DC	Filter Element Cluster Ass'y (Complete set of elements, collector, locator, etc.)	1
--	DE-3600-DC		
--	DE-4800-DC		
--	DE-6000-DC		



BEFORE STARTING THE FILTER

1. Obtain a supply of operating chemicals, D.E., and a pool test kit. Use only the swimming pool grades of D.E., such as:

CELATOM Eagle-Picher Industries, Inc.
AQUA-CEL Johns-Manville Products Corporation
DICALITE 4200 Grefco, Inc.

A 1 lb. coffee can makes a handy measure - leveled off it holds about 0.7 lbs. of D.E.

2. Superchlorinate the pool water by adding unstabilized granular or liquid chlorine. Stabilized forms of chlorine are recommended for normal daily use after the initial clean up of the water. Follow chemical manufacturer's recommendations for superchlorination and daily use.

STARTING THE FILTER

Be sure filter drain plug is closed. Open Air Relief Valve at top of filter. Set Filter Control Valve to FILTER position. Open suction and return valves. Prime and start the pump. Air in the piping system will automatically vent through the Air Relief Valve. Close Air Relief Valve when a steady stream of water emerges. When there is a steady flow of water returning to the pool, the filter is ready for precoat. DO NOT operate the filter for more than a minute or two without the D.E. precoat.

PRECOATING

Add the correct amount of diatomite/DE (see table) into the system through the skimmer - as fast as the plumbing will take it. Note and record the pressure gauge reading after the diatomite has been added. This is the "precoat" or "clean" pressure.

FILTERING

Filtration starts as soon as the filter has been precoat. As the filter removes dirt from the pool water, the accumulated dirt causes a resistance to flow. As a result, the gauge pressure will rise and the flow will decrease. When the pressure rises 8-10 psi above the precoat pressure it is time to backwash (clean) the filter.

NOTE: During the initial clean-up of the pool, particularly with a new pool, it may be necessary to backwash more frequently due to the unusually heavy initial dirt load in the water.

CAUTION: To prevent unnecessary strain on piping system and valving, always shut off pump before switching Filter Control Valve positions.

BACKWASHING THE FILTER

Turn off pump. Set Filter Control Valve to BACKWASH. Start pump and backwash for approximately two minutes; or until water out waste line appears clean. Turn off pump and set Control Valve to RINSE. Turn pump on, operate for 20 seconds. Turn pump off and set Filter Control Valve to FILTER. Proceed as in STARTING and PRECOATING to add fresh DE.

VARI-FLO FILTER CONTROL VALVE - Six positions.

FILTER — Set valve to FILTER for normal filtering. Also use for regular vacuuming.

BACKWASH — For pressure cleaning filter.

RINSE — Water flows through filter the same as in Filter position, except water goes to Waste. An optional position used for precoating if a large "precoat puff" is observed returning to pool during the precoating process.

WASTE — To bypass filter for draining or lowering water level and for vacuuming heavy debris directly to Waste.

RECIRCULATE — Water is recirculated through the pool system bypassing filter.

CLOSED — Shuts off flow from pump to filter.

VACUUMING — Vacuuming can be performed directly into the filter. When vacuuming heavy debris loads, set valve to WASTE position to bypass the filter and vacuum directly out to Waste.

FILTER CONTROL SLIDE VALVE - Two positions. (optional).

FILTER and BACKWASH selections are provided for all necessary operational functions.

FILTER — Set valve to FILTER for normal filtering. Also use for vacuuming (Handle in DOWN position).

BACKWASH — For pressure cleaning filter (Handle in UP position).

MANUAL CLEANING (Recommended at least once a year).

1. Turn pump off, set Control Valve to BACKWASH position and backwash filter as usual. Turn pump off. Close pool suction and return valves.
2. Open Air Relief Valve to vent entrapped air from filter tank, and remove 1½" drain plug.
3. Disassembly:
 - a. Using a 1/2" wrench, alternately loosen both clamp nuts. Remove one nut and carefully remove clamp.
 - b. To remove Filter Head, tap it on the side to break seal at center of tank - or insert a blunt screwdriver into the notch behind Control Valve and twist to lift filter head slightly. DO NOT grasp gauge assembly when removing filter head - breakage will result.
 - c. The Filter Element Cluster may now be removed by using the lift handles on each side of the Top Collector Manifold and lifting up and out, using a slight rocking motion to free the assembly from the Outlet Elbow.
4. Use a garden hose to thoroughly rinse down and flush Filter Elements and Filter. Use a warm detergent solution, and gently scrub elements. Rinse clean. If elements are coated with accumulated scale, calcium, mineral deposits, etc., it will be necessary to chemically clean/soak the elements. Use commercially available 20% muriatic acid added to water in 1 to 1

ratio; or other commercial filter element cleaner mixed according to package instructions. Use a plastic container and use extreme caution when handling cleaning agents as they can be harmful to the eyes, skin and clothing. After cleaning, thoroughly flush all affected parts with cold water.

