

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMIT ISSUED

Please Read Application And Notes, If Any, Attached

Permit Number: 030280
APR 02 2003

This is to certify that Silberman Adam A & /Nick ...ols

has permission to 15' x 30' above ground swimming pool

CITY OF PORTLAND

AT 29 Wendell St

307 I009001

provided that the person or persons who accept this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Inspection must be made before this building or part thereof is occupied or otherwise closed-in. FOUR NOT REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. _____
Health Dept. _____
Appeal Board _____
Other _____
Department Name

Jeanie Bonke 4/2/03
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initialzing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

JB **Pre-construction Meeting:** Must be scheduled with your inspection team upon receipt of this permit. Jay Reynolds, Development Review Coordinator at 874-8632 must also be contacted at this time, before any site work begins on any project other than single family additions or alterations.

Footing/Building Location Inspection: Prior to pouring concrete

NA **Re-Bar Schedule Inspection:** Prior to pouring concrete

NA **Foundation Inspection:** Prior to placing ANY backfill

Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling

Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

NA **CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED**

[Signature]
Signature of applicant/designee

4/2/03
Date

[Signature]
Signature of Inspections Official

4/2/03
Date

CBL: 307-F 9 Building Permit #: 03-0280 #

PERMIT ISSUED

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 03-0280	Issue Date: APR 02 2003	CBL: 307 1009001
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Location of Construction: 29 Wendell St	Owner Name: Silberman Adam A &	Owner Address: 31 Wendell St CITY OF PORTLAND	Phone: 653-6959
Business Name:	Contractor Name: Nicks Pools	Contractor Address: 124 Wood Rd East Waterboro	Phone: 2072475915
Lessee/Buyer's Name	Phone:	Permit Type: Swimming Pools	Zone: FH

Past Use: Single Family	Proposed Use: Single Family	Permit Fee:	Cost of Work: \$3,100.00	CEO District: 1
Proposed Project Description: 15' x 30' above ground swimming pool		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: Pool BOCA 1999 Signature: JMB 4/2/03	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

Permit Taken By: jmb	Date Applied For: 04/02/2003	Zoning Approval	
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: 4/2/03 JMB	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: JMB
	<i>approved must be min 10' from all lot lines and principal structure</i>		

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

 SIGNATURE OF APPLICANT ADDRESS DATE PHONE

 RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

4/4/03 - Checked setbacks for above ground
pool 10' on all sides & front + rear
Tom M



City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 03-0280	Date Applied For: 04/02/2003	CBL: 307 1009001
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Location of Construction: 29 Wendell St	Owner Name: Silberman Adam A &	Owner Address: 31 Wendell St	Phone: () 653-6959
Business Name:	Contractor Name: Nicks Pools	Contractor Address: 124 Wood Rd East Waterboro	Phone: (207) 247-5915
Lessee/Buyer's Name	Phone:	Permit Type: Swimming Pools	

Proposed Use: Single Family	Proposed Project Description: 15' x 30' above ground swimming pool
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Dept: Zoning	Status: Approved	Reviewer: Jeanine Bourke	Approval Date: 04/02/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
Dept: Building	Status: Approved with Conditions	Reviewer: Jeanine Bourke	Approval Date: 04/02/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) Separate permit required for electrical pump installation.			
2) Must meet the BOCA 1999 requirements for pools and barriers.			


All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: ²⁹⁻³³ 3 Wendell ST		
Total Square Footage of Proposed Structure	Square Footage of Lot 7500	
Tax Assessor's Chart, Block & Lot Chart# 307 Block# I Lot# 09	Owner: ADAM Silberman Christina	Telephone: 653 6959
Lessee/Buyer's Name (if Applicable) N/A	Applicant name, address & telephone: ADAM Silberman 31 Wendell ST Portland ME 04103	Cost Of Work: \$ 3,100 Fee: \$ 51.00
What size is the pool: 15' x 30' Above or below ground: Above		
Dimensions of decking and/or platforms: Existing		
Contractor's name, address & telephone: Nick's Pools 124 Woodard Waterboro ME		
Who should we contact when the permit is ready: ADAM Silberman		
Mailing address:		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: 653 6959		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: 	Date: 4-2-03
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**This is NOT a permit; you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the
Planning Department on the 4th floor of City Hall**

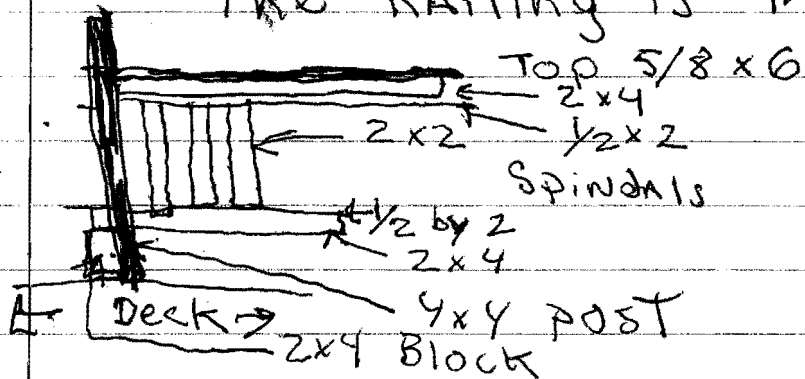
Scope of work

w/52" wall Above Ground Pool 15x30 oval
All supports, rails, caps and pool
wall, are made from Alum.
Liner is 25 mill. ~~vinyl~~ vinyl.
See attach. for spec's.

Gate

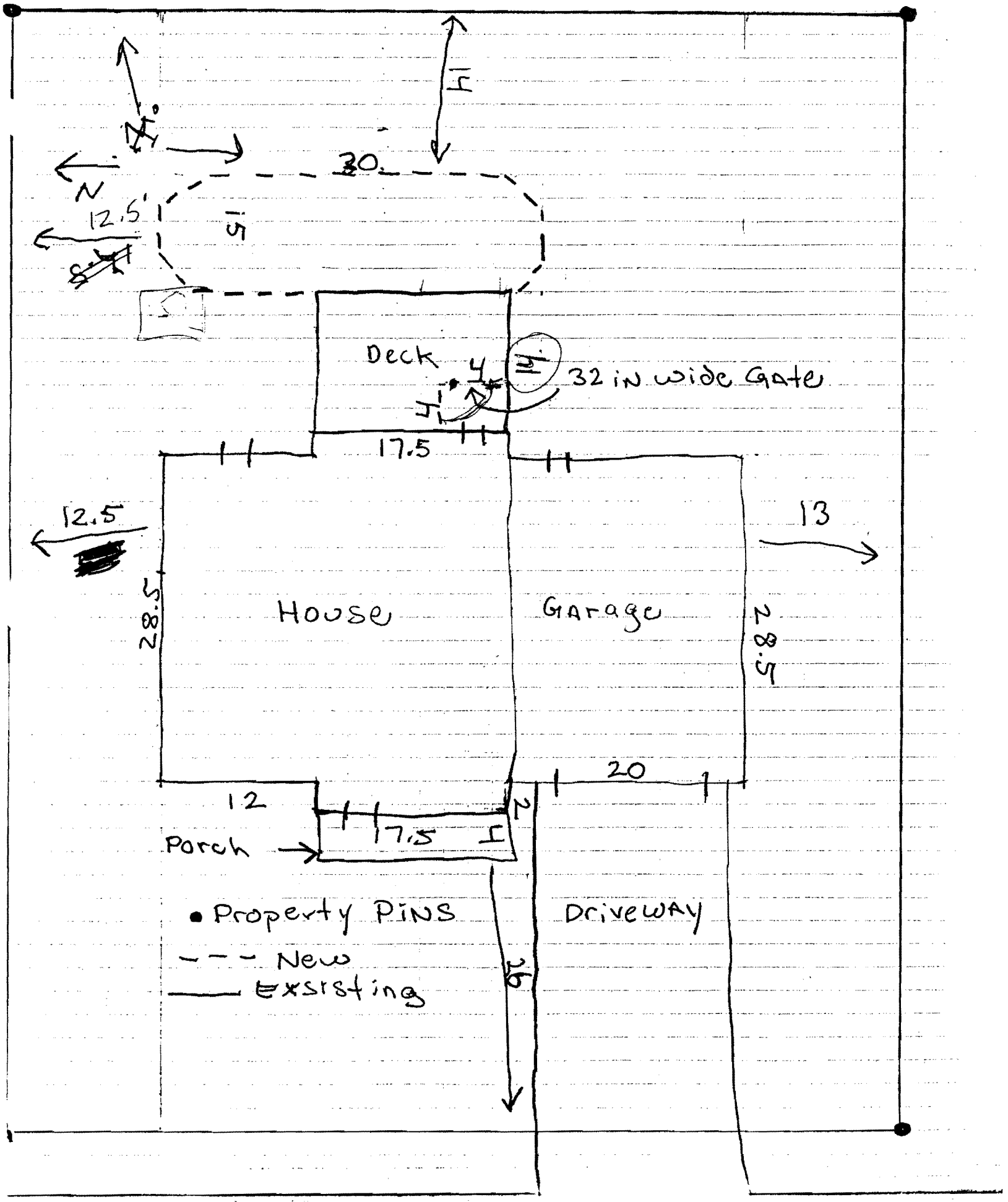
From existing deck which is
14x18 I will remove 2,4 ft
sections to form a gate

The railing is made like this



~~_____~~
~~_____~~
Railing is 48 inches High
Bottom Rail is 2 inches from
Deck Spindels are 4 inch center
to center apart.

