

office use only - PERMIT TYPE **Pool** p. CODE **PO** **CONSTRUCTION PERMIT APPLICATION** office use only
POLK COUNTY BUILDING DIVISION
 P.O. BOX 9005, DRAWER CS02
 BARTOW, FLORIDA 33831-9005
 PERMIT NO: **20020800**
000 **39100000**

Date: **9-29-02**
 Owner's Last Name: **FLANNERY** First Name: **JUDY** Middle Initial: Telephone No: **863-644-0639**
 Owner's Address: **2223 BLACKWOOD DR.** City: **LAKELAND** State: **FL** Zip Code: **33811**

Property Address: **SAME** Subdivision Name: **Woodside Sundome Ph. 1** City: Zip Code:
 LEGAL DESCRIPTION: Section **27** Township **09** Range **03** Lot No. **02** Block Plat Book Page No. **142045** Parcel Number: **000120** Legal Attached

General Contractor: **AMERICAN POOL BUILDERS** Type: County Reg. No.: **12030** Area: **863** Telephone Number: **669-1421**
 Electrical Contractor: **JIM BRILEY ELECTRIC** **2277** **956-9448**
 Plumbing Contractor:

A/C Mech. Contractor:
 Roofing Contractor:
 Irrigation Contractor:
 Gas Contractor:
 Suppression Systems Contractor:
 Alarm Systems Contractor:
 Underground Utility Contractor: **Soil back form only**

Directions to property from Bartow: **Drive W to 37th to Shepherd Rd to Sundome Blvd to Blackwood Dr to address**

IF A DRIVEWAY PERMIT IS REQUIRED, I UNDERSTAND THAT I WILL NEED TO INSTALL THE NEW DRIVEWAY ACCORDING TO THE DRIVEWAY PERMIT INSTRUCTIONS AND REQUEST INSPECTIONS FROM THE ENGINEERING DIVISION BEFORE ANY EXCAVATION OR CONSTRUCTION BEGINS. I ALSO UNDERSTAND THAT IF I HAVE AN EXISTING DRIVEWAY, I WILL NEED TO HAVE THE DRIVEWAY INSPECTED BY ENGINEERING AND WILL BE REQUIRED TO UPGRADE THE DRIVEWAY TO EXISTING COUNTY DRIVEWAY ORDINANCE REQUIREMENTS.
 I UNDERSTAND THAT I MUST HAVE THE DRIVEWAY INSPECTED AND APPROVED BY THE ENGINEERING DIVISION BEFORE I CALL THE BUILDING DIVISION FOR A FINAL INSPECTION OF MY RESIDENCE.

I CERTIFY, TOGETHER WITH PLANS AND SPECIFICATIONS, THIS APPLICATION SHOWS A TRUE REPRESENTATION OF CONSTRUCTION TO BE ACCOMPLISHED UNDER THIS PERMIT. IT IS UNDERSTOOD THAT ANY FALSE INFORMATION OR DEVIATIONS FROM THE ORIGINAL DOCUMENTS WILL RENDER THE PERMIT ISSUED UNDER THIS APPLICATION NULL AND VOID, UNLESS APPROVED BY THE BUILDING DIRECTOR. THE PERMIT ISSUED UNDER THIS APPLICATION IS INVALID AFTER 180 DAYS. IF THE PROJECT IS NOT STARTED FOR WHICH THE PERMIT IS ISSUED, I AGREE TO CONFORM TO ALL BUILDING DIVISION REGULATIONS AND POLK COUNTY ORDINANCES REGULATING BUILDING AND ZONING.

ALSO, I HEREBY CERTIFY THAT IN THE EVENT ANY OF THE WORK CONTEMPLATED BY THIS PERMIT APPLICATION INVOLVES EXCAVATION AS DEFINED IN SECTION 553.851, FLORIDA STATUTES; THAT THE APPLICANT HAS COMPLIED WITH THE PROVISIONS OF SECTION 553.851 E.S., PARAGRAPHS (2) (A) AND (C). (SEE REVERSE SIDE FOR MORE INFORMATION.)