To clean most effectively, disassemble and separate the Filter Element Cluster:

- a. Unscrew and remove the Retainer Rod nut and washer. Carefully remove Top Collector, noting the position of the elements, (i.e. "short" element) and how they fit into the bottom Element Locator.
- b. Replace the clean elements into the Top Collector Manifold sockets, using notches as a guide. Be sure "short" (about 3" shorter) curved Filter Element is directly under Top Collector Manifold outlet to allow re-installation next to the Inlet and Outlet Elbows.
- c. Place Element Locator over the elements and secure assembly with Retainer Rod, washer and nut.

Tighten nuts firmly and snugly. Do not overtighten.

5. Assembly:

- a. Lubricate Outlet Elbow O-ring with Hayward No. 327 lubricant, or mild water pump grease.
 - b. Replace Filter Element Cluster into Filter Body, carefully fitting Top Collector Manifold outlet over Outlet Elbow O-ring.
 - c. Clean and lightly lubricate Tank O-ring and carefully place over Filter Body lip.
 - d. Clean Filter Head flange sealing surface, and place over Tank O-ring, pressing down firmly and evenly to seat the Filter Head in place.
 - e. Replace Clamp Assembly. Insert threaded stud through retainer and secure with nut, tightening nuts alternately. If clamp is tight, tap clamp with rubber mallet or block of wood to help seat it. Tighten Clamp firmly to perform a good seal.
6. Install Drain Plug, open pool suction and return valves and proceed as in STARTING THE FILTER.

WINTERIZING

1. Completely drain tank by unscrewing drain plug at base of filter.
2. Depress Vari-Flo Control Valve handle and rotate so as to set valve pointer on valve top between any position. This will allow water to drain from the valve. Leave valve in this "inactive" position.
Slide Valve: Open waste line and raise valve to Backwash position.

3. Drain and winterize pump according to pump instructions.

SERVICE & REPAIRS

Consult your local authorized *Hayward* dealer or service center. No returns may be made directly to the factory without the express written authorization of Hayward Pool Products, Inc.

PLEASE REALIZE...

Pure, clear swimming pool water is a combination of two factors — adequate filtration *and* proper water chemistry balance. One without the other will not give the clean, clear water you desire.

Your filter system is designed for continuous operation. However, this is not necessary for most swimming pools. You can determine your filter operation schedule based on your pool size and usage. Be sure to operate your

filtration system long enough each day to obtain at least one complete turnover of your pool water.

To properly sanitize your pool, maintain a free chlorine level of 1 to 2 PPM and a pH range of 7.2 to 7.6. Insufficient chlorine or an out of balance pH level will permit algae and bacteria to grow in your pool and make it difficult for your filter to properly clean the pool water.

POOL CHEMISTRY GUIDELINES

SUGGESTED POOL CHEMISTRY LEVELS		ACTION REQUIRED TO CORRECT POOL CHEMISTRY	
		TO RAISE	TO LOWER
pH	7.2 to 7.6	Add Soda Ash	Add Muriatic Acid or Sodium Bisulphate
TOTAL ALKALINITY	80 to 100 ppm	Add Sodium Bicarbonate	Add Muriatic Acid
CHLORINE (UNSTABILIZED)	0.3 to 1.0 ppm	Add Chlorine Chemical	No action - chlorine will naturally dissipate
CHLORINE (STABILIZED)	1.0 to 3.0 ppm	Add Chlorine Chemical	No action - chlorine will naturally dissipate
CHLORINE STABILIZER (Cyanuric Acid)	30 to 60 ppm	Add Stabilizer	Dilution - partially drain & refill pool with water that has not been treated with Cyanuric Acid.