Gate will be 48" Ht with self latching
device @ 54" from bottom of Gate - will be self-closing
& swing away from pool



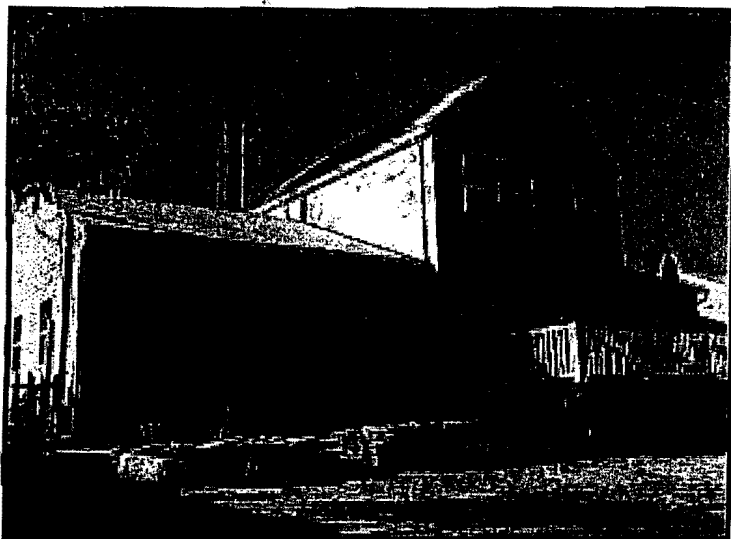
Subject Photo Page

Borrower/Client Silberman, Adam & Christina				
Property Address 31 Wendell Street				
City Portland	County Cumberland	State ME	Zip Code 04103-1256	
Lender The Mortgage Office				

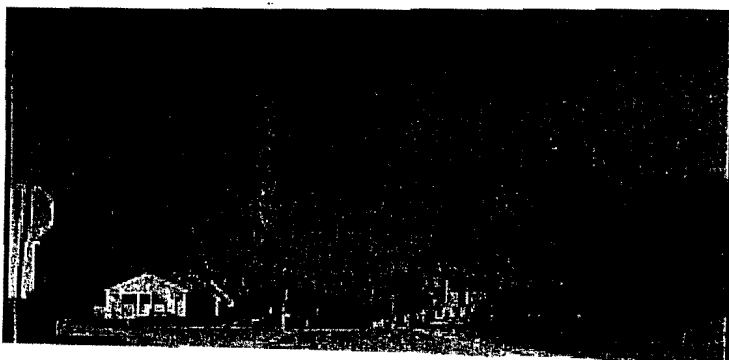


Subject Front

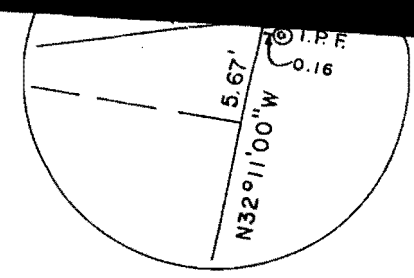
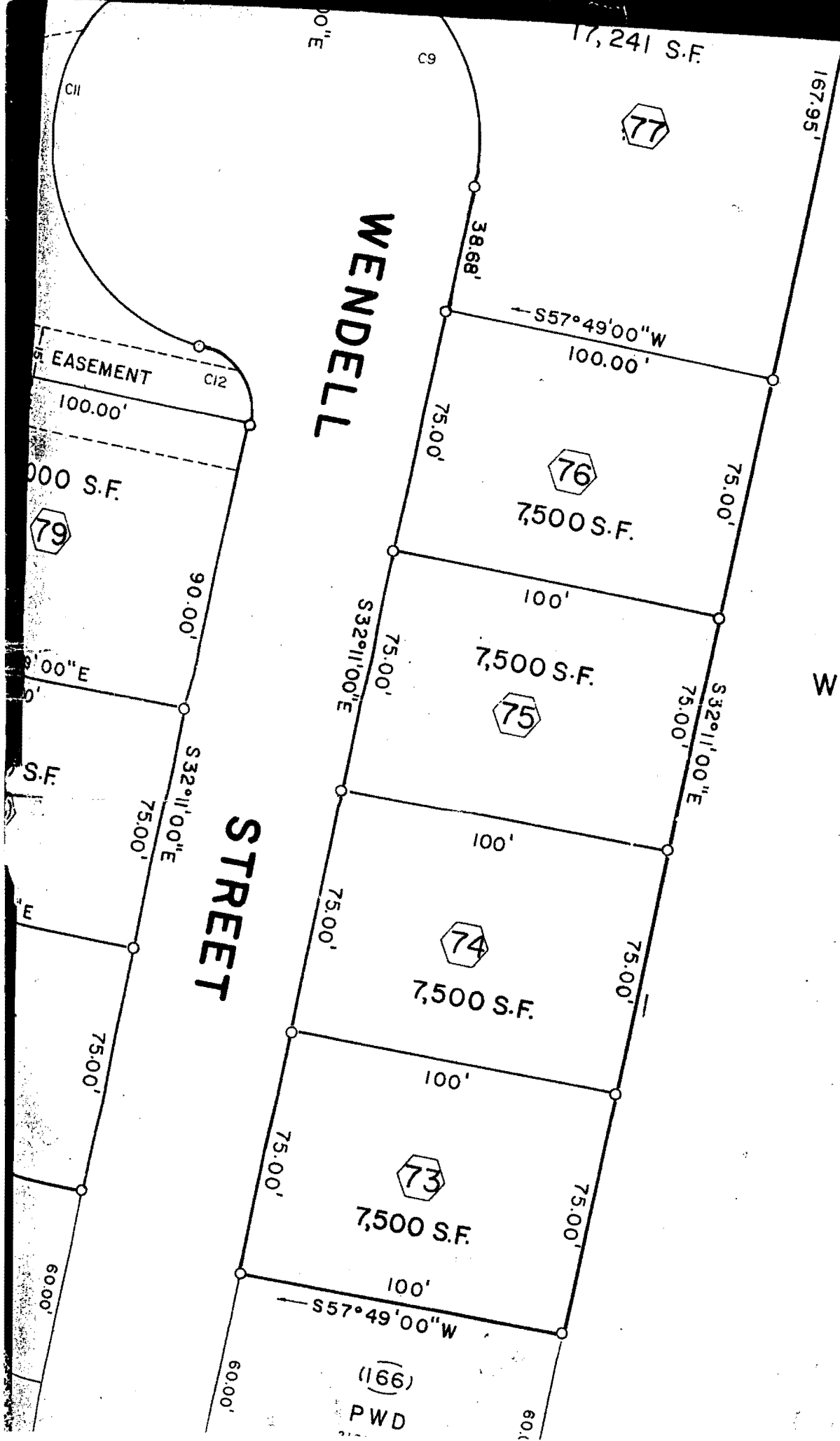
31 Wendell Street
Sales Price N.A.
Gross Living Area 1,220
Total Rooms 6
Total Bedrooms 3
Total Bathrooms 2.0
Location Suburban/Avg.
View Neighborhood
Site 0.17 Acre
Quality
Age 13 Years



Subject Rear



Subject Street



NOT TO SCALE

N/F
 WILLIAM JAMES ASS.
 7275/251

LEGEN

WENDELL

STREET

EASEMENT

10,000 S.F.

7,500 S.F.

7,500 S.F.

7,500 S.F.

7,500 S.F.

(166)
 PWD

NAMCO

THE NORTH AMERICAN MARKETING CORPORATION
 100 SANRICO DRIVE, MANCHESTER, CT 06040
 (860) 649-3666

SHIP TO: STORE: 27 CAT: 01 ORDER: 9009
 S I L B E R M A N , A D A M
 3 1 W E N D E L L S T
 P O R T L A N D M E DATE: 3/11/2003

0 4 1 0 3
 HOME PHONE 207 797-0922 CARRIER: CD&L MAINE
 WORK PHONE 207 653-6959 CARRIER TEL#: 800 459-3042

MODEL	DESCRIPTION	QUANTITY	CARTONS
EW SAS3015F	7"XA 30'X15'X52" WATERFL T2746-AC-14 WALL	1	1
	X6128 WC/BR BOX		1
	X7404G BASE COPING		1
	X7405 4PC COPING BOX		1
	X7514 4PC UPRIGHT BX		2
	X7410 OVAL BOX		1
	X7413 LONG BOX		1
	X7767SA2 FASTENER BX		1
L K3015X	SUB K3015 FOR 83015 L K3015 LINER	1	1
AST 251515P	150 SQ'11/2HP EL FILT PK AST 2515CE FILTER	1	1
WW 3409259X	2HP 2SP PUMP UPGRADE WW 340-9259 2HP PUMP	1	1
HER 200400P	EASY ENTRY STEP W/POOL	1	1