UTILITIES: Electric Company (name): **LAKELAND ELECTRIC**
 Water: Well Public (name) **CITY OF**

James Teague **9-29-02**
 SIGNATURE OF CONTRACTOR AUTHORIZED AGENT OR OWNER DATE

Sewer: Septic Tank Public (name) **CITY OF**
 EXISTING OR PROPOSED USE: **Concrete Pool - No Heater**

SWORN TO and subscribed before me this **29** date of **Sept** 20 **02**
VICKI LYNN CLAESSON
 MY COMMISSION # **DD 109870**
 State of Florida
 EXPIRES: **December 25, 2005**
 My Commission Expires:
 1-800-3-NOTARY FL Notary Service & Bonding, Inc.

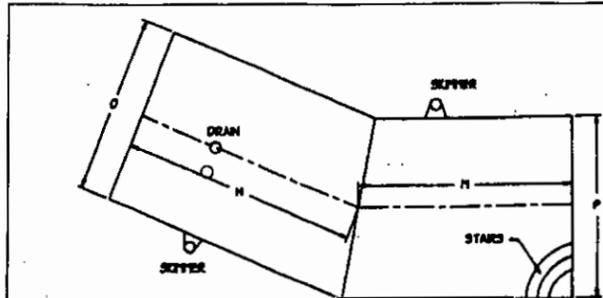
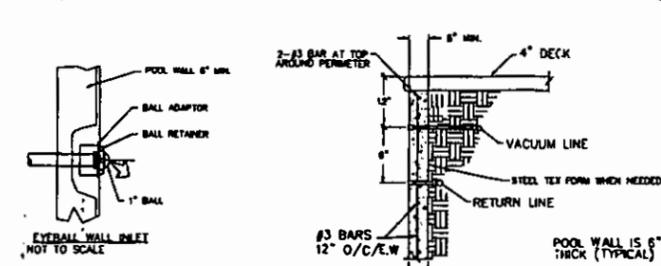
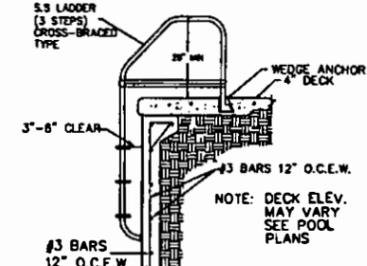
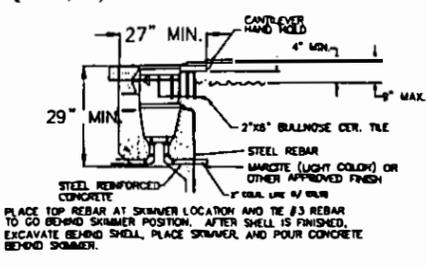
SIZE OF PROPERTY (square feet): Is any portion of this property located within a water body? Yes No TOTAL VALUE OF WORK: **\$ 17,398.00**

CLASS OF WORK 1 Erect 2 Repair 3 Remodel 4 Addition 5 Move 6 Demolish 7 Other (Specify)

SPECIAL APPROVALS	REQUIRED	RECEIVED	TYPE OF CONST.	OCCUPANCY	PRINCIPAL FRAME OF:
Zoning			<input type="checkbox"/> I	<input type="checkbox"/> Assembly	<input type="checkbox"/> Wood <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Other
Health Dept.			<input type="checkbox"/> II	<input type="checkbox"/> Business	<input type="checkbox"/> Masonry <input type="checkbox"/> Steel <input type="checkbox"/> Alum
Fire Dept.			<input type="checkbox"/> III	<input checked="" type="checkbox"/> Education	NO. OF STORIES: NO. OF UNITS:
Engineering			<input type="checkbox"/> IV	<input type="checkbox"/> Hazardous	SIZE OF BUILDING (Total Sq. Ft.):
Driveway			<input type="checkbox"/> IV-1 HR	<input checked="" type="checkbox"/> Factory/ Industry	ROOFING TYPE(S): <input type="checkbox"/> Composition or Wood Shingles <input type="checkbox"/> Built-up <input type="checkbox"/> Metal <input type="checkbox"/> Other
DOT			<input type="checkbox"/> V	<input type="checkbox"/> Institution	OCCUPANCY IS FOR: <input type="checkbox"/> Hazardous <input type="checkbox"/> Non-Hazardous Material
Base Flood Elev.			<input type="checkbox"/> V-1 HR	<input checked="" type="checkbox"/> Mercantile	
Finished Floor			<input type="checkbox"/> VI	<input type="checkbox"/> Residential	
			<input type="checkbox"/> VI-1 HR	<input type="checkbox"/> Storage	