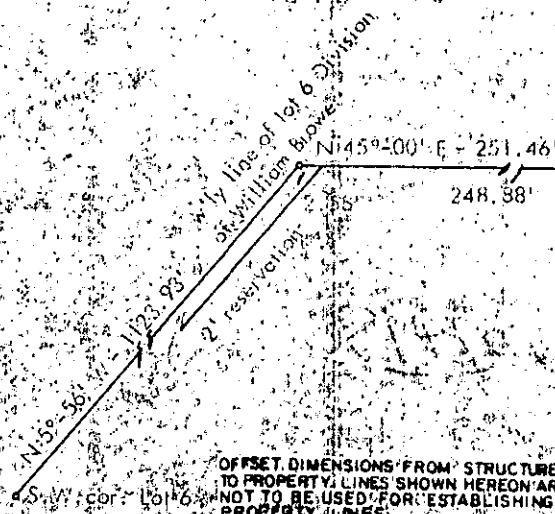
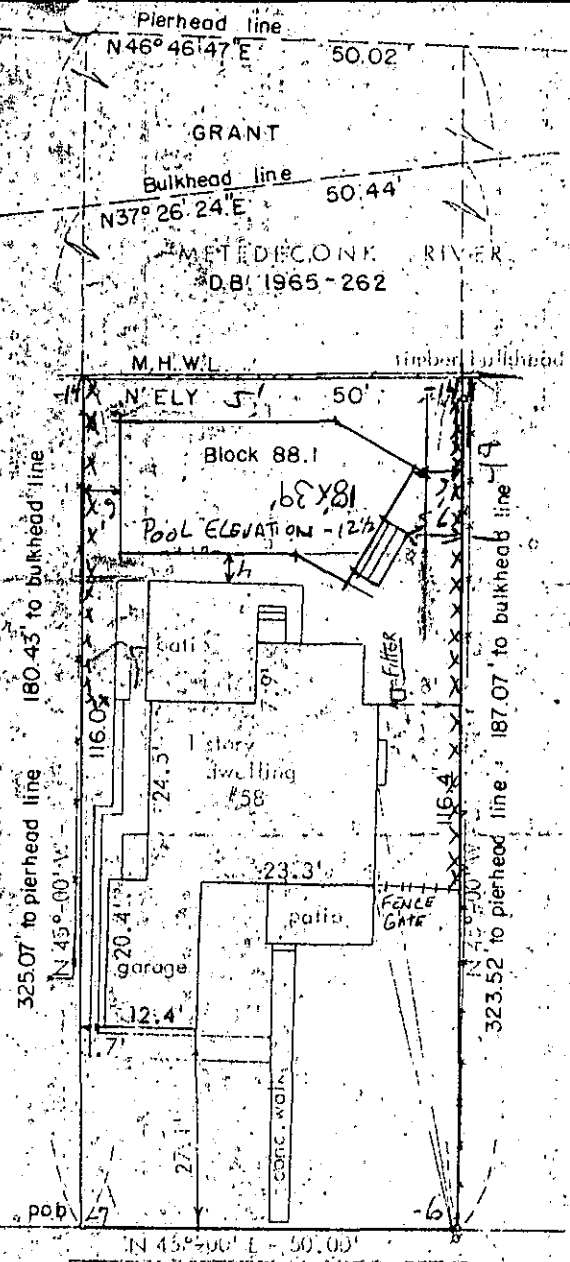
HAYWARD POOL PRODUCTS, INC.

900 FAIRMOUNT AVENUE, ELIZABETH, NEW JERSEY 07207 / Phone: (201) 351-5400

© 1986 Hayward

CEPTIFIED TO: ROBERTO CANNAROZZO, married,
DELIZIA CANNAROZZO, married, FIRST SAVINGS
BANK OF NEW JERSEY, S.A., its successors/a
and/or assigns as their interest may appear.
LAWYERS TITLE INSURANCE CORPORATION AND
ROSE & ROSE, ESQS.

BEING KNOWN AS LOT 5, "BLOCK 1" ON MAP
"SANDY POINT", BRICK TOWNSHIP, NEW JERSEY,
BY H.A.O. UHLEN, DATED SEPTEMBER, 1947 AND
FILED IN THE OCEAN COUNTY CLERK'S OFFICE
ON OCTOBER 2, 1957, AS MAP NO. D-41-5.