TOTAL CARTONS.. 13

SHIPPER #...27019009

ITEM 17050, SUB 6, CLASS 65
 SWIM POOLS ITEM 4880 PER NECFC

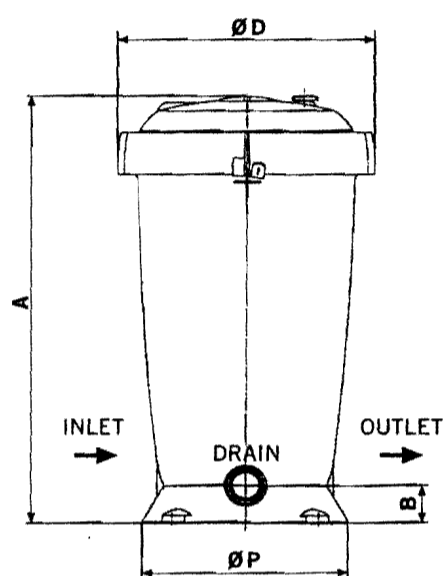
WEIGHT 5900.00 LBS

13. TECHNICAL SPECIFICATIONS

MODEL		TERRA - 50	TERRA - 75	TERRA - 100	TERRA - 150
Code (BSP connections)		18218	18219	18112	18220
Code (NPT connections)		2505CE	2507CE	2510CE	2515CE
Filter area (m ²)		4.7	7	9.3	14
Filter area (sq.ft.)		50	75	100	150
Max. working pressure		50 psi / 2.5 kg / cm ²			
Flow rate (m ³ /h)		8.4	12.5	16.5	25
Flow rate (gmp)		50	75	100	120
Connections	A INLET	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	B OUTLET	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	OUTLET WATER DRAIN	1 1/2"	1 1/2"	1 1/2"	1 1/2"
ØD (mm) / (inch)		400 / 15.7			
A (mm) / (inch)		450 / 17.7	570 / 22.4	690 / 27.2	810 / 32
B (mm) / (inch)		60 / 2.4			
ØP (mm) / (inch)		320 / 12.6			

The codes for the filtration connection sets are the following ones (see point 1):

MODEL	TERRA - 50	TERRA - 75	TERRA - 100	TERRA - 150
Code (BSP connections)	18549	18550	18551	18552
Code (NPT connections)	18553	18554	18555	18556



FRANÇAIS

Nous vous remercions d'avoir déposé votre confiance dans ce produit. Si vous suivez les instructions de ce manuel, vous disposerez d'un filtre de longue durée et d'une eau de grande qualité dans votre piscine. Il faut remarquer que ces filtres ont subi de stricts contrôles de qualité pendant leur fabrication tout en respectant les critères de la norme ISO 9002.

"Important: Le manuel d'instructions que vous avez entre vos mains contient des informations fondamentales sur les mesures de sécurité à adopter lors de l'installation et de la mise en service. Il est par conséquent indispensable qu'autant l'installateur que l'utilisateur lisent les instructions avant de passer au montage et à la mise en marche."

Ce manuel est plus particulièrement conçu pour l'installateur du filtre aîné que pour les personnes chargées de son entretien. Si vous suivez les indications données ci-après, fruit de notre longue expérience en systèmes de filtration, vous obtiendrez une qualité inégale et une parfaite limpidité de l'eau de votre piscine.

1. VÉRIFIEZ LE CONTENU DE L'EMBALLAGE

Le filtre à cartouche peut vous être livré en deux options différentes :

- Filtre à cartouche
- Kit de filtration

Le filtre à cartouche est composé de:

1. Filtre
2. Joints toriques pour les branchements d'entrée et de sortie d'eau
3. Manuel d'instructions

Le kit de filtration est composé de:

1. Filtre
2. Joints toriques pour les branchements d'entrée et de sortie d'eau
3. Manuel d'instructions
4. Racordement trois pièces pour le branchement du filtre à la pompe
5. Banc du filtre
6. Visserie nécessaire pour monter correctement le kit de filtration
7. Deux manches + poche composants

2. PRINCIPE DE FONCTIONNEMENT

Le filtre contient une cartouche formée par du papier en polyester plié. L'eau entre dans le filtre par le bas et se répartit de façon uniforme autour de l'ensemble de la cartouche. Elle traverse ensuite la cartouche. L'on obtient ainsi une eau totalement propre à l'intérieur qui, une fois filtrée, sort également par la partie inférieure du filtre (à 180° de l'entrée) et se dirige vers la piscine.

10. WINTER CARE

It is recommended that the filter be emptied at the end of the season in order to avoid any deterioration to its components. The steps given below should be followed:

- Switch off the pump.
- Close the inlet and outlet valves in order to isolate the filter.
- Open the air purge cap on the top of the filter.
- Open the water purge cap on the bottom of the filter.
- Completely empty the filter.
- Disassemble the filter by following the instructions given in point 10.
- Clean the filter interior to remove any remaining dirt or diatomaceous earth.
- If necessary, clean the cartridge with a water hose. If the filter is still dirty, it will be necessary to clean it with suitable chemical cleaning products.
- Store the cartridge in a dry place and protect it from frost.
- Keep the filter in a bag to protect it from water and sunlight.
- It is also recommended that all the piping be emptied to avoid any damage caused by frost.

11. TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Low filtration rate	Dirty pump pre-filter	Clean pre-filter
	Dirty cartridge	Clean cartridge
	Blocked piping	Check piping, valves...
	Pump motor rotates in the opposite direction	Invert rotation direction
Pressure oscillation	Air entering pump	Eliminate possible leaks
	Half closed inlet suction	Open inlet suction valves
Rapid pressure increase	Dirty cartridge	Clean cartridge
	Algae in the swimming pool	Chemical treatment of swimming pool
Water not clean enough	Inadequate chemical treatment	Modify chemical treatment
	Dirty cartridge	Clean cartridge

12. SAFETY WARNINGS

- Ensure that the safety lever overlaps the safety catch to prevent letter unscrewing accidentally.
- Do not connect the system to the water mains, since the pressure may be very high and exceed the maximum working pressure of the filter.
- Protect the filter from frost.
- Before handling the filter, ensure that the pump is switched off and that the filter is not under pressure.
- Lubricate the sealing rings with Vaseline before installing them.
- ALWAYS purge the air from the filter before starting a cycle.

5. FILTERING

This function removes the dirt and debris from the water. When pressure increases 10 psi (0.7kg/cm) above starting pressure, it is time to clean the internal cartridge. If the swimming pool is new, then the cartridge should be cleaned 48 hours after filter installation.

6. CLEANING

Turn the pump off before performing any operation. Close the suction and return valves to and from the swimming pool. Open the air purge plug on top of the filter to relieve pressure in the vessel and open the water purge on the bottom of the tank. Allow the filter tank to drain completely. Once it is totally empty, unscrew the filter lid (consult the filter disassembly) and remove the cartridge. Clean the cartridge with water hose and replace when clean. Reassemble and follow starting procedures.

If the cartridge is still dirty after this operation, it will be necessary to use a specific product for cleaning it. Follow the instructions of the product's manufacturer carefully to ensure it is correctly used.

It is very important to check for cartridge damage during this operation. If it is damaged, then it should be changed immediately.

7. MAINTENANCE

- Do not use solvents or detergent powders that might damage or scratch the filter surface when cleaning the filter. The use of a damp cloth is recommended.
- Worm parts and seals should be changed whenever necessary.
- Lubricate the seals with Vaseline so that they function correctly and to avoid deterioration.

8. FILTER DISASSEMBLY

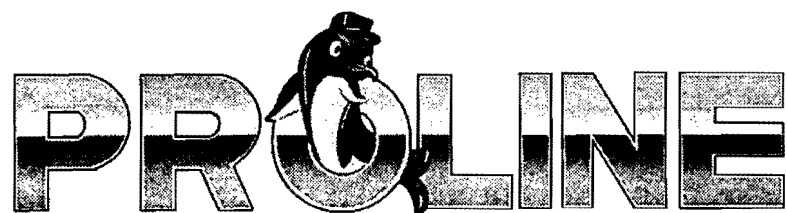
Before handling the filter ensure that the pump is switched off, that there is no pressure in the filter and that the main electrical switch is in the OFF position.

- Close the inlet and outlet valves so that the filter is isolated.
- Open the air purge cap and the filter emptying cap to completely empty the filter.
- Unscrew the cover nut. The safety lever, which is located on the lower part of the nut, has to be raised in order to perform this operation.
- Once the cover and cover nut have been removed, the filter cartridge may be removed by firmly pulling in an upwards direction.

9. FILTER ASSEMBLY

Before assembling the filter, the inside should be carefully cleaned, together with the cartridge and the seating of the various sealing rings. Check that all parts are in good condition, without any cracks or other imperfections.

- Locate the cartridge in the correct position. Slightly press downwards.
- Fit the lid and nut set, check that the O-ring is correctly located, and screw the nut to its final position. It is advisable to lubricate the sealing ring with Silicone and to thoroughly remove any remaining dirt.
- Once the lid and nut set is in its final position, check that the safety latch overhangs the stop to avoid the cap becoming accidentally loose.



IMPORTANT SAFETY INSTRUCTIONS

When installing this electrical equipment, basic safety precautions should always be followed, including the following...

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

Potential risk of fire, electric shock, or injury to persons if misused. Do not install within an outer enclosure or beneath the skirt of the spa unless so marked.

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

Caution: This pump is for use with permanently installed pools and may also be used with hot tubs and spas if so marked. Do not use with storable pools. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it may be readily disassembled for storage and reassembled to its original integrity.

SAVE THESE INSTRUCTIONS

INSTALLATION

Location

Place pump on level surface. Pump must be installed below water surface. Shut off valves should be installed on both the inlet and outlet of the pump for future maintenance. Installation area should have adequate floor drainage. Pump should be protected from excessive moisture. Allow access area large enough to service both pump and plumbing.

Pump Connections

The inlet and outlet have Waterway male union threads. Use Waterway tailpiece assemblies for best connection. These unions allow the pump to be removed for service without disturbing the plumbing.

HAND TIGHTEN UNIONS ONLY!

Do not use a wrench or any adhesives or solvents.

48-FRAME PUMPS

CENTER AND SIDE DISCHARGE PUMP

Safety Instructions

Pump Connections, Cont.