Zoning **Rud 89-43** Map # **20** C.T. **14998** COMMERCIAL JOBS ONLY: Seating Capacity **5/15** Parking Spaces **3**
 Land Use **RL** Impact Dist. **1** Minimum Required Setbacks from Property Line: Side: **5'** Rear: **5'** Front: **5'** Plans Checked By: **9-30-02** Approved for Insurance By: **9-30-02**

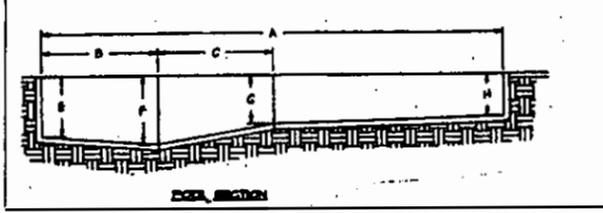
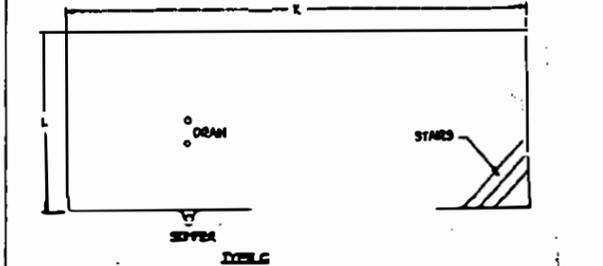
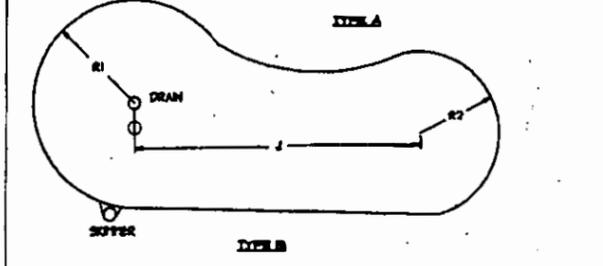
PERMIT FEES								
ZONING 1300	BUILDING 7950	ENERGY	ELECTRICAL 3000	PLUMBING	MECHANICAL	IRRIGATION	PLAN REVIEW	FPA
