



NESPA
TILED SPAS

Production Booklet

for

Grand at Diamond Beach SPA

2800 Richter Ave. Suite C, Oroville, CA 95965 • **voice:** (530)534-9910
fax: (530)534-9915 • **email:** sales@tiledspas.com • **website:** www.tiledspas.com



RECOMMENDED MAINTENANCE

Please Note:

These are only recommended guidelines to care for a Nespa all tiled spa. Local codes may require additional procedures, therefore consult with a pool professional that is LA county Health Department certified for more information on local codes and requirements.

SPA SURFACE

Your spa tile is acid resistant and frost-proof. The Tile does not absorb germs or algae. Tile does not stain and is very easy to clean. Color does not fade or lose its luster. All grouts are epoxy based and are extremely durable. To remove scum line use soft nylon brush and small amounts of biodegradable soaps. Do not use abrasive brushes or chemicals.

MAINTENANCE

A. CHEMICALS:

- 1) It is important to maintain a chlorine residual of 2 PPM in the spa. That residual can be provided by chlorine or bromine.
- 2) It is recommended to use Bromine or dichlor (granular) forms of chlorine. If bromine Tabs are used we suggest floating or inline dispenser.
- 3) Never use acid to lower Ph in the tile spa.
- 4) Never use trichlor chlorine (1" or 3") tablets in the Nespa spas.
- 5) Never place tablets in skimmer basket.

B. DRAINING THE SPA:

- 1) It is recommended to drain the spa at least once every 2 months depending on bath load and water clarity.
- 2) The spa should be drained through valve exiting re-circulation pump in the spa equipment room or sump pump.
- 3) Note: Use caution to drain spa in the winter months or rainy season when water table is at its highest. It is possible for the spa to float due to hydraulic pressure from surrounding water table. We advise that you consult with your local spa specialist prior to draining the spa.

C. SPA EQUIPMENT:

- 1) Clean filter cartridge at least once every month, or when needed; i.e., if water clarity does not improve after several days.
- 2) Keep area free and clear from leaves and debris build-up.
- 3) Keep area free and clear from flooding.

D. SPA LIGHT:

- 1) Spa light has to be on GFCI circuit. It is controlled at spa side with ON/OFF.

E. TILE SERVICING:










- 1) Contact manufacture when servicing tile or grout. @ (530) 534-9910

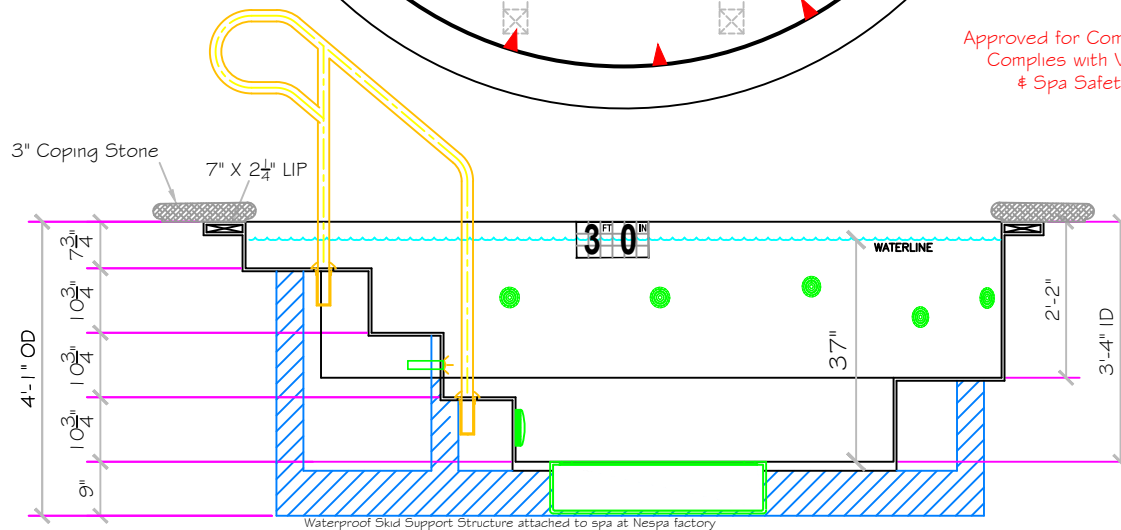
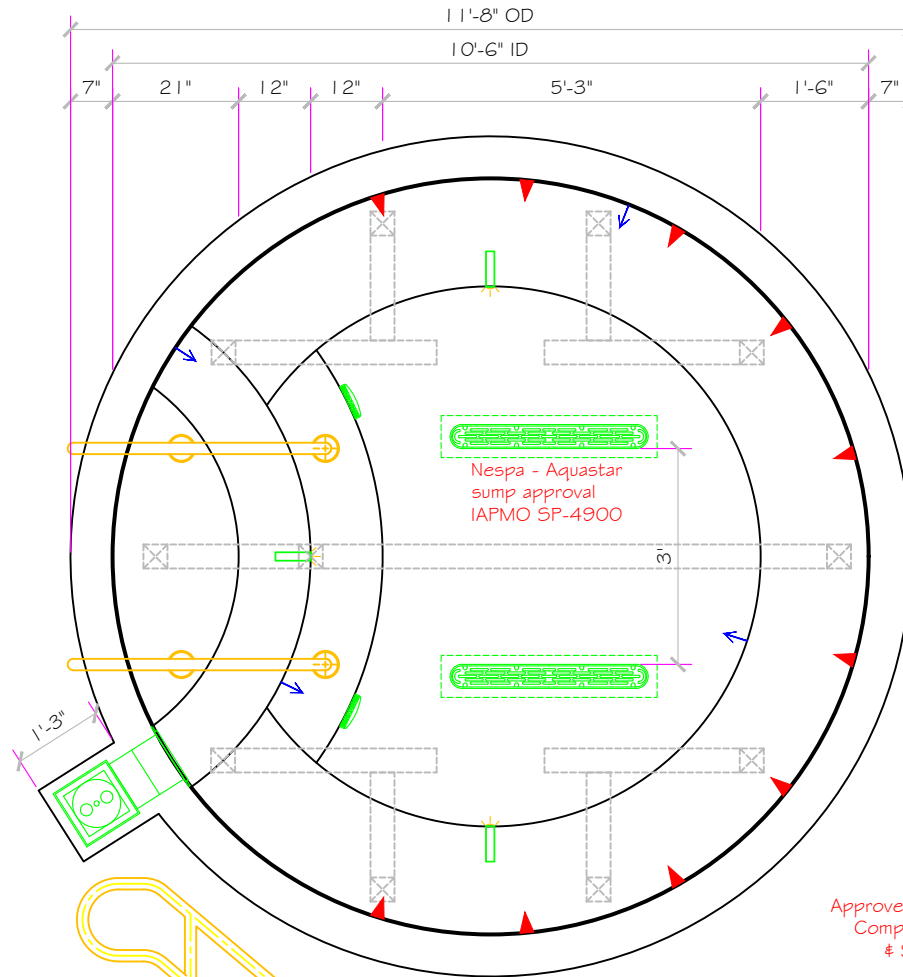
SPECIFICATIONS	
SHELL WEIGHT:	3300 LBS.
WATER WEIGHT:	12597 LBS.
TOTAL SHELL & WATER WEIGHT:	15896.9 LBS.
WATER VOLUME:	202 Cu.Ft.
WATER GALLONS:	1511 GAL.
SURFACE AREA:	86.6 SQ. FT.
ICC ES LISTED #:	PMG-1161