Do not use pipe dope. Use only teflon or other sealing compounds approved for use with plastic. Some pipe dopes not approved for use with plastic will cause stress cracking of plastic parts. New installations often require a plumbing inspection. This inspection is usually conducted using city water pressure. This test should not exceed 40 P.S.I. During the pressure test the filter and pump are under pressure, insure that all air is removed from the system. Extreme care must be taken during the pressure test. Failure to follow these instructions explicitly can result in personal injury and warranty will be voided.

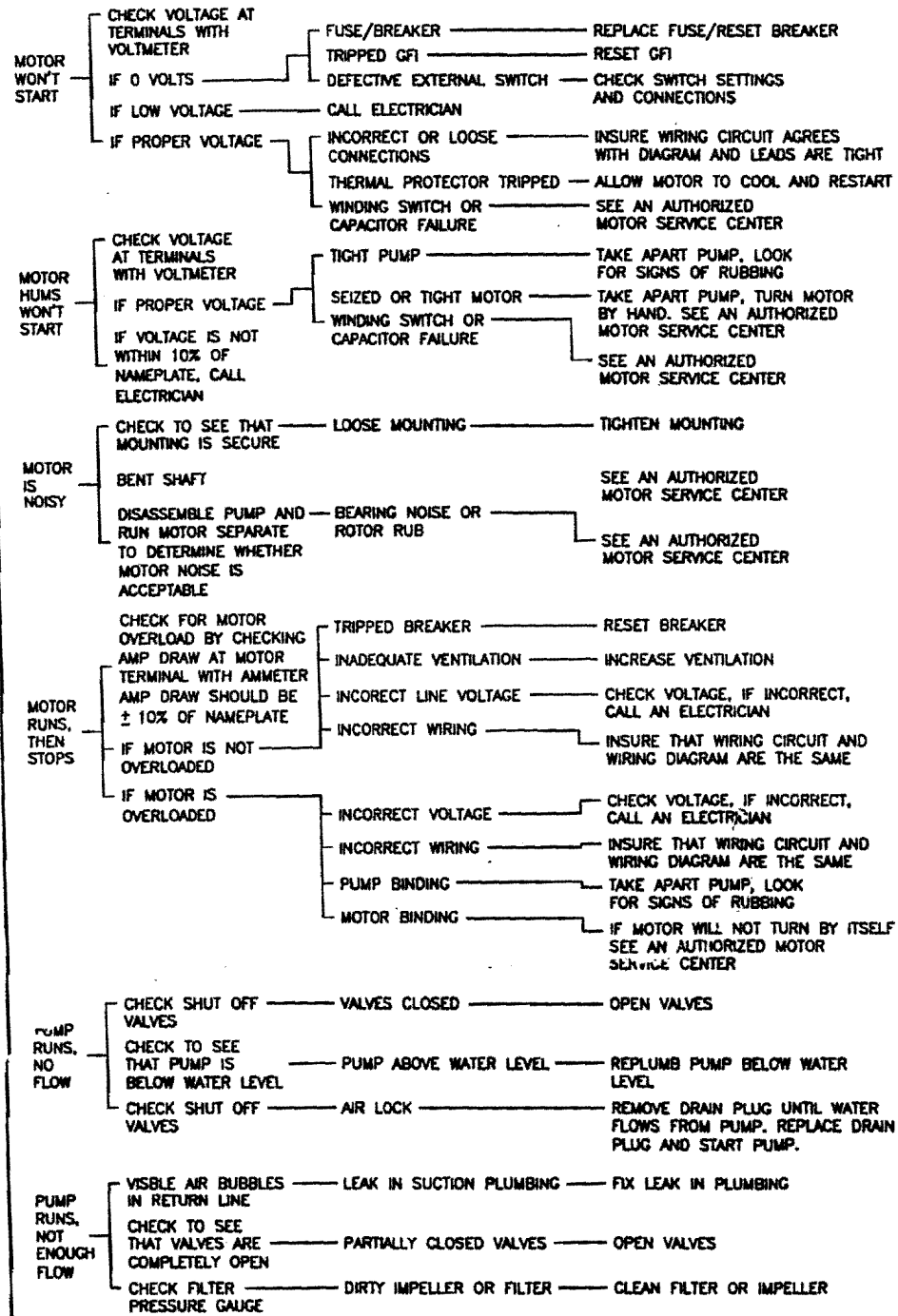
MOTOR WIRING

- (A) Before working on any electrical connections be sure that power is turned off.
- (B) All wiring must conform to local or national codes.
- (C) All wiring must conform to the wiring diagram in the motor nameplate or on the back of the terminal cover.
- (D) Incoming line voltage must be $\pm 10\%$ of the nameplate voltage.
- (E) A solid copper bonding conductor no smaller than No.8 AWG should be connected from the wire connector on the motor to all metal parts of the spa, or hot tub structure. And to all electrical equipment, metal conduit, and metal piping within five feet of the inside walls of a swimming pool, spa, or hot tub when the motor is installed within five feet of the inside walls of the spa or hot tub.
- (F) Do not ground to a gas supply line.
- (G) Ground motor prior to connecting electrical power.
- (H) Improper grounding can cause serious injury and damage to the motor, avoiding the warranty.

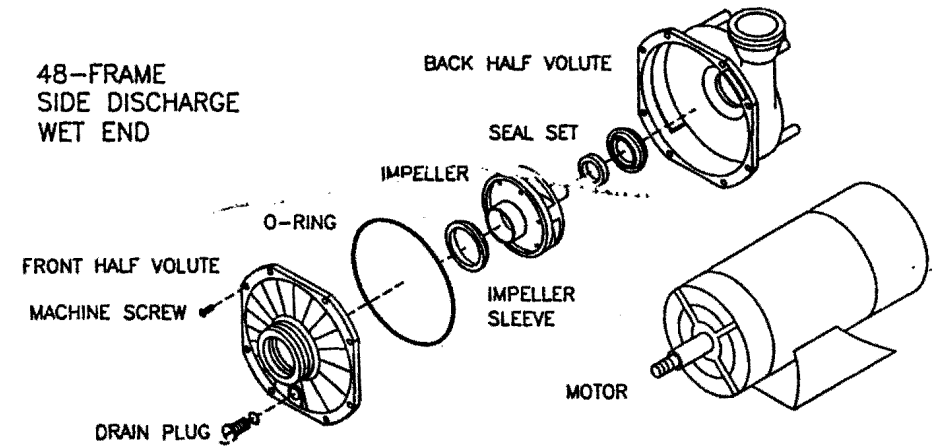
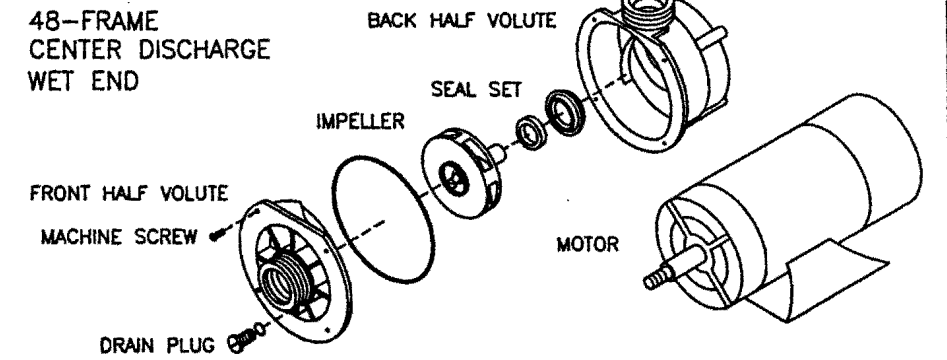
WARRANTY

- To all original purchasers of its products, Waterway, 2200 E. Sturgis Rd. Oxnard, CA. 93030, warrants its products free from defects in materials and workmanship for a period of one year from the date of manufacture.
- Products which fail or become defective during the warranty period, except as a result of freezing, accident, negligence, improper installation, use, or care, shall be repaired or replaced at our option, without charge within 90 days of receipt of defective product, barring unforeseen delays.
- To obtain warranty replacements or repair, defective products should be returned, transportation paid, to the place of purchase. Warranty only applies to OEM's and distributors of Waterway
- Waterway shall not be responsible for cartage, removal and/or reinstallation labor, or any other such costs incurred in obtaining warranty replacements.
- Some states do not allow a limitation on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- This warranty gives you specific legal rights, and you may also have other rights

TROUBLESHOOTING



EXPLODED VIEWS



TRAP ASSEMBLY

Center



Body 1-1/2" x 1-1/2"

Side



Body 1-1/2" x 2"

SECTION II - POOL CONSTRUCTION

Step 1: Parts Identification: See figures in bill of material packet. Check for installation addendums.

ROUND POOLS

Step 2: See Figures 1 and 2 and table on page 3. Scribe a circle defined by line "1". Slide the wall channels into the bottom clips and position them on the circle. Place a patio block under each bottom clip. If the bottom wall channel is on soft ground, place additional blocks in a pyramidal shape under the bottom clips for support. Dig 2" down for each block. *The top of each block must be at grade level.* When leveling the blocks, never build up; always dig down. Place a stake at the center of each wall channel to keep the circle round during installation.

For round pools proceed to Step 8.

CAUTION: For Oval Hopper Pools: If this pool is being installed with a deep end refer to instructions packed with the liner.