SURVEY OF PROPERTY

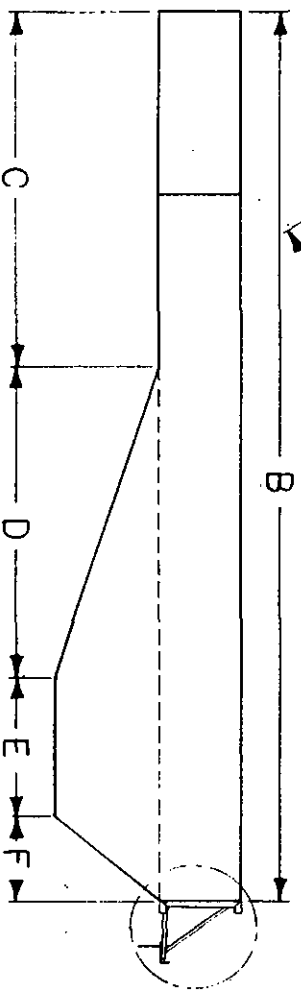
BRICK TOWNSHIP OCEAN COUNTY N.J.
SCALE 1" = 20' OCT. 23, 1989
LIC. NO. 15106

Walter J. Partington
WALTER J. PARTINGTON
LICENSED LAND SURVEYOR
SPRING LAKE HEIGHTS N.J.
POINT PLEASANT BEACH N.J. TR. SH. 148

OFFSET DIMENSIONS FROM STRUCTURES
TO PROPERTY LINES SHOWN HEREON ARE
NOT TO BE USED FOR ESTABLISHING
PROPERTY LINES.
This Certification is made only to named parties for purchase and/or sale,
lease or hereditament property by named purchaser. No responsibility
or liability is assumed by Surveyor for use of survey for any other purpose
including, but not limited to, use of survey for easement, right-of-way, or
property, or to any other person not named in certificate. Surveyor's
indemnity is limited to the amount of the fee paid for the survey.

APPROVED FOR ZONING COM.
SEAN KINNEVY, ZONING CHIEF
DATE *Sean Kinnevy 2/26/91*
pool + fence

REFER
6'6" LAZY ELK
CORNER



1. EXCAVATION SHALL BE 2' LARGER THAN POOL ON ALL SIDES.
2. BACKFILL SHOULD NOT EXCEED WATER HEIGHT BY MORE THAN 12".
WATER LEVEL SHOULD NOT EXCEED HEIGHT OF TAMPED BACKFILL BY MORE THAN 12".
3. BACKFILL TO BE SAND, GRAVEL OR OTHER NON-EXPANSIVE MATERIAL.

3" REBAR

SCALE: $\frac{3}{4}$

CARDINAL SYSTEMS, INC.

DEC - 12 - 86 5.89

6" RADIUS CORNERS SCALE 1/4"

 $\frac{1}{d}$

G 5411

3/17/89

CERTIFIED TO: ROBERTO CANNAROTTO, married
DELTZIA CANNAROTTO, married, FIRST SAVINGS
BANK OF NEW JERSEY, SIA, its successors and
and/or assigns as their interest may appear.
LAWYERS TITLE INSURANCE CORPORATION AND
ROSE & ROSE, ESQS.

BEING KNOWN AS LOT 5, BLOCK 1 ON MAP
"SANDY POINT", BRICK TOWNSHIP, NEW JERSEY,
BY H.O. UHLEN, DATED SEPTEMBER 1947 AND
FILED IN THE OCEAN COUNTY CLERK'S OFFICE
ON OCTOBER 2, 1957, AS MAP NO. D-413

N 5°-58' W - 1123.93' w/ly line of lot 6 Division
of William Brower
2' reservation
N 45°-00' E - 251.46'
248.38'
S.W. cor. Lot 6

OFFSET DIMENSIONS FROM STRUCTURES
TO PROPERTY LINES SHOWN HEREON ARE
NOT TO BE USED FOR ESTABLISHING
PROPERTY LINES.

This Certification is made only to named parties for purchase and/or mort-
gage of herein described property by named purchaser. No responsibility
or liability is assumed by surveyor for use of survey for any other purpose
including, but not limited to, use of survey for survey, adjacent, resale of
property, or to any other person not named in certification, either directly or
indirectly.

