

Brick

Permit Without a Jacket

Permit Number A-497

Construction Permit # A-497

May 1, 1978, 19

Owner Chandler, Frank

Location 524 Pennsylvania Ave.

Hollywood Manor

Block 1396-21

Lot

71-74

Contractor Lincroft Pools

Fee \$ 42.50

Use

swimming pool

BUILDING SUB-CODE INSPECTIONS

Footing Trench 7-14 → 8 AM

Slab

Foundation

Framing

Insulation

Final 1-7-82 AM

C. O. Issued

PLUMBING SUB-CODE INSPECTIONS

Slab

Rough

Septic/Sewer

Water

Final

Electrical Final

VIOLATIONS

Use reverse side for additional remarks

key deck assembly

Cont. Key

CONSTRUCTION PERMIT APPLICATION
BRICK TOWNSHIP, NEW JERSEY

IMPORTANT — Complete ALL items. Mark boxes where applicable

1396-21

I. LOCATION OF BUILDING	Number and street	Section	Lot	Block
	524 Pennsylvania Ave.	2	71-74	217
	N S	N S		
	E W side of _____ feet E W from intersection of _____ (Other local geographic, political, or legal subdivision identification)			

II. TYPE AND COST OF BUILDING — All applicants complete Parts A-D

A. TYPE OF IMPROVEMENT

- 1 ☐ New buildings
2 ☐ Addition (If residential, enter number of new housing units added, if any, in Part D, 13)
3 ☐ Alteration (See 2 above)
4 ☐ Repair, replacement
5 ☐ Demolition
6 ☐ Moving (relocation)
7 ☐ Garage
☐ Swim Pool ☐ in ☐ out
☐ Fence

D. PROPOSED USE — For "Wrecking" most recent use

Residential

- 12 ☐ One family
13 ☐ Two or more family — Enter number of units
14 ☐ Transient hotel, motel, or dormitory — Enter number of units
15 ☐ Garage
16 ☐ Carport
17 ☐ Other — Specify _____

Nonresidential

- 18 ☐ Amusement, recreational
19 ☐ Church, other religious
20 ☐ Industrial
21 ☐ Parking garage
22 ☐ Service station, repair garage
23 ☐ Hospital, institutional
24 ☐ Office, bank, professional
25 ☐ Public utility
26 ☐ School, library, other educational
27 ☐ Stores, mercantile
28 ☐ Tanks, towers
29 ☐ Other - Specify _____

B. OWNERSHIP

- 8 ☐ Private (Individual, corporation, nonprofit institution, etc.)
9 ☐ Public (Federal, State, or local government)

C. COST

10. Cost of Improvement
To be installed, but not included in the above cost
a. Electrical (# Fixtures, Outlets)
b. Plumbing (# of Fixtures)
c. Heating, air conditioning
d. Other (elevator, etc.)

(Omit cents)

~~5,159~~
2,299

Nonresidential — Describe in detail proposed use of buildings, e.g., food processing plant, machine shop, laundry building at hospital, elementary school, secondary school, college, parochial school, parking garage for department store, rental office building, office building at industrial plant. If use of existing building is being changed, enter proposed use.

11. TOTAL COST OF IMPROVEMENT

\$

III. SELECTED CHARACTERISTICS OF BUILDING —

For new buildings and additions, complete Parts E-I; for wrecking, complete only Part H, for all others skip to IV.

E. PRINCIPAL TYPE OF FRAME

- ☐ Masonry (wall bearing)
☐ Wood frame
☐ Structural steel
☐ Reinforced concrete
☐ Other - Specify _____

H. DIMENSIONS

Number of stories _____
Total square feet of floor area, all floors, based on exterior dimensions _____
Total land area, sq. ft. _____

FEE COMPUTATIONS

VOLUME OF BUILDING

BUILDING SUB CODE

ELECTRICAL CODE

PLUMBING CODE

PLAN REVIEW

CERTIFICATE OF OCCUPANCY

STATE TRAINING FUND

CONSTRUCTION

PERMIT FEE

35100

7.50

42.50

F. TYPE OF HEATING SYSTEM

Specify _____

Air Cond.

Yes ☐ No ☐

1. RESIDENTIAL BUILDING ONLY

Number of bedrooms _____

Number of bathrooms _____

Full _____

Partial _____

G. TYPE OF SEWERAGE DISPOSAL

- ☐ Public
☐ Individual

SEE REVERSE

A-497

ck

SUB CONTRACTORS				
NAME	TRADE	ADDRESS	ZIP CODE	PHONE #
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				

PERSON TO BE IN CHARGE OF CONSTRUCTION

NAME

Lincroft Pools Inc.