Note: steps 3 through 7 for Oval pools only

NOTE: FASTEN TOGETHER ONLY THE CENTER WHICH IS CIRCLED

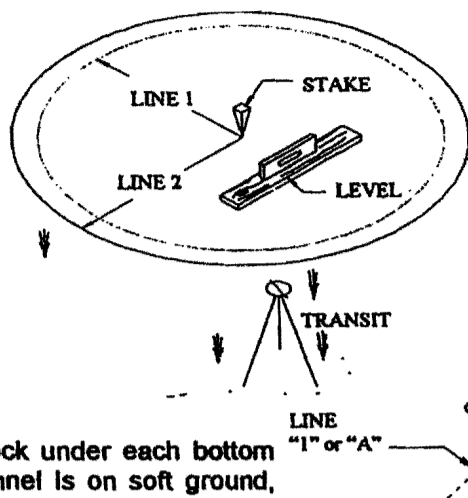


FIGURE 1

GROUND PREPARATION AREA: REMOVE ALL GRASS, ROOTS, STONES AND DEBRIS

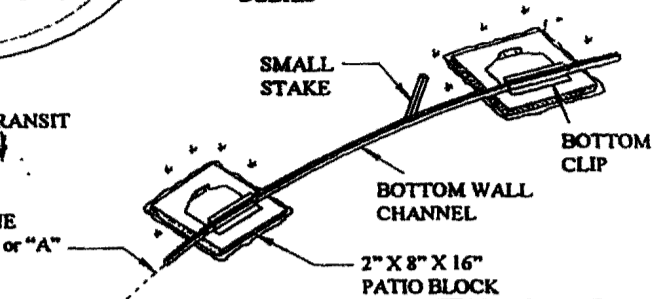


FIGURE 2

GROUND PREPARATION AREA: REMOVE ALL GRASS, ROOTS, STONES AND DEBRIS

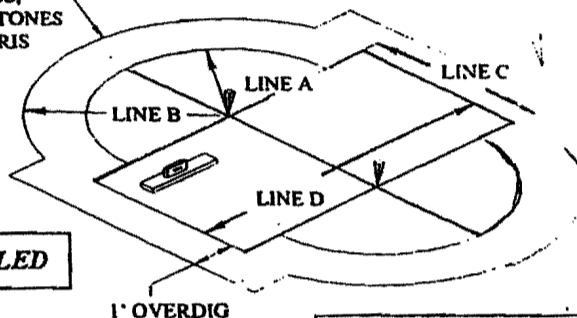


FIGURE 3

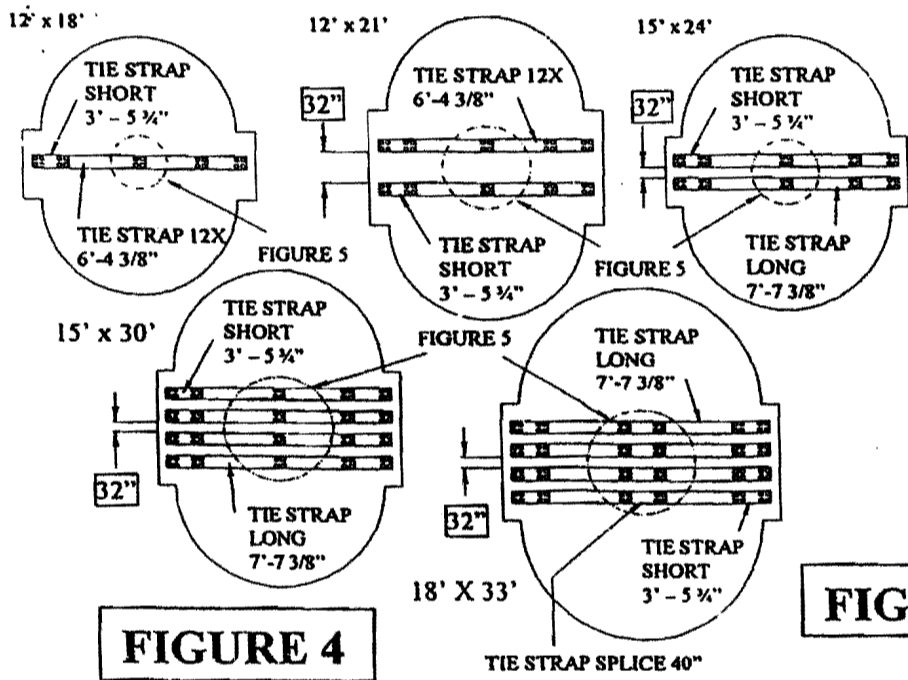
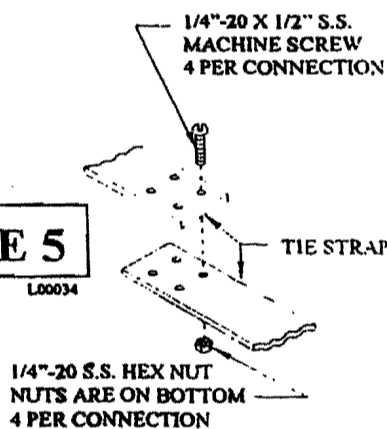


FIGURE 4

OVAL POOLS

Step 3: See Figure 4 and 5. Arrange and fasten straps as shown for your size pool. Be sure that the screw heads are on top when connecting the tie straps to each other.

FIGURE 5



Step 4: See Figure 6. Attach butress clips to the ends of the short tie straps. The nuts must be on the top side. Interlock the mudsill to the bottom rail and fasten the short tie strap and the long tie strap to the bottom rail and mudsill. The screw heads must be on top for these joints as shown.

Step 5: See Figure 6. Attach the oval uprights to the bottom rail with 4 bolts. Attach the butress to the upright and butress clip as shown. Place a 4" x 8" x 16" solid cap block under the butress clip. Dig 4" down in the area of the block and level the block.

IMPORTANT: The top of the blocks and the bottom rails must be at grade level. When leveling the blocks and the bottom rails use a transit and never build up; always dig down. Make sure the uprights are plumb.

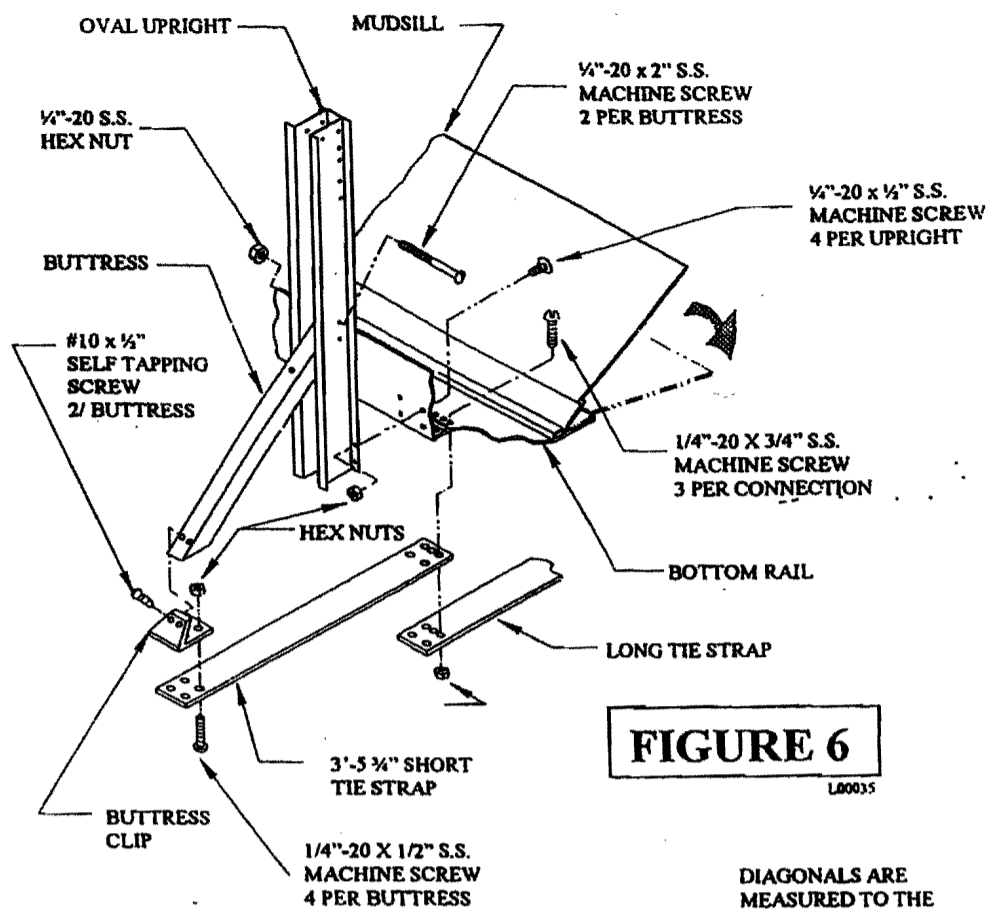


FIGURE 6
L00035

DIAGONALS ARE MEASURED TO THE BOTTOM OUTER HOLES IN THE BOTTOM RAIL. THEY MUST BE EQUAL (SQUARE)