FIRE ASSESS.	FIRE INSPECT	RADON	DRIVEWAY	COMM. SITE NOC	COMM. DWAY	SURFACE WATER	SOLID WASTE	GAS CODE
COUNTY WIDE	COLLECTOR	EMS	CORRECTIONS	500				



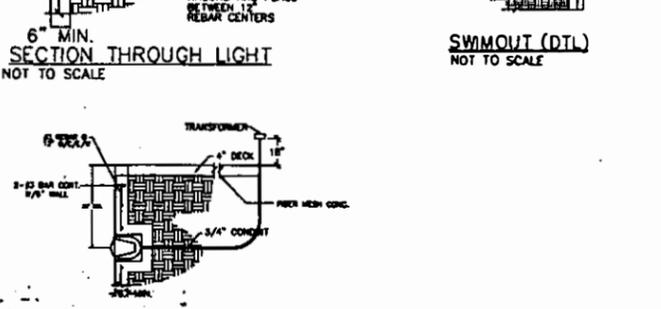
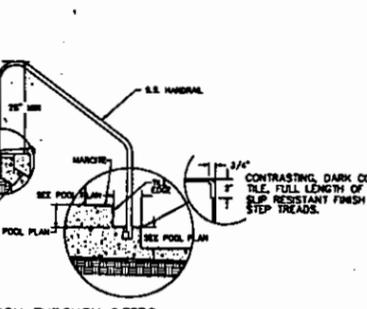
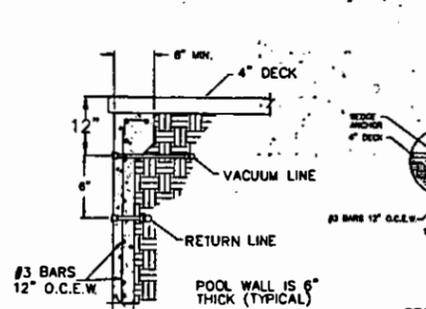
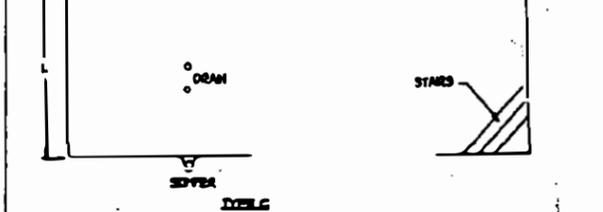
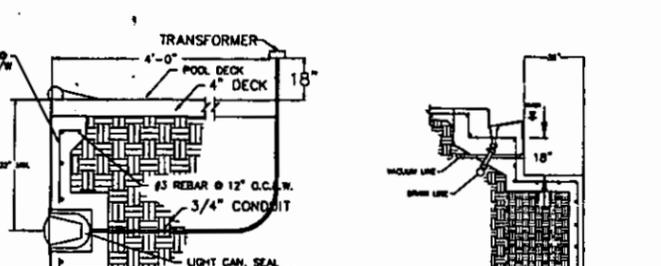
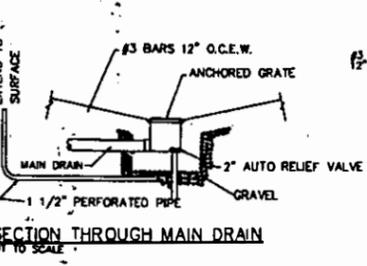
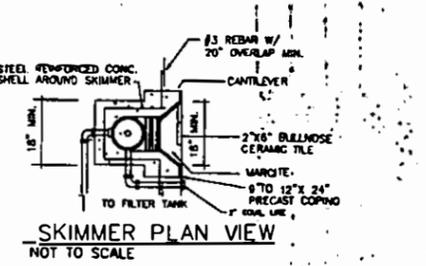
SKIMMER DETAIL
NOT TO SCALE