ADDRESS

650 - E Newman Springs Rd. Lincroft, N. J. 07738

IV. IDENTIFICATION — To be completed by all applicants

	Name	Mailing address — Number, street, city, and State	ZIP code	Tel. No.
1. Owner Agent	<i>FRANK CHANDLER</i>	<i>524 Pennsylvania Ave. Brick, N. J.</i>	<i>08723</i>	<i>458</i>
	<i>ALICE CHANDLER</i>	<i>Brick, N. J.</i>	<i>08723</i>	<i>9459</i>
2. Contractor	<i>Lincroft Pools</i>	<i>650 E - Newman Springs Rd. Lincroft, N. J.</i>	<i>07738</i>	<i>842</i>
				<i>8685</i>
3. Architects				

The owner of this building and the undersigned agree to conform to all applicable laws of Township of Brick and that all required state, county and local prior approvals have been given.

Signature of applicant

Address

Application date

Frank H. Chandler *524 Penna Ave. Brick* *4/24/78*

DO NOT WRITE IN THIS SPACE — FOR OFFICE USE ONLY

Approved by

R. McKelvey

Date permit issued

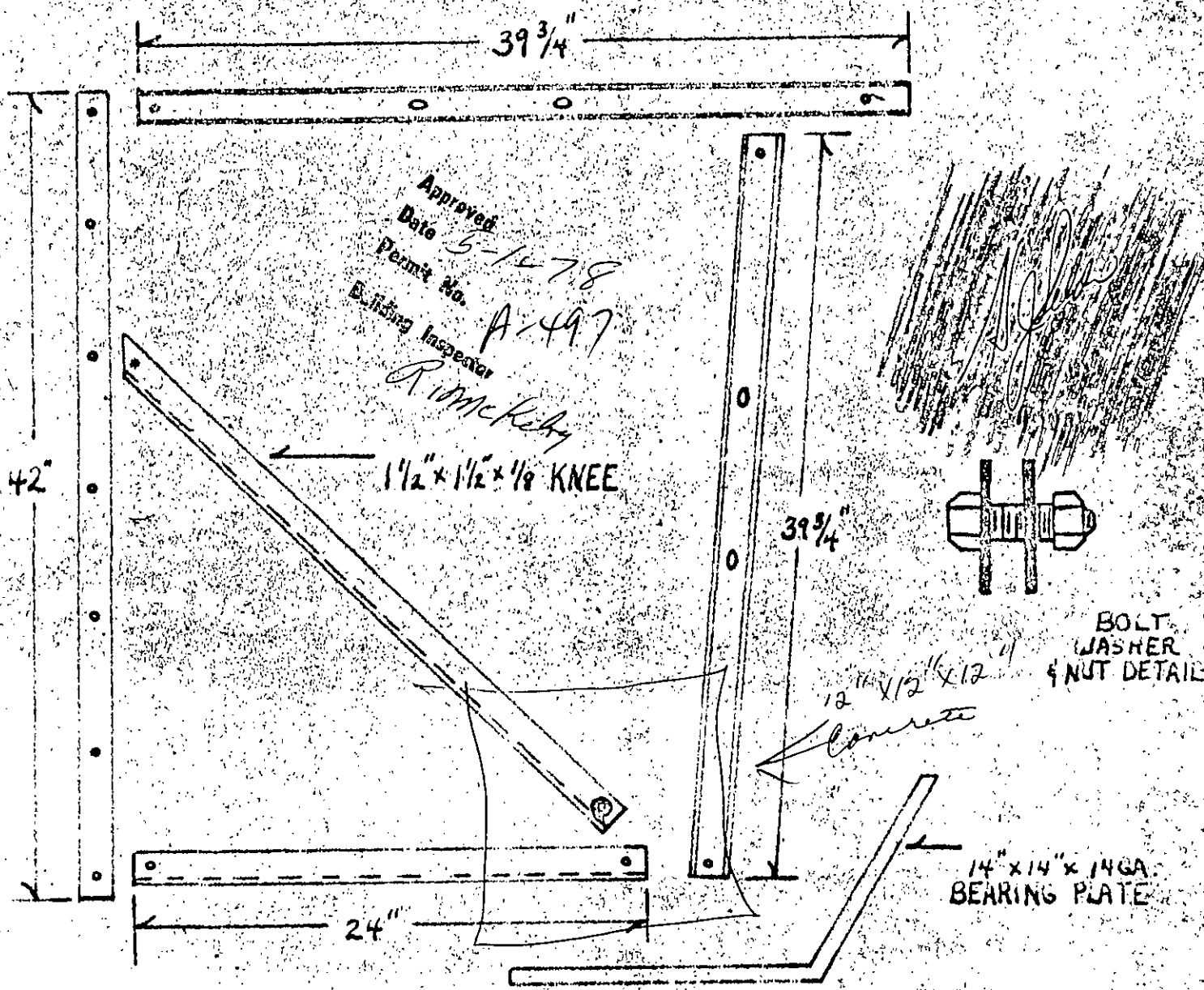
5/1/78

Permit Number

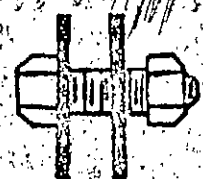
A-497

I agree to construct said building in conformity with the plans and specifications filed with the Construction Official and in compliance with the provisions of the Building Code whether shown on plans or not.

A FRAME & DECK ASSIST ASSEMBLY



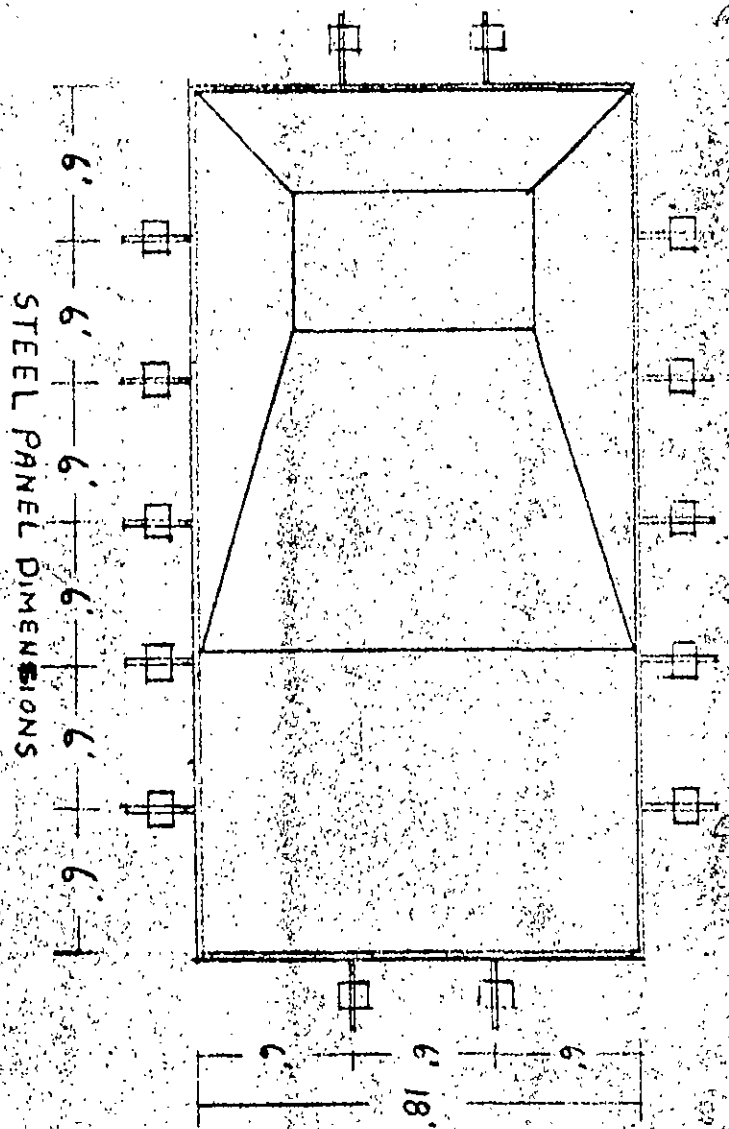
Approved
 Date 5-1-78
 Permit No. A-497
 Building Inspector
R. McKelvey