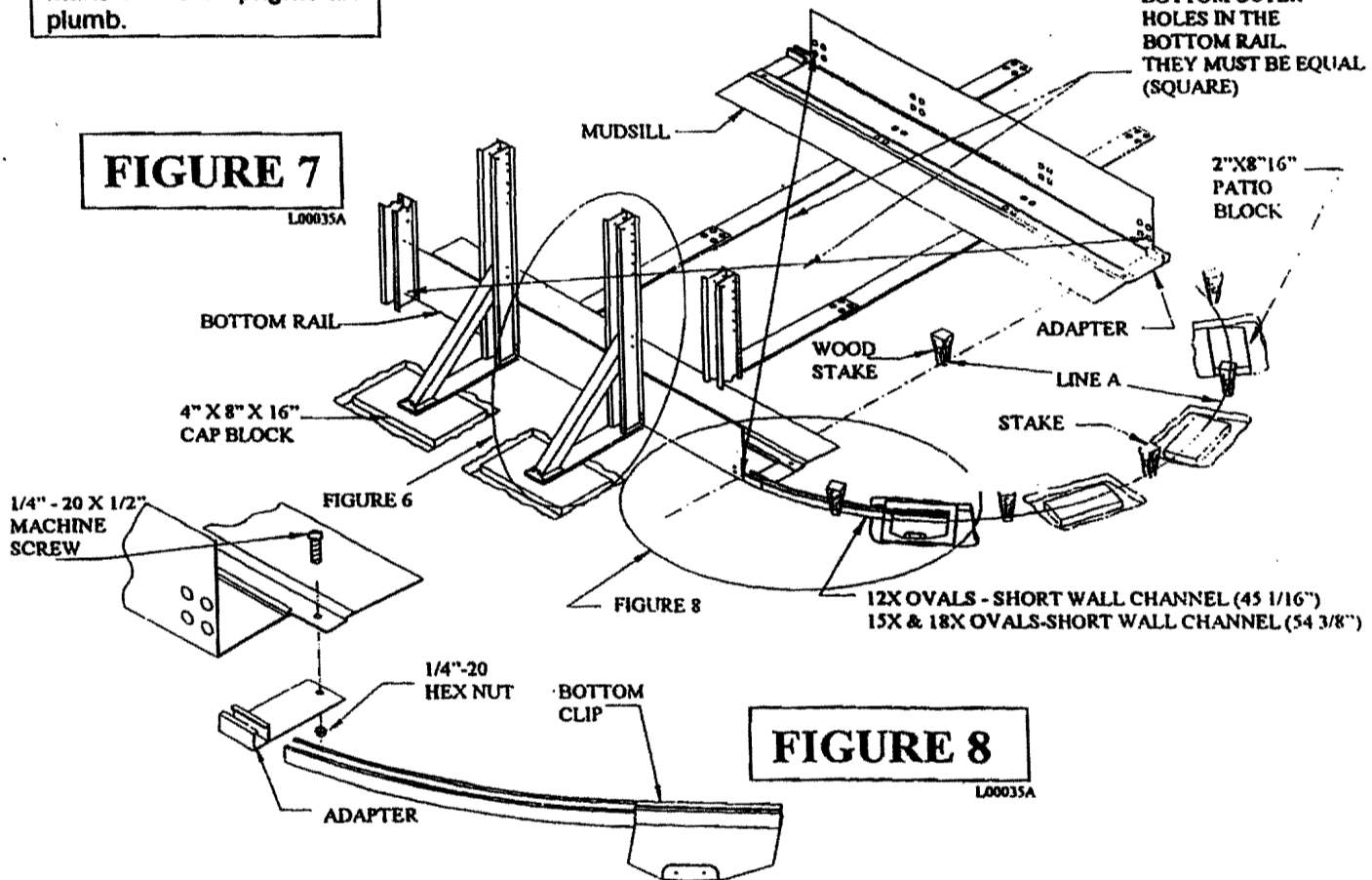


FIGURE 7
L00035A

FIGURE 8
L00035A

Step 6: See Figure 7. Square and level the bottom rails and the tie strap assembly. Tighten all fasteners in the assembly. Attach the adapter to the bottom rail as shown in Figure 8.

Step 7: See Figures 2, 3, 7 and 8. Mark line "A" as shown in the table on page 3. Insert the short wall channel into the adapter. Create a half circle on line "A" by sliding the longer wall channels into the bottom clips. Place a 2" thick patio block under each bottom clip. If the bottom wall channel is on soft ground, place additional blocks in a pyramidal shape under the bottom clips for support. Dig 2" down for each block. *The top of each block must be at grade level.* Place a stake at the center of each wall channel to keep the half circle round during installation. Repeat for other end.

ROUND AND OVAL POOLS

Step 8: See Figures 9, 10 and 11. Place the required amount of sand inside the pool area. Starting at the center of a bottom clip, insert the pool wall into the wall channel around the entire pool area. Make sure the skimmer and return cutout are at the top of the wall and not over a clip or upright. Attach the pool wall ends together as shown using the two (2) wall enclosure bars and hardware. The heads of the machine screws must be on the inside of the wall. Do not omit any fasteners in the pool wall connection. The wall will not stay together without all the fasteners. Cover the bolt enclosure on the inside with several layers of duct tape to protect the liner.

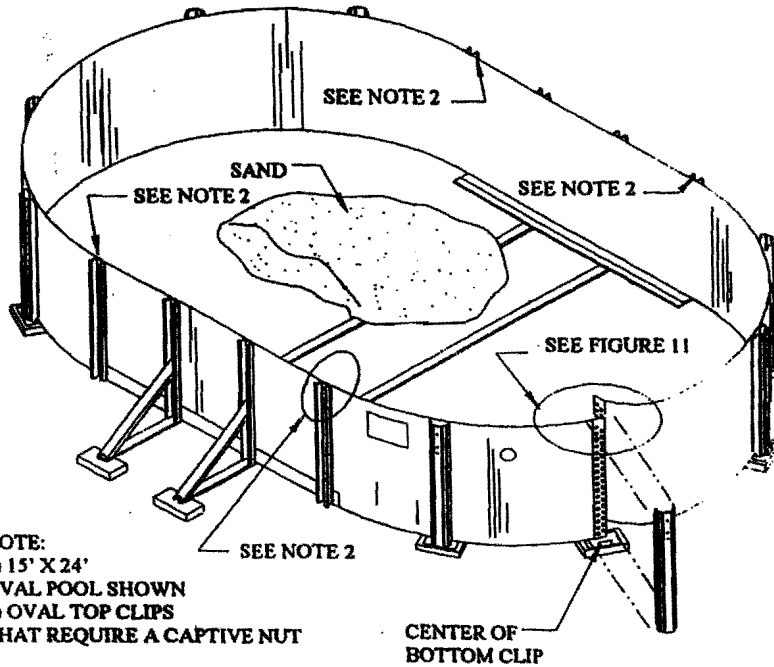
If either wall enclosure strip is missing, damaged or do not align properly with all holes in the wall, do not use the wall and notify your dealer at once.

NOTE: If the wall does not stay in the

wall channel, the ground is not level - remove the wall and relevel the wall channel.

After the pool wall is assembled, check the dimensions of the pool to insure that it has not shifted during assembly.

Step 9: See Figure 12 and detail 12b. Attach the uprights to the bottom clips as shown.



NOTE:
1) 15' X 24'
OVAL POOL SHOWN
2) OVAL TOP CLIPS
THAT REQUIRE A CAPTIVE NUT

FIGURE 9

L00036

CAUTION: Installation of the wall in any other manner than precisely described above will cause extensive damage to the pool and may result in injury or death to those people in or around your pool.

NOTE: If a pool fence or a walk deck and/or patio is to be installed, read those manuals before proceeding. Check care and maintenance manual for proper placement of safety information.

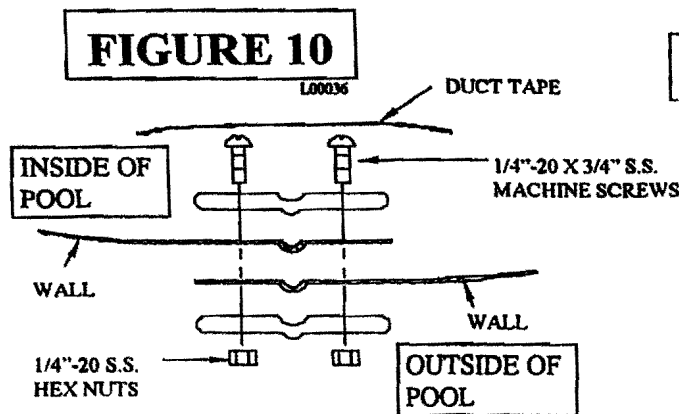


FIGURE 10

L00036

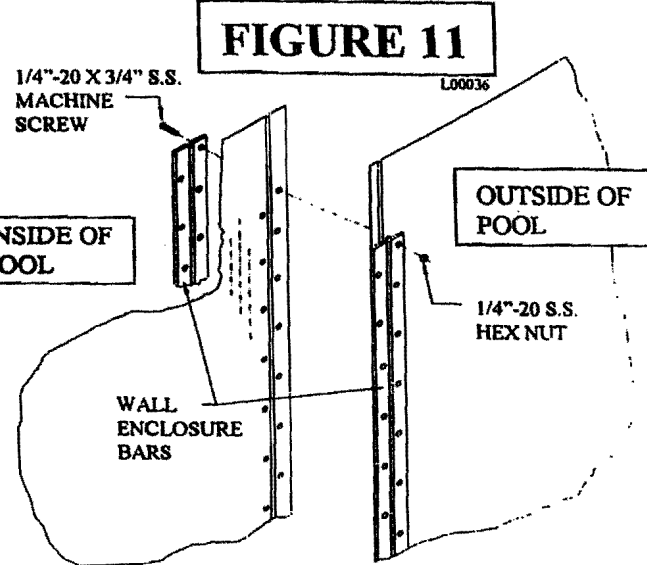


FIGURE 11

L00036

Step 10: See Figure 12 and Detail 12a. Install the skimmer throat gasket to each side of the pool wall and attach the skimmer to the wall as shown using hardware provided with the skimmer. Mount the skimmer at the center with only two (2) pan head screws at this point. Refer to skimmer instruction sheet.