LADDER DETAIL
NOT TO SCALE

ALTERNATE BEAM V
NOT TO SCALE



- NOTES:
- CONCRETE SHALL BE PNEUMATICALLY PLACED, GRADE A, 3500 PSI AT 28 DAYS OR SHALL BE MACHINE MIXED, GRADE A, 3500 PSI AT 28 DAYS
 - REINFORCING BARS SHALL CONFORM TO ASTM A630-88 AND A630-88T.
 - POOL AREA SHALL BE FENCED PER COUNTY OR CITY ORDINANCE.
 - WHEN POURED, SET DOWN CONCRETE SHALL FINISH DAILY FOR 7 DAYS.
 - DO NOT TURN OFF POOL LIGHT WHEN POOL IS EMPTY.
 - DO NOT INSTALL LIGHT UNTIL COUPLING IS INSTALLED. MOUNT JUNCTION BOX ABOVE GRADE OUTSIDE DECK. LIGHTS SHOULD BE 12V AND INSTALLED TO MEET BUILDING CODES. IF 110V LIGHT IS USED, A G.F.A. OUTLET OR TRANSFORMER TO STEP THE VOLTAGE DOWN TO 12V MUST BE USED.
 - LOCATION OF POOL ON SITE PLAN MUST MEET LOCAL CODE REQUIREMENTS FOR SETBACK CLEARANCES.
 - BEFORE CONCRETE SHOULD BE CHECKED FOR ADEQUACY IN SUPPORTING THE POOL SHELL.
 - SOIL MUST BE COMPACTED IN 12" LAYERS BETWEEN POOL SHELL AND EXCAVATION LINE FOR POOL SHELL.
 - NUMBER 3 REBAR MAY BE USED IN BOND BEAMS FOR POOLS NOT EXCEEDING 150 FEET IN PERIMETER OR 2074 SQ. FT. IN POOLS WITH PERIMETERS GREATER THAN 130 FEET. USE NUMBER 4 REBAR IN THE BOND BEAM.
 - THE REBAR IN THE BOND BEAM MUST HAVE A MINIMUM OF 3 INCHES OF COVER AND A MINIMUM OF ONE INCH CLEARANCE BETWEEN.
 - LETTER REBAR SHALL NOT EXCEED 48 FEET FOR USE OF NUMBER 3 REBAR IN THE BOND BEAM.
 - FRIBROGLASS MESH SHALL BE PLACED IN THE DECK AROUND THE POOL SHELL.
 - A BOND BEAM WHICH IS AN INTEGRAL PART OF THE POOL SHELL MUST BE IN ALL CONCRETE SHELL POOLS. THIS MEANS THAT THE REBAR MUST BE IN THE TOP PORTION OF THE SHELL ALL THE WAY AROUND THE POOL.
 - A MINIMUM WALL THICKNESS OF 8 INCHES IS REQUIRED FOR ALL CONCRETE WALL SHELLS.
 - SOME SPECIAL VARIATIONS IN BASIC POOL REQUIREMENTS MAY BE ALLOWED; HOWEVER, A SIGNED LETTER FROM THE ENGINEER WILL BE NECESSARY.
 - FOR SWIMMING POOLS, THE SIZES OF DIMENSIONS "W" AND "D" MUST BE A MINIMUM OF 18 FEET AND OVERSHOOT "T" MUST BE A MINIMUM OF 7'-6".
 - IF THE MAXIMUM SEASONAL HIGH WATER TABLE IS AT OR ABOVE THE BOTTOM ELEVATION OF THE POOL SHELL, AN 8" MIN. GRAVEL BED WITH A 2" PERFORATED PIPE PLUMBED TO THE SURFACE MUST BE INSTALLED THROUGHOUT THE DEEP END. THIS SYSTEM WILL PROVIDE DRAINAGE FOR WATER UNDERNEATH THE POOL. IN THE EVENT THE POOL MUST BE DRAINED, THE GRAVEL CAN HAVE A 1" MAX. DIAMETER.
 - THE CONSTRUCTION TECHNIQUE USED TO PLACE THE SKIMMER IN A CUT AREA AT THE POOL EDGE AND CLIMBING THERE IS NO STRUCTURAL LOADING ON THE SHELL AREA.
 - AN AREA IN THE TOP OF THE POOL SHELL AND DECK MAY BE CUT IN THE HORIZONTAL PLANE AND THE SKIMMER PLACED WITH ONE REBAR GOING AROUND THE REAR FACE OF THE SKIMMER. NO REBAR IS REQUIRED TO GO BENEATH THE SKIMMER IN THE DECK.
 - HARD WIRE ALARMS OR CHILD FENCING IS REQUIRED ON ALL POOLS.
 - SEE PLAN FOR CHILD FENCING, REFER TO SITE PLAN FOR DETAILS.
 - 2 MAIN DRAINS, MIN. 3" APART W/VACUUM BREAKER ARE REQUIRED TO MEET CURRENT REQUIREMENTS.
 - PROTECT THE OPEN END OF THE VENT WITH AN INSECT-SCREEN(1/8" OPENINGS) SECURE THE INSECT SCREEN WITH A STAPLED STEEL CLAMP AND PAINT ALL EXPOSED PVC PIPING WITH AN UV-INHIB FOR PAINT.