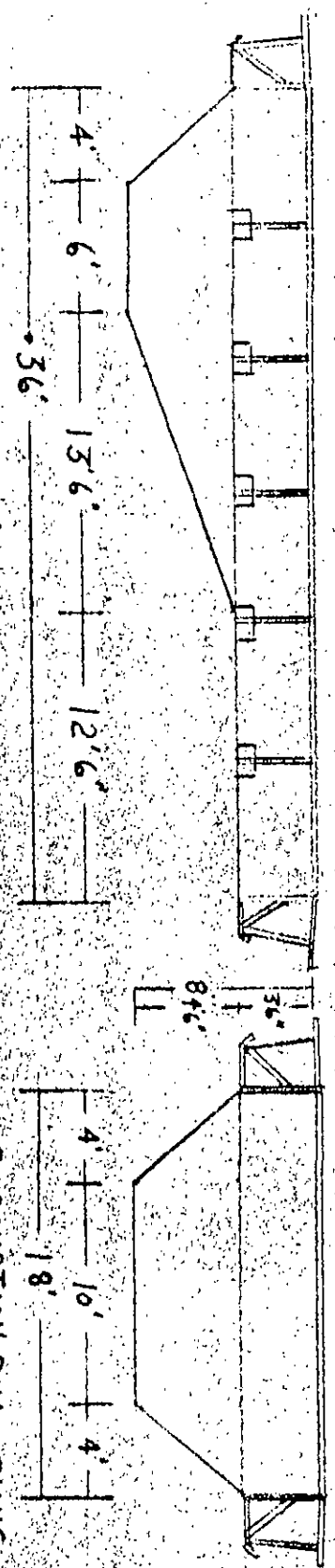
BOLT
 WASHER
 & NUT DETAIL

1/4" x 1/4" x 1/4" GA.
 BEARING PLATE

SCALE:
 1/2" = 1'-0"



STEEL PANEL DIMENSIONS



EXCAVATION DIMENSIONS

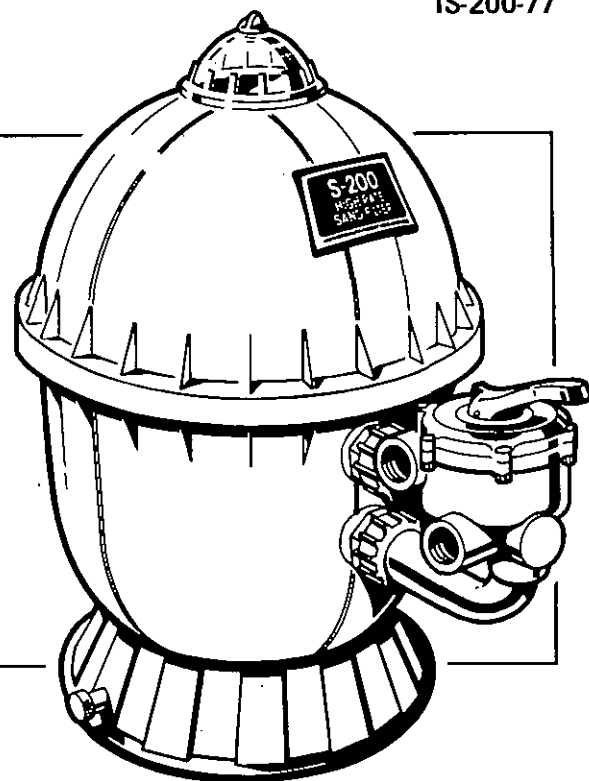
EXCAVATION DIMENSIONS

18' X 36' ENTERTAINER

Approved by
for [illegible]
[Signature]

OWNER'S GUIDE

HAYWARD® S-200 HIGH RATE SAND FILTER



Your Hayward S-200 high rate sand filter is a high performance totally corrosion-proof filter that blends superior flow characteristics and features with ease of operation. It represents the very latest in high rate sand filter technology. It is virtually foolproof in design and operation and when installed, operated and maintained according to instructions, your filter will produce clear, sparkling water with only the least attention and care.

HOW IT WORKS

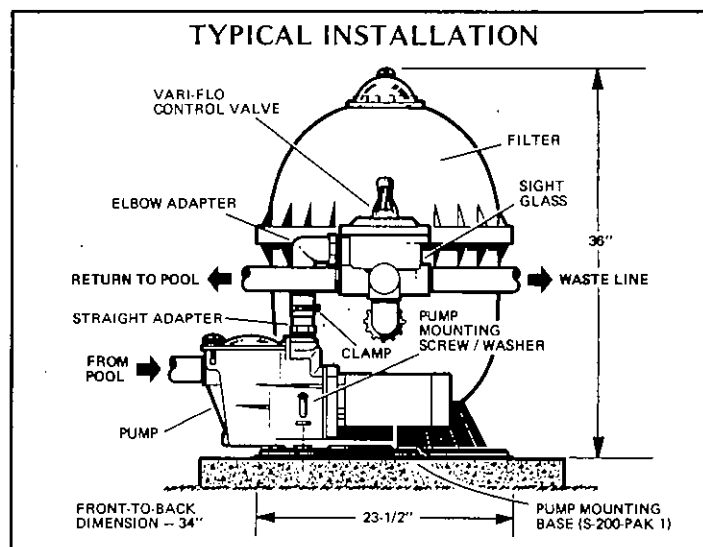
The S-200 uses special filter sand to remove dirt particles from pool water. 200 lbs. of filter sand is loaded into the filter tank and functions as the permanent dirt removing media. The pool water, which contains suspended dirt particles, is pumped through your piping system and is automatically directed by the patented filter control valve to the top of the filter tank. As the pool water is pumped through the filter sand, dirt particles are trapped by the sand bed, and filtered out. The cleaned pool water is returned from the bottom of the filter tank, through the control valve and back to the pool through the piping system. This entire sequence is continuous and automatic and provides for total recirculation of pool water through your filter and piping system.