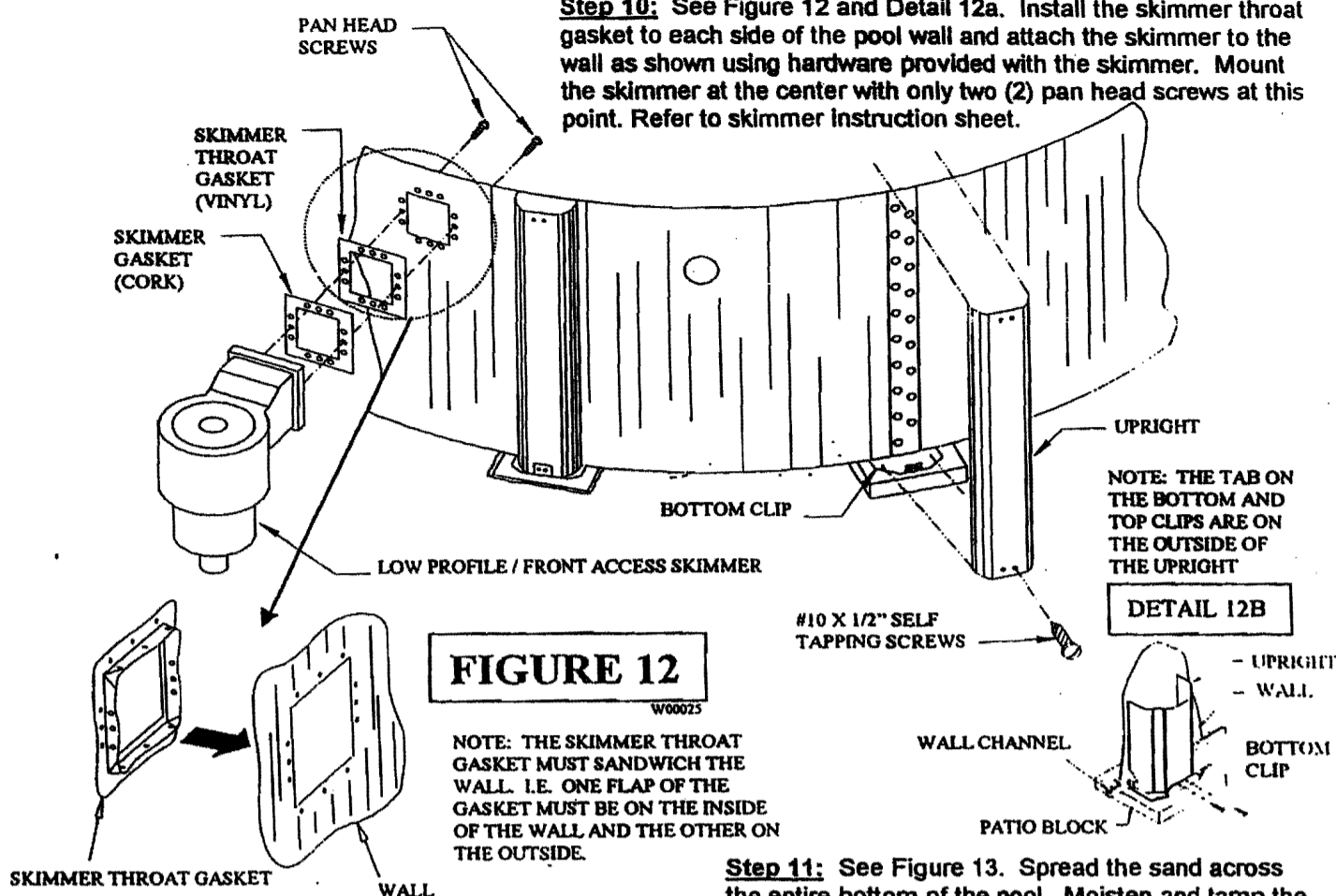


FIGURE 12
W00025

DETAIL 12A
W00030

Step 11: See Figure 13. Spread the sand across the entire bottom of the pool. Moisten and tamp the sand to provide a solid base. The sand base must be 2" deep after tamping. The sand should be moistened and troweled to a smooth finish. Create a 6" radius cove along the wall as shown. This cove must also be tamped solid to prevent shifting. Clean the inside of the wall prior to installing liner.

*Steps 12 through 15 are for overlap liners only.
For beaded liners proceed to step 16.*

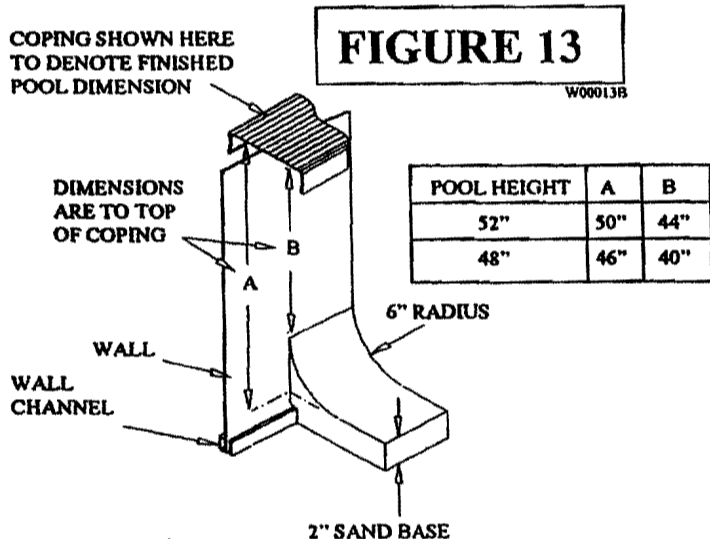


FIGURE 13
W00013B

OVERLAP LINERS

Step 12: Remove the liner from the carton and unfold into the pool. Be careful not to drag, abrade or snag the liner. Spread the liner out over the entire bottom of the pool. Raise the liner side wall.

Step 13: See Figure 14 and Detail 14A. Place the liner over the edge of the wall. Make sure the overlap is equal around the outside of the pool wall. Center the 1 1/2" pieces of the liner interlock over the wall at each upright. Place the bead receiver over the wall edge as shown.

WARNING: Failure to use the sand or sand equivalent and shape it as specified will void all warranties on the pool and liner.

Steps 16 through 18 are for beaded liners only. For overlap liners proceed to step 19.

BEADED LINERS

Step 16: See Figures 18, 19, 20 and 21. Place the bead receiver on the wall. Tape the joints of the bead receiver using fabric tape to protect the liner. Install captive nuts on four (4) oval top clips. Those oval top clips are mounted on the oval uprights on each end of the bottom rails. Install captive nuts on ALL non-oval top clips. Mount all top clips to the uprights.

Step 17: See Figure 19. Remove the liner from the carton and unfold into the pool. Be careful not to drag, abrade or snag the liner. Spread the liner out over the entire bottom of the pool. Raise the liner sidewall and place the bead into the bead receiver.

NOTE: If the liner is exposed to the sun for a long time, it will stretch and cause wrinkles. This can be avoided by waiting until dusk or by spraying cold water on the liner during installation.

Step 18: Smooth all the wrinkles out on the bottom of the liner. To remove wrinkles, always pull the liner firmly but gently. No sharp tugs! Be certain liner is centered. Time spent removing wrinkles and aligning the liner will give you a neater looking and easily maintained pool.