SKIMMER PLAN VIEW
NOT TO SCALE

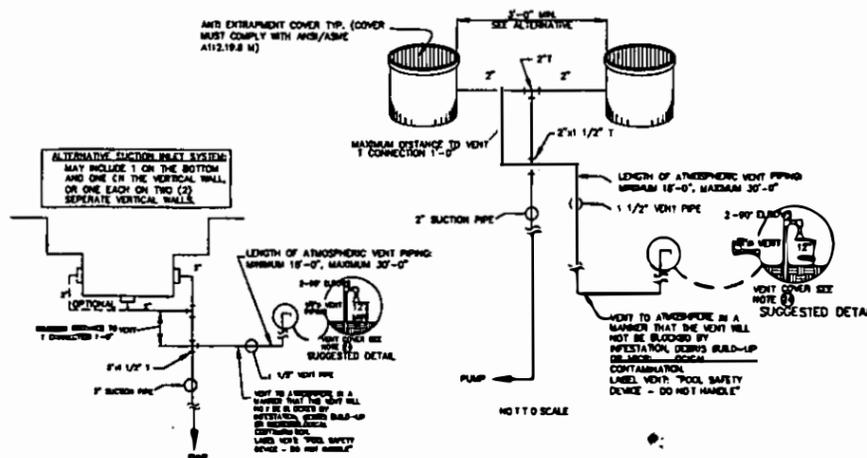
SECTION THROUGH MAIN DRAIN
NOT TO SCALE

SECTION THROUGH LIGHT
NOT TO SCALE

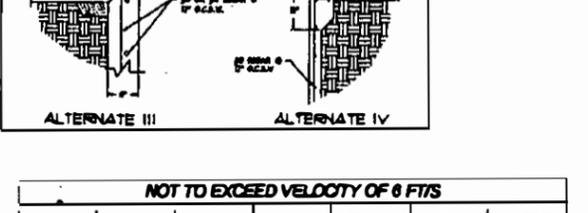
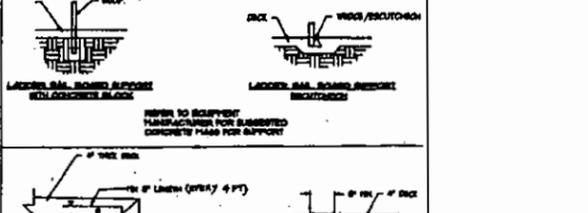
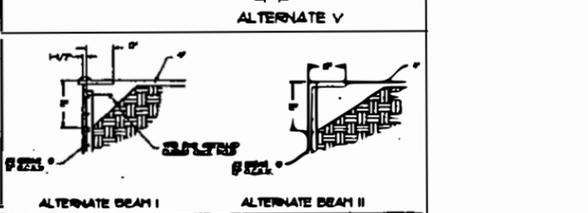
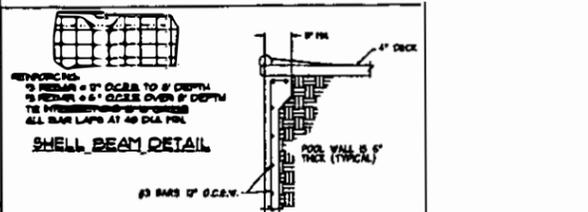
SWIMMOUT (DTL)
NOT TO SCALE

PLEASE NOTE:
THESE PLANS HAVE BEEN DEVELOPED OVER AN EXTENDED PERIOD OF TIME. THEY HAVE BEEN ENGINEERED TO CONSIDER MATERIALS, CRAFTSMANSHIP AND DEVIATIONS THEREOF. PROJECT ENGINEERING HAS OBSERVED FAILURES DUE TO IMPROPER WORKMANSHIP AND DEVIATIONS IN MATERIALS. PROJECT ENGINEERING ATTEMPTS TO ACCOUNT FOR THESE VARIATIONS IN THE DESIGNS AND HOPES THE BUILDERS WILL NOTIFY US WHEN MODIFICATIONS ARE REQUIRED. STRUCTURE MAY VARY IN DETAIL DEPENDING ON THE CONDITIONS SURROUNDING THE AREA IN QUESTION. IN MOST CASES, A BEAM IS REQUIRED AROUND THE PERIMETER OF THE POOL SHELL THAT IS CAPABLE OF CARRYING OUTWARD BONDING FROM THE WATER PRESSURE INSIDE THE POOL WITH NO SOIL SUPPORT AND TO SUPPORT THE EXTERNAL SOIL PRESSURE WHEN THE WATER IN THE POOL IS ABSENT. REFER TO THE BOND BEAM DETAILS AND NOTE 11 ON THIS PAGE. WHEN PROJECT ENGINEERING SIGNS AND SEALS THESE PLANS, WE EXPECT THE BUILDING DEPARTMENTS WILL INSPECT THE FINISHED PRODUCT TO ASSURE THAT THE STRUCTURE CONFORMS TO THE APPROVED PLANS.

APPROVED SWIMMING POOL, SPA AND WADING POOL DUAL MAIN DRAIN ATMOSPHERIC VENT ARRANGEMENT COMPLIANT WITH 424.2.6.6 OF THE FLORIDA BUILDING CODE



THE ACTUAL SUCTION ENTRAPMENT ATMOSPHERIC VENT WAS ACCOMPLISHED. THE MAXIMUM VACUUM WITH ONE SUMP PLUGGED AND A BODY ENTRAPMENT ON THE OTHER SUMP NEVER EXCEEDED 4.5" OF MERCURY. THE ENTRAPMENT RELEASED IN LESS THAN THREE (3) SECONDS.