After a period of time the accumulated dirt in the filter causes a resistance to flow, and the flow diminishes. This means 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 so that it is directed to the bottom of the tank, up through the sand, flushing the previously trapped dirt and debris out the waste line. Once the filter is backwashed (cleaned) of dirt, the control valve is manually resequenced to Rinse, and then Filter, to resume normal filtering.

INSTALLATION

Only simple tools (screwdriver and wrenches), plus pipe sealant for plastic adapters, are required to install and/or service the S-200 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, control valve and winter drain are convenient and accessible for operation, service and winterizing.
2. Assemble Vari-Flo filter control 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.*



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

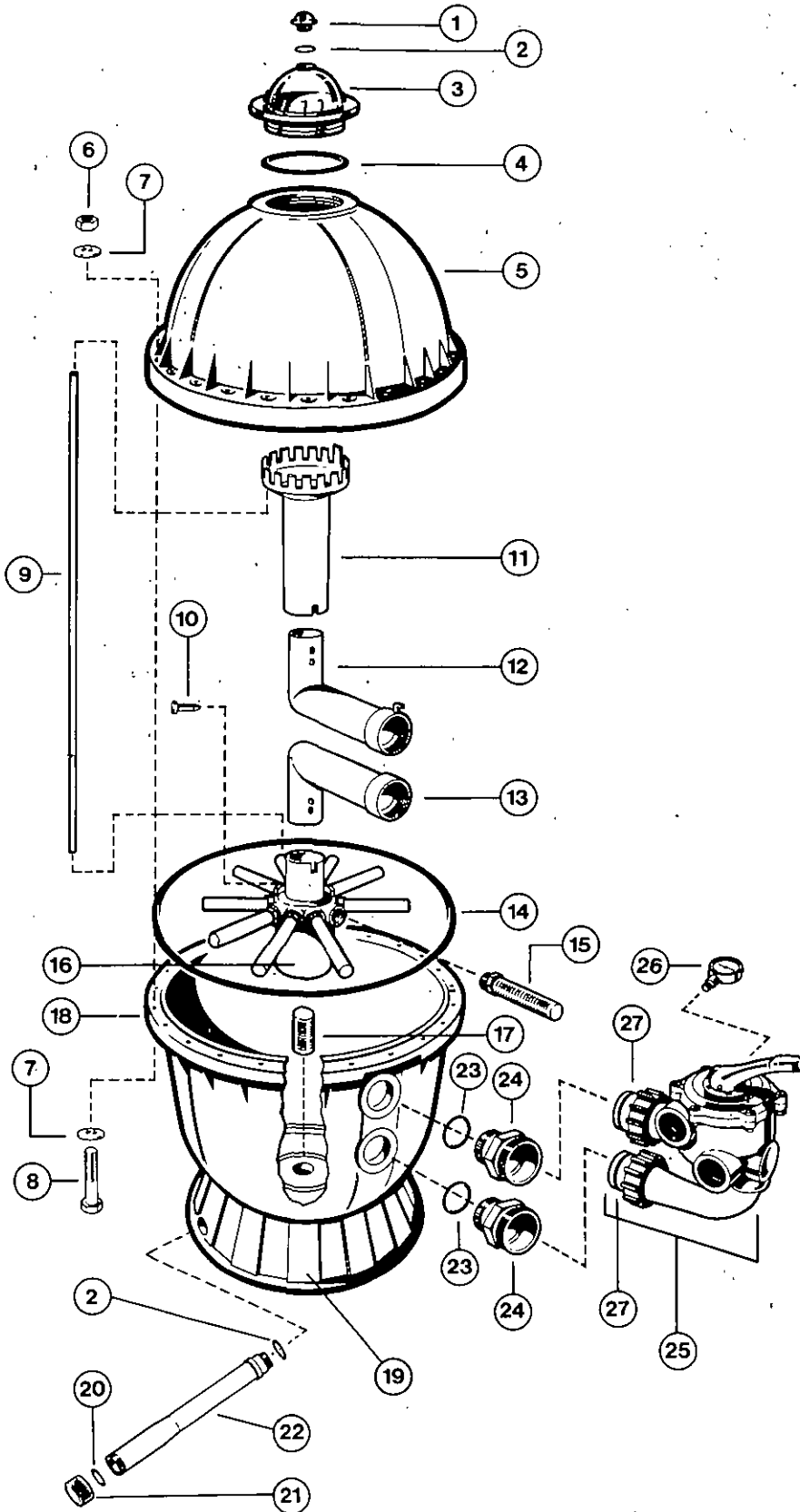
SPECIFICATIONS

MODEL NO.	FILTER AREA (FT. ²)	DESIGN FLOW RATE	MAXIMUM WORKING PRESSURE	SUGG. CLEARANCE		MEDIA REQUIRED	
				SIDE	ABOVE	TYPE	AMOUNT
S-200	2.2	44 GPM	50 PSI	18"	24"	.45mm - .55mm FILTER SAND*	200 lbs.

**Also known as No. 20 or No. 1/2 Silica Sand.*

PARTS

Model S-200



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	S-200-G	Manual Air Relief Cap	1
2	S-200-Z-5	O-Ring	2
3	S-200-K	Clear Dome	1
4	S-200-Z-6	O-Ring	1
5	S-200-B	Filter Tank Head (Top)	1
6	EC-1768-5-5	1/4" - 20 Hex. Nut	24
7	EC-1252	1/4" x 11/16" O.D. Flat Washer	48
8	EC-1642-21-5	1/4" - 20 x 1-3/4" Hex. Head Bolt	24
9	S-200-Z-1	Plastic Air Tube	1
10	S-200-Z-2	Air Tube Lock Screw	1
11	S-200-L	Top Diffuser	1
12	S-200-C	Internal Diffuser Elbow Pipe (Top)	1
13	S-200-C-1	Internal Elbow Pipe (Bottom)	1
14	S-200-Z-7	O-Ring	1
15	S-200-O	Lateral	10
16	S-200-MA	Lateral Holder Assembly	1
17	S-200-H	Bottom Screen	1
18	S-200-AA	Filter Tank (Bottom) - Less Skirt	1
19	S-200-J	Filter Support Stand (Skirt)	1
20	S-200-Z-9	Gasket	1
21	S-200-Z-8	Drain Cap	1
22	S-200-E	Drain Pipe	1
23	S-200-Z-3	O-Ring	2
24	S-200-D	Bulkhead Fitting	2
25	SP-710-32	Vari-Flo (Control) Valve Assembly with Gauge	1
26	EC-2708	Pressure Gauge	1
27	S-200-Z-4	O-Ring	2
----	S-200-Z-10	Caplug, No. 21A (not illustrated)	1

WINTERIZING

1. Completely drain tank by unscrewing drain cap at base of filter. **IMPORTANT:** If drain pipe starts to turn when unscrewing cap, place wrench on flats on pipe to hold and prevent drain pipe from unscrewing from the filter tank.
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.

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 Manufacturing Company, 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 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.

PROBLEM SOLVING LIST

	LOW WATER FLOW	FILTER SHORT CYCLES	POOL WATER WON'T CLEAR UP
REMEDY	1. Check skimmer and pump strainer baskets for debris. 2. Check for restrictions in intake and discharge lines. 3. Check for air leak in intake line (indicated by bubbles returning to pool). 4. Backwash filter.	1. Check for algae in pool and superchlorinate as required. 2. Be sure chlorine and pH levels are in proper range (adjust as required). 3. Check surface of filter sand for crusting or caking (remove 1" of sand if necessary).	1. Check chlorine, pH and total alkalinity levels and adjust as required. 2. Be sure flow rate through filter is sufficient. 3. Operate filter for longer periods. 4. Be sure Vari-Flo valve is set on "Filter" position.

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 MANUFACTURING COMPANY, INC.