SURVEY OF PROPERTY

BRICK TOWNSHIP
SCALE 1" = 20'

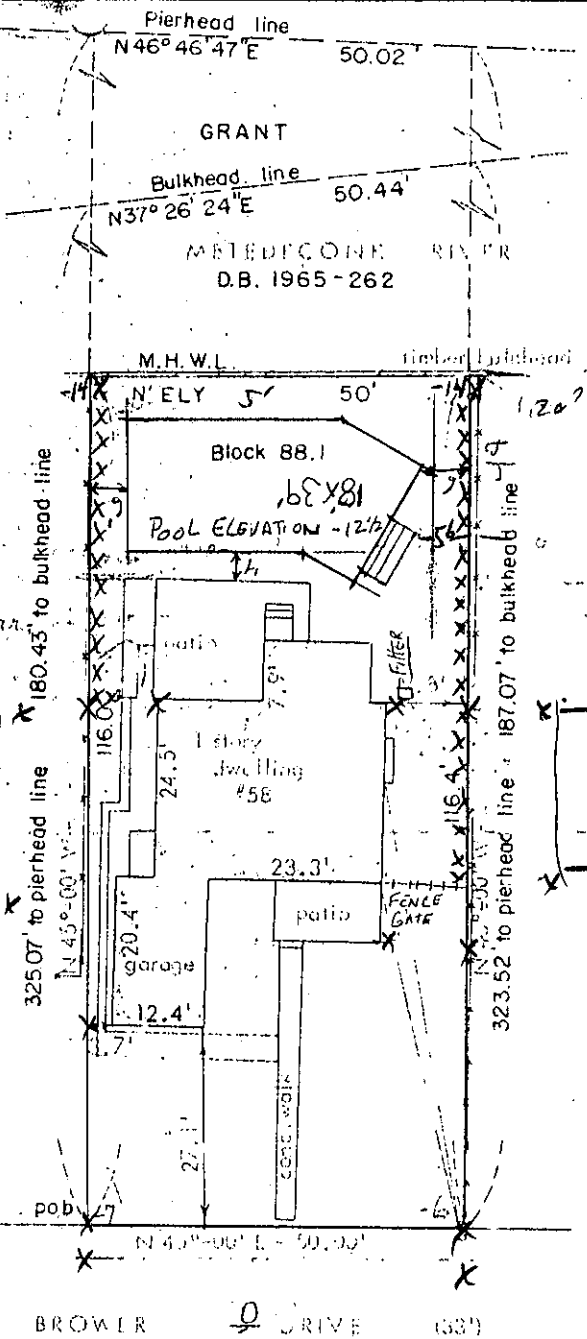
OCEAN COUNTY, N.J.
OCT. 23, 1989
LIC. NO. 15106

Walter J. Partington
WALTER J. PARTINGTON

LICENSED LAND SURVEYOR
SPRING LAKE HEIGHTS N.J.
POINT PLEASANT BEACH N.J. T4 SH. 148

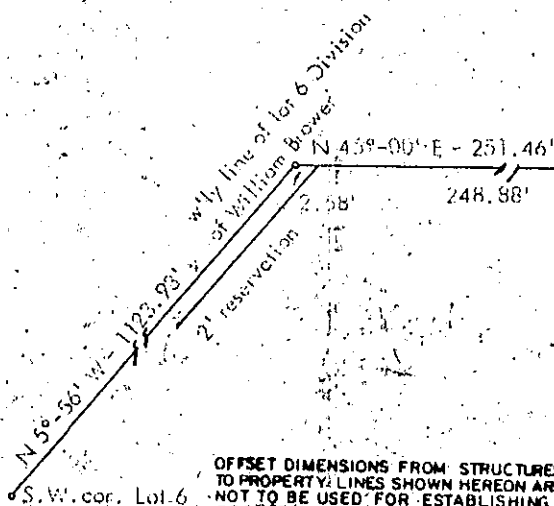
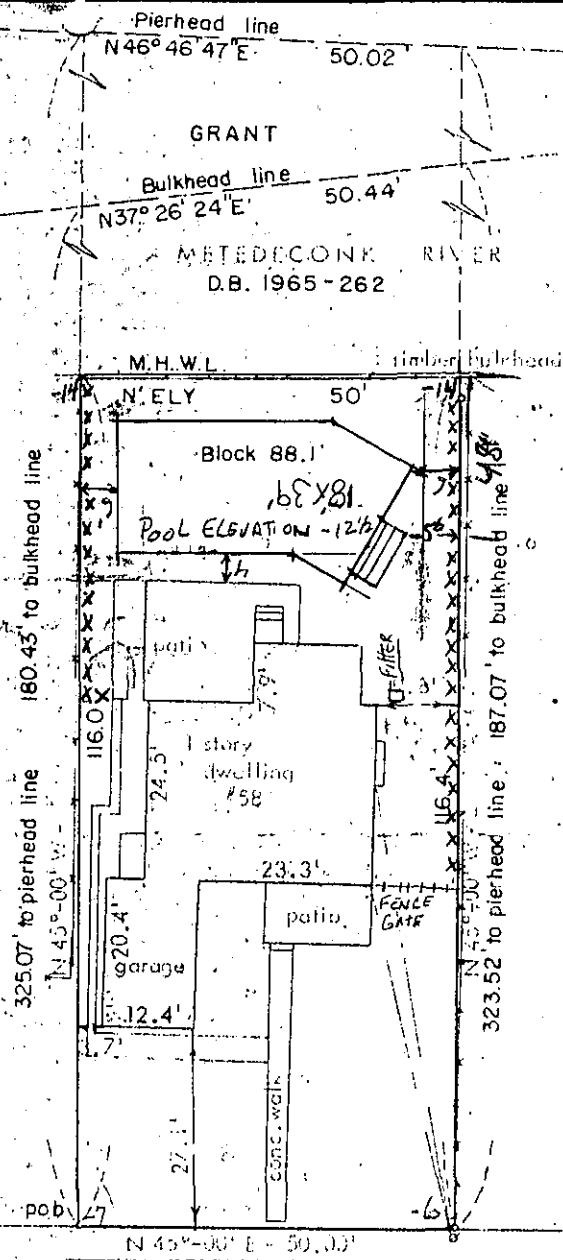
BRICK TWP. 1738

APPROVED FOR RECORD
SEAN KINNEY, TOWNSHIP CLERK
DATE *Sean Kinney 2/26/91*
pool & fence



CERTIFIED TO: ROBERTO CANNAROZZO, married
 DELIZIA CANNAROZZO, married, FIRST SAVINGS
 BANK OF NEW JERSEY, S.A., its successors
 and/or assigns as their interest may appear.
 LAWYERS TITLE INSURANCE CORPORATION AND
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OFFSET DIMENSIONS FROM STRUCTURES
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 PROPERTY LINES.

This certification is made only to named parties for purchase and/or mort-
 gage of herein described property by named purchaser. No responsibility
 or liability is assumed by Surveyor for use of survey for any other purpose
 including, but not limited to, use of survey for insurance, eminent, resale of
 property, or to any other person not listed in certificate, either directly or
 indirectly, and/or

SURVEY OF PROPERTY

BRICK TOWNSHIP
 SCALE 1" = 20'

OCEAN COUNTY N.J.
 OCT. 23, 1989
 LIC. NO. 15106

WALTER J. PARTINGTON

LICENSED LAND SURVEYOR
 SPRING LAKE HEIGHTS N.J.
 POINT PLEASANT BEACH N.J. TR. SH. 148

BRICK TWP. 1738

APPROVED FOR ZONING ONLY
 SEAN KINNEVY, ZONING OFFICER
 DATE Sean Kinnevy 2/26/91
pool + fence

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



Stevan J. Zboyan, Mayor

Township Council
Andrew R. Ciesla, President
Albert Chrobocinski
Helen Fayad
Lee Hartman
Thomas G. Maiorine
Warren H. Wolf
David W. Wolfe

Department of Engineering

Jerome J. Tansey, P.E., P.P.
Municipal Engineer
(201) 477-3000, Ext 273

Richard E. Garnett, L.S., P.P.
Municipal Surveyor/Planner
(201) 477-3000, Ext 277
Fax: (201) 920-4850

TO: Municipal Engineer

DATE: 2-26-91

✓ I Roberto Cannarazzo of 58 Brower Drive
(Name - Please print) (Address)

✓ Block: 88.01 Lot: 5

Request to be exempted from the plot plan requirement as outlined in
the Brick Land Use Book, Chapter 190.31, Part B.

✓ Phone No. 920-4199

Roberto Cannarazzo
Signed by Applicant

1. Submit survey showing location of addition with proposed dimensions, grading. If driveway is being added, show type, width and length.

NOTE: Any excavations to be removed from the Township requires a mining permit.