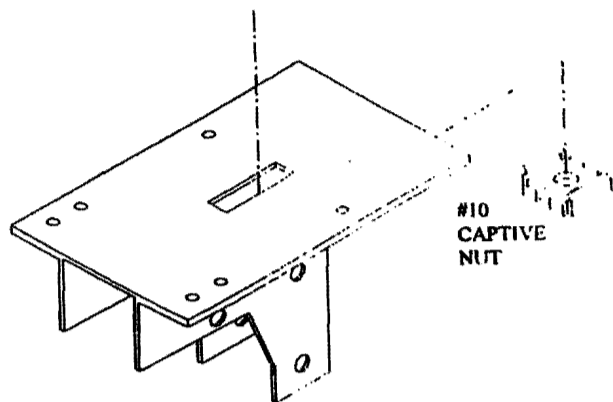


FIGURE 18

L00036A

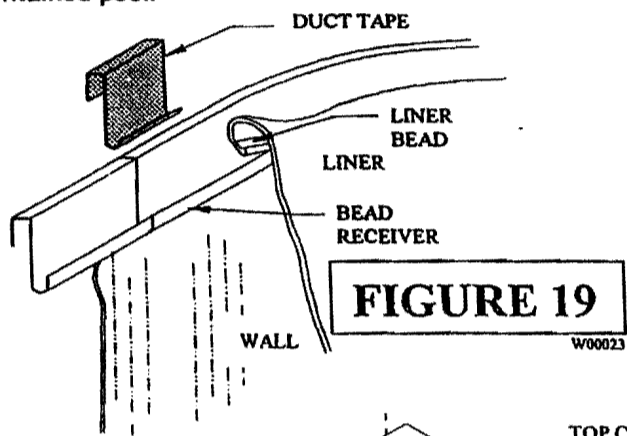


FIGURE 19

W00023

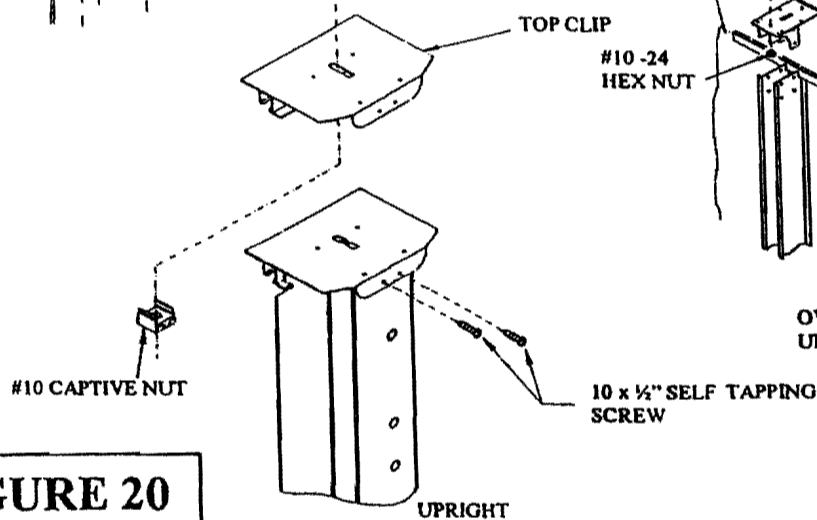


FIGURE 20

A00005A

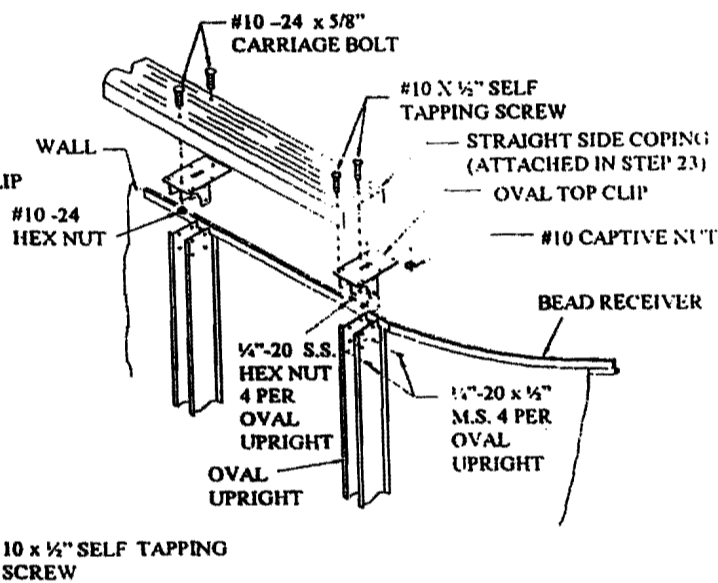
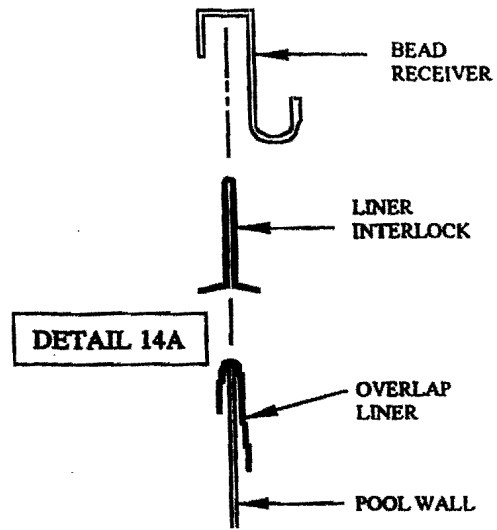
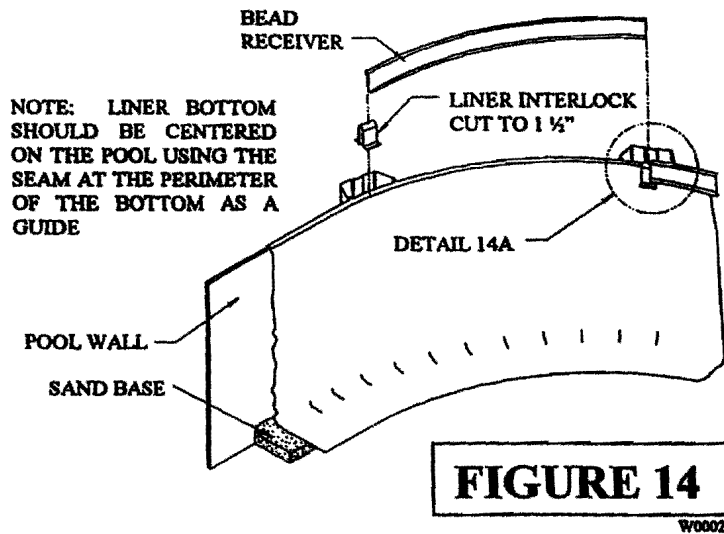


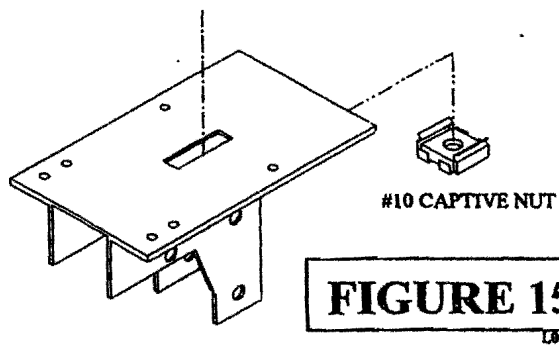
FIGURE 21

L00036A

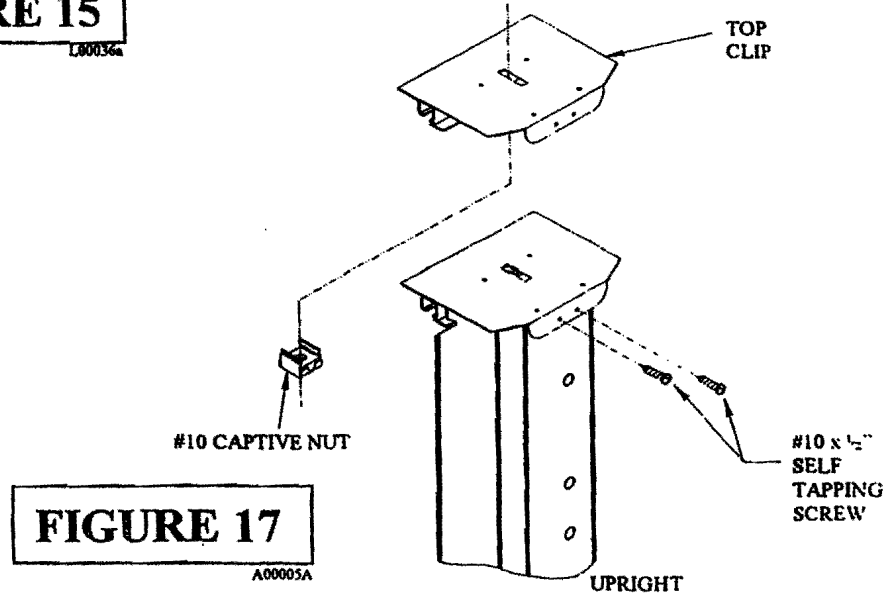
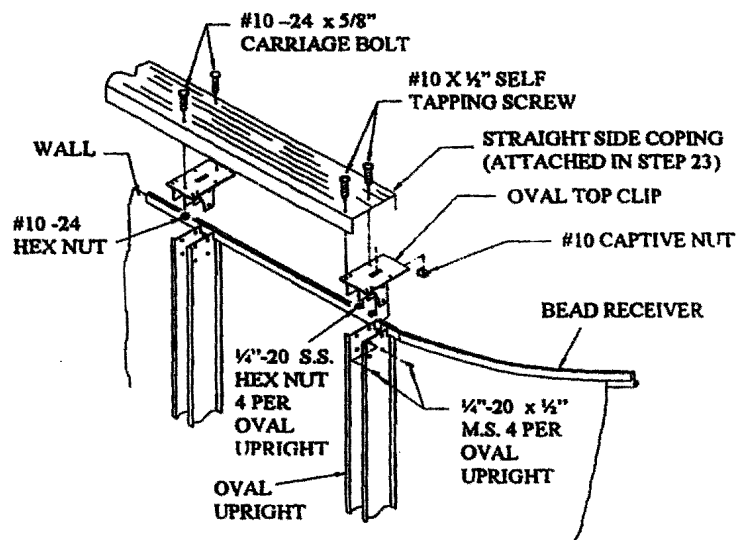


NOTE: If the liner is exposed to the sun for a long time, it will stretch and cause wrinkles. This can be avoided by waiting until dusk or by spraying cold water on the liner during installation.

Step 14: Smooth all the wrinkles out on the bottom of the liner. To remove wrinkles, always pull the liner firmly but gently. No sharp tugs! Be certain liner is centered. Time spent removing wrinkles and aligning the liner will give you a neater looking and easily maintained pool.



Step 15: See Figures 15, 16 and 17. Install captive nuts on four (4) oval top clips. Those oval top clips are mounted on the oval uprights on each end of the bottom rails. Install captive nuts on ALL non-oval top clips. Mount all top clips to the uprights.





CITY OF PORTLAND, MAINE

Department of Building Inspections

April 2 2003

Received from Adam Silberman

Location of Work 29 Wendell st.

Cost of Construction \$ 3,100.00

Permit Fee \$ 51.00

Building (IL) Plumbing (I5) Electrical (I2) Site Plan (U2)

Other pool

CBL: 307-t-9

Check #: 7122 Total Collected \$ _____

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy