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

3. Assemble pump and pump mounting base, No. S-200-PAK 1 or S-200-PAK 2, (if supplied,) to the filter according to instructions packed with the base.
4. Loading sand media. Filter sand media is loaded through the top opening of the filter.
 - a. Remove the top diffuser from the internal diffuser elbow pipe and place flexible automatic air relief tube to the side, out of the way, inside the tank.
 - b. Cap the internal diffuser elbow pipe with plastic cap provided to prevent sand from entering it.
 - c. It is good practice to fill tank approximately 1/2 way with water to provide a cushioning effect when the filter sand is poured in. This helps protect the underdrain laterals from excessive shock. (Be sure the winter drain cap is securely in place on drain pipe. Apply wrench to flats on pipe when tightening cap.)
 - d. Carefully pour in correct amount (200 lbs.) and grade of filter sand, as specified. Sand surface should be leveled and should come about to the center of the flange of the filter tank (top of bottom half). Use no more than the recommended amount of sand.
 - e. Remove plastic cap from internal diffuser elbow pipe.
 - f. Replace diffuser on internal diffuser elbow pipe, positioning automatic air relief tube through the hole provided in the diffuser. Align tab on diffuser with slot in pipe and gently press down.
 - g. Carefully clean off top seal O-ring and screw clear dome, with manual air relief, securely into the filter head.
5. Connect pump to control valve opening marked PUMP according to instructions. Make return to pool pipe connection to control valve opening marked RETURN and complete other necessary plumbing connections, suction lines to pump, waste, etc.
6. Make electrical connections to pump per pump instructions.
7. To prevent water leakage, be sure winter drain cap is securely in place and all pipe connections are tight.

INITIAL START UP OF FILTER

1. Be sure correct amount of filter sand media is in tank and that all connections have been made, and are secure.
2. Depress Vari-Flo control valve handle and rotate to BACKWASH position. (To prevent damage to control valve seal, always depress handle before turning.)
3. Prime and start pump according to pump instructions (be sure all suction and return lines are open), allowing the filter tank to fill with water. Once water flow is steady out the waste line, run the pump for at least 2 minutes. This initial backwashing of the filter is recommended to remove any impurities or fine sand particles in the sand media.

4. Turn pump off and set valve to RINSE position. Start pump and operate until water in sight glass is clear — about 1/2 to 1 minute. Turn pump off and set valve to FILTER position and restart pump. Your filter is now operating in the normal filter mode, filtering particles from the pool water.
5. Adjust pool suction and return valves to achieve desired flow. Check system and filter for water leaks and tighten connections, bolts, nuts, as required.
6. Note the initial pressure gauge reading when the filter is clean. (It will vary from pool to pool depending upon the pump and general piping system). As the filter removes dirt and impurities from the pool water, the accumulation in the filter will cause the pressure to rise and flow to diminish. When the pressure gauge reading is 6-8 lbs. higher than the initial "clean" pressure you noted, it is time to backwash (clean) the filter (see BACKWASH under Filter and Control Valve Functions).

NOTE: During initial clean-up of the pool water it may be necessary to backwash 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.

To prevent damage to the pump and filter and for proper operation of the system, clean pump strainer and skimmer baskets regularly.

FILTER AND CONTROL VALVE FUNCTIONS

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

BACKWASH — For cleaning filter. When filter pressure gauge rises 6-8 lbs. above start-up (clean pressure): Stop the pump, set valve to BACKWASH. Start pump and backwash until water in sight glass is clear. Approximately 2 minutes or less depending on dirt accumulation. Proceed to RINSE.

RINSE — After backwashing, with pump off, set valve to RINSE. Start pump and operate for about 1/2 to 1 minute. This assures that all dirty water from backwashing is rinsed out of the filter to waste, preventing possible return to the pool. Stop pump, set valve to FILTER, and start pump for normal filtering.

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.