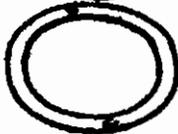
NOT TO EXCEED VELOCITY OF 6 FT/S

TEST	PUMP	PIPE	GPM	DRAIN DEPTH	VENT LENGTH	SUCTION LENGTH
1	2HP	1.5	38	7"	30"	50"
2	2HP	2	63	7"	30"	50"
3	2HP	2	38	3" SPA	30"	50"
4	3HP	1.5	38	7"	30"	50"
5	3HP	2	63	7"	30"	50"
6	3HP	1.5	38	3" SPA	30"	50"
7	3HP	2	63	7"	30"	50"
8	3HP	2	63	3" SPA	30"	50"
9	3HP	3	138	7"	30"	50"
10	3HP	3	138	3" SPA	30"	50"

SHEET NO. 1 OF 1
JOB NO. 863-669-142
LICENSE NUMBER: RP067157
PHONE #: 863-669-142
TITILE BLOCK: STANDARD POOL PLAN (EXPIRATION DATE): 12/31/2002
POOL CONTRACTOR / HOMEOWNER & ADDRESS:
AMERICAN POOL BUILDERS
1422 LONGOAK DR. N.
LAKELAND, FLORIDA 33811
PROJECT ENGINEERING
740 FLORIDA CENTRAL PKWY. SUITE 2032
LAKE WORTH, FLORIDA 33464
TEL: (407) 830-7413 FAX: (407) 830-1450
DRAWN BY: BRYAN CHAM
REVISIONS: 1/7/2002
1 DONALD E. P... (E.I.)
2 BRYAN CHAM... (E.I.)
3
4
5
6
SCALE: 3/32" = 1'
ENGINEER SIGNATURE
(MASTER FILE)

SP1048RKIT

Instructions for installing Hayward Main Drain Accessory Kit into Hayward Main Drains SP1092AV, SP1094AV, SP1051AV, SP1052AV, SP1053AV & SP1054AV



- Remove existing cover from main drain, if presently in place.
- Place gasket provided with Main Drain Accessory Kit on the rim within the main drain, lining up holes in gasket with holes on main drain.
- Insert Main Drain Accessory Kit into main drain with beveled side facing side part of main drain. This is the only position the Main Drain Accessory Kit will fit into the main drain and be securely in place against the gasket. Make certain gasket is seated correctly before proceeding.
- Screw the body of the Main Drain Accessory Kit into place with two (2) 1-inch screws provided.
- Place cover of Main Drain Accessory Kit onto housing, aligning the legs on the bottom of the cover so they push down on the ears of the flapper, pushing the flapper open. The wording on cover will be read right side up when looking at the main drain from the side part. This is the only way the Main Drain Accessory Kit cover will fit into place on the main drain.
- Remove the warning label from the cover of the Main Drain Accessory Kit, exposing the second screw hole, and screw cover into place with two (2) 1-1/4 inch screws provided. Make certain screws engage in rim of Main Drain Accessory Kit. Tighten securely.

Instructions for installing Hayward Main Drain Accessory Kit into Hayward Main Drains SP1153AV & SP1154AV

- Remove existing cover from main drain, if presently in place.
- Place gasket provided with Main Drain Accessory Kit on the rim within the main drain, lining up holes in gasket with holes on main drain. The gasket will fit loosely within rim of main drain. Make certain gasket is seated correctly before proceeding.
- Insert Main Drain Accessory Kit into main drain, lining up screw holes on Main Drain Accessory Kit with the screw holes on main drain. Main Drain Accessory Kit can be oriented in any position for this application.
- Screw the body of the Main Drain Accessory Kit into place with two (2) 1-inch screws provided.
- Place cover of Main Drain Accessory Kit onto housing, aligning the legs on the bottom of the cover so they push down on the ears of the flapper, pushing the flapper open.
- Remove the warning label from the cover of the Main Drain Accessory Kit, exposing the second screw hole, and screw cover into place with two (2) 1-1/4 inch screws provided. Make certain screws engage in rim of Main Drain Accessory Kit. Tighten securely.

Tested in accordance with ASTM F1487 Standard A112.18.2014

U.S. Listed Section Listing 9801102 GP04

NOTE: DO NOT ATTEMPT TO REPAIR OR REPLACE THE MAIN DRAIN ACCESSORY KIT FLAPPER ASSEMBLY. PLEASE CONTACT YOUR LOCAL SUPPLIER/POOL DEALER FOR ASSISTANCE.

HAYWARD RECOMMENDS THE USE OF ITS MAIN DRAIN ACCESSORY KIT SP1048RKIT TO REDUCE THE RISK OF ENTRAPMENT OR EVISCERATION!