NESPA ENTERPRISES, Inc.



ICC ES Listed
PMG-1161

WATERPROOF SKID SUPPORT STRUCTURE ATTACHED TO SPA AT NESPA FACTORY	
<input checked="" type="checkbox"/>	*SKIDS SUPPLIED BY NESPA
LIGHT NICHE	
	SPA BRIGHT, 120 V, 100 WATT, 50' CORD, U.L. APPROVED
MAIN DRAIN	
	AquaStar 32CDFLR, 32" Channel Drain, Approved Max Flow Rate: Floor = 236 GPM @ 3.4 fps Wall = 136 GPM @ 1.9 fps Complies w/ ANSI / ASME A112.19.8 & NSF / ANSI 16-2011
MAIN DRAIN SUMP	
	Nespa Aquastar Approved Sump IAPMO Approval # SP4900
SIDEWALL SUCTION	
	Paramount SDX 10" HIGH FLOW SAFETY DRAIN Area of Opening = 43.201 in/sq Floor = 200 GPM @ 1.485 fps Wall = 192 GPM @ 1.426 fps V.G.B Approved Safety Drain
EQUALIZER	
	6" Round Hockey Puck AquaStar 6PHHxxxx Sumpless Suction Outlet Floor 177 GPM Wall 122 GPM Complies w/ ANSI / ASME A112.19.8 & NSF / ANSI 16-2011
SKIMMER	
	HAYWARD SP-1084FVE SURFACE SKIMMER W/ EQUALIZERS, NSF / ANSI 50 - 2012
JET	
	HYDRO INLETS 1-1/2" WATER - 1-1/2" AIR HYDRAIR #10-5100 COMPLIES W/ ANSI CODE ASME A112.19.8-07 U.L. APPROVED
RETURN	
	INLET FITTINGS 1-1/2" WALL TYPE W/ EYEBALL HYDRAIR #10-5500 COMPLIES W/ ANSI CODE ASME A112.19.8-07 U.L. APPROVED
FILL	
	INLET FITTINGS 1-1/2" WALL TYPE W/ EYEBALL HYDRAIR #10-5500 COMPLIES W/ ANSI CODE ASME A112.19.8-07 U.L. APPROVED



Approved for Commercial use
Complies with VGB Pool
Spa Safety Act

APPROVED

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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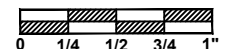
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E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



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Page Scaling: None

SCALE
3/8" = 1'



DWG NAME GRAND AT DIAMOND BEACH

DATE 9/14/2015

DWG TYPE SD
SHEET PAGE 1 OF 6

- 60% - Dal D-169 Waterfall - 1" x 1"
- 30% - Dal D-148 Spa - 1" x 1"
- 10% - Dal D-335 Almond - 1" x 1"
- #1 - FIELD TILE: _____
- #2 - WATERLINE (optional): _____
- #3 - BENCH & STEP EDGES Trim is 2" Dal Bullnose – D-023 Galaxy
(optional): _____
- #4 - TILED LIP (optional): _____