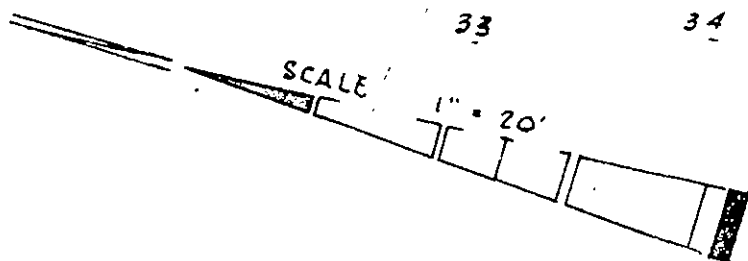
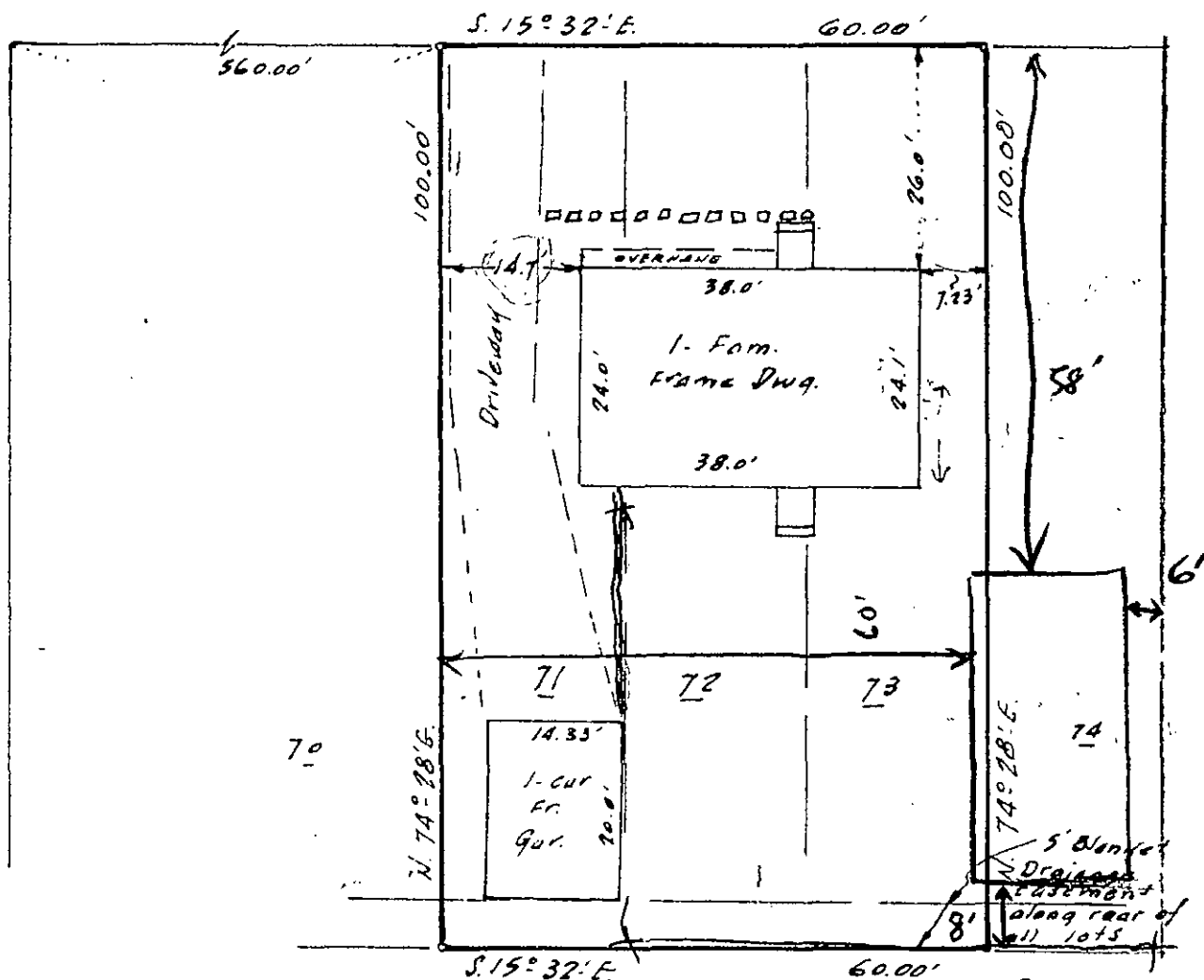
CLOSED — Shuts off flow from pump to filter.

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.

PENNSYLVANIA

AVENUE

WASHINGTON BLVD.



4/28/74
L.D.
- LIVING OFFICIAL

Deed to 74 = Book H 3582
Page 721

REF. MAP: HOLLYWOOD MANOR 719
FILE DATE: OCT. 19, 1925
FILE NO.: B-6

MAP OF PROPERTY

BLOCK 21 LOTS 72
BRICK TOWNSHIP
OCEAN CO., N. J.

DATE: AUG. 16, 1965

SURVEYED FOR:

Frank H. Chandler &
Alice M. Chandler, h/w.

CERTIFIED TO:

FRANK H. CHANDLER
ALICE M. CHANDLER
CENTRAL MORTGAGE CO.
LAWYERS CLINTON TITLE INS. CO.

and all parties interested in title to these premises: This is to certify that this survey is accurate, and that this drawing is a true representation of actual conditions existing on the property.

LICENSED LAND SURVEYOR

CIVIL ENGINEERING ASSOCIATES

E. AMRON, P.E.
R.D. DEYBAUX, L.S.

57 W. FRONT ST.,
KEYPORT, N. J.
201-264-1243

DRAWN BY L. L. L.	PLOT PLAN
CHKD BY E. D.	FOUND.
FIELD BY E. A.	LOC.
COMP. BY	FINAL
REVISION	MAR-49-65