Approved ☒ Date: 3/14/91 By: [Signature]

Rejected ☐ Date: _____ By: _____

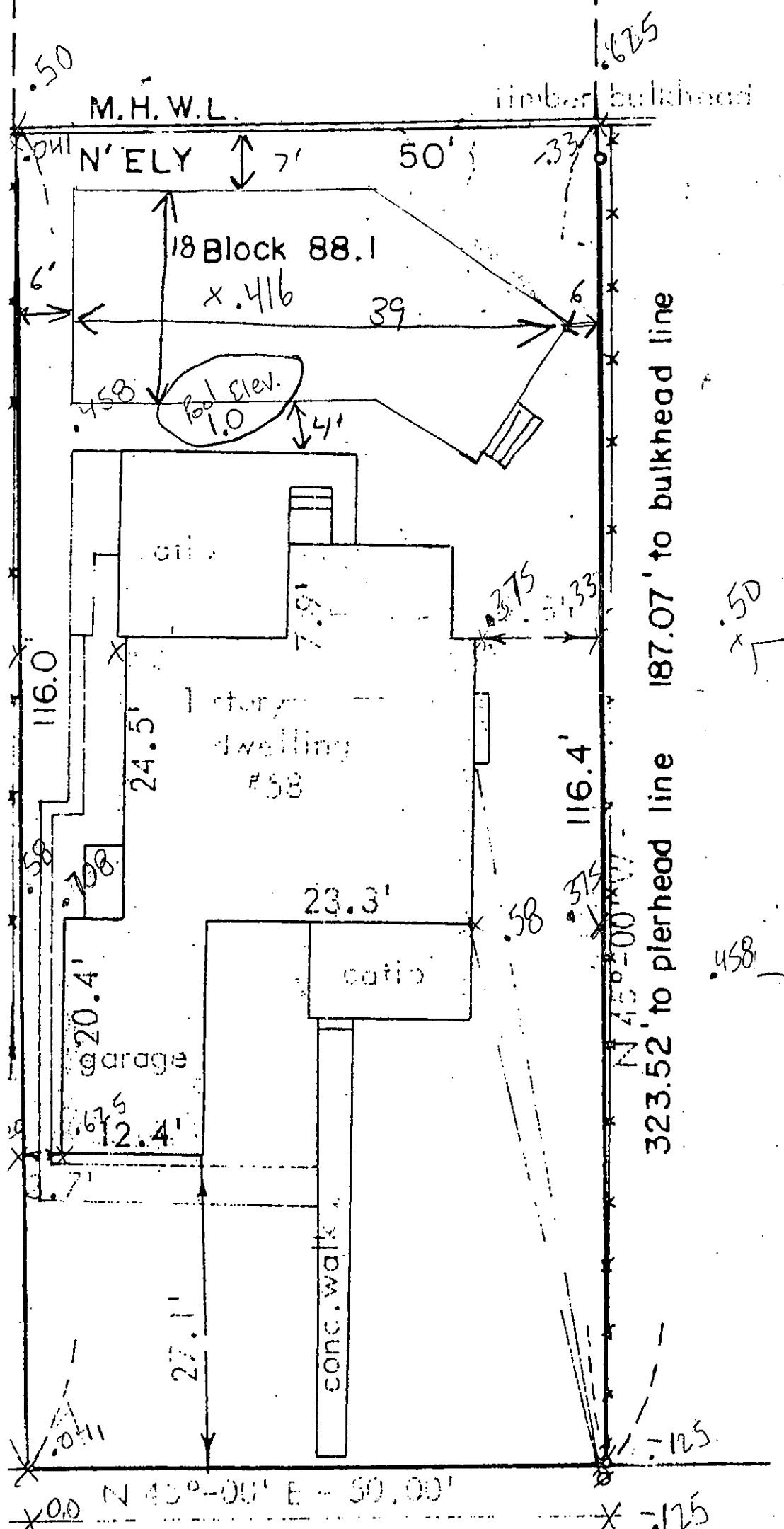
Remarks: _____

TOWNSHIP OF
BRICK NJ

03/12/91 NO. 5

0004
277**
BLOCK 0.00
88 #
LOT 0.00
5 #
BUILDING 7.50
BUILDING 75.00
PLAN RVW 5.00
C / O 20.00
TOTAL 107.50
CHECK 107.50
CHANGE 0.00

0014A005 11:59



OWNER DRIVE (33' x 0.0)

SURVEY OF PROPERTY