SAFETY INSTRUCTIONS

- Never operate a pool without all main drain covers **SECURELY** in place.
- **FAILURE** to ensure main drain covers are **SECURELY** attached could result in **SERIOUS BODY INJURY** or **DEATH**.
- Use **ONLY** the correct Hayward stainless steel screws to secure cover. If screws are lost, order replacements from your supplier.
- Building codes require **TWO** functioning pool drain/suction outlets. If existing installation has only one main drain/suction outlet, Hayward Main Drain Accessory Kit SP1048RKIT is recommended.

The pool shall not be operated if the suction outlet cover is missing, lost or secured in such a way that it can be removed without the use of tool. If the suction outlet system, such as a filtration system, backwash system, automatic cleaning system, solar system, etc., has a single suction outlet or multiple suction outlets which can be isolated by valve, each suction outlet shall protect against further entrapment by either:

- An anti-vortex cover,
 - A twelve inch by twelve inch (12" x 12") or larger grate,
 - Other means, (e.g. Hayward Main Drain Accessory Kit SP1048RKIT)
- CAUTION:** All drains must be installed according to applicable code and standards in effect at time of installation.

The open area of the grate must be at least four (4) times the area of the pipe, or provide sufficient area so the maximum velocity of the water passing through the grate will not exceed two feet (2) per second. With anti-vortex type outlets, entrance velocities may increase to six feet (6) per second!



HAYWARD POOL PRODUCTS, INC.

Hayward Pool Products, Inc.
6901 Edinburg Avenue

Hayward Pool Products, Inc.
3075...

Hayward Pool Products Canada

Hayward S.A.

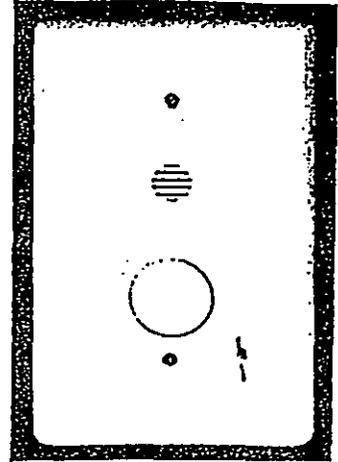
MUST BE IN PLAN PACK

POOL ALARM



CLOSED LOOP

- ✦ Exceeds Operational Requirements of UBC and BOCA
- ✦ Microprocessor Controlled
- ✦ Monitors Entry to Pool and Spa Areas
- ✦ Instant On or 7 Second Delay Models Available
- ✦ Surface or Flush Mount Models
- ✦ Remote Sounders and Shunt Options
- ✦ Low Battery Indicator
- ✦ Optional A or C Form Relay Output Upon Request
- ✦ Built-in Back-up Battery Capable



Recessed

The new GRI DOOR ALERT/POOL ALARM was designed as an aid for prevention of an unattended access to a pool/spa area by a small child. Monitoring all doors or windows with CLOSED LOOP magnet reed switches, the DOOR ALERT/POOL ALARM will sound an alarm should anyone too small to manage the adult pass thru feature attempt access to the pool/spa area. For maximum protection all moveable openings should be protected in such a manner by the GRI DOOR ALERT/POOL ALARM.

The 289-1, 289-2, 289-3 and 289-4 can be operated independently with an on-board 9 volt battery or with a 12 volt externally supplied DC power source, in which case the battery will perform a back-up function should the externally supplied source fail for any reason. Both power sources have been designed to maintain a minimum sound pressure level of 85db at 10'. Estimated battery life is approximately 180 days based on no alarm soundings during that time lapse. Should the battery voltage drop below 7 volts, a low battery mode will be initiated and the unit will sound 3 beeps approximately every 30 minutes for one to two weeks prior to total battery failure. Battery must be replaced at this time, and the cause of power failure determined and restored.

NOTE: Unit will function at minimum 5VDC at a very limited sounder volume. This power level is considered total battery failure.

CAUTION: To prevent a memory failure or circuit damage, external power source not to exceed 15 VDC

PART NUMBERS	DESCRIPTION
289-1	Recessed Door Alert/Pool Alarm 7 Second Delay - Closed Loop
289-2	Surface Mount Door Alert/Pool Alarm 7 Second Delay - Closed Loop
289-3	Recessed Door Alert/Pool Alarm - Instant On - Closed Loop
289-4	Surface Mount Door Alert/Pool Alarm - Instant On - Closed Loop

WARNING: THIS IS NOT A LIFE SAVING DEVICE.



MADE IN U.S.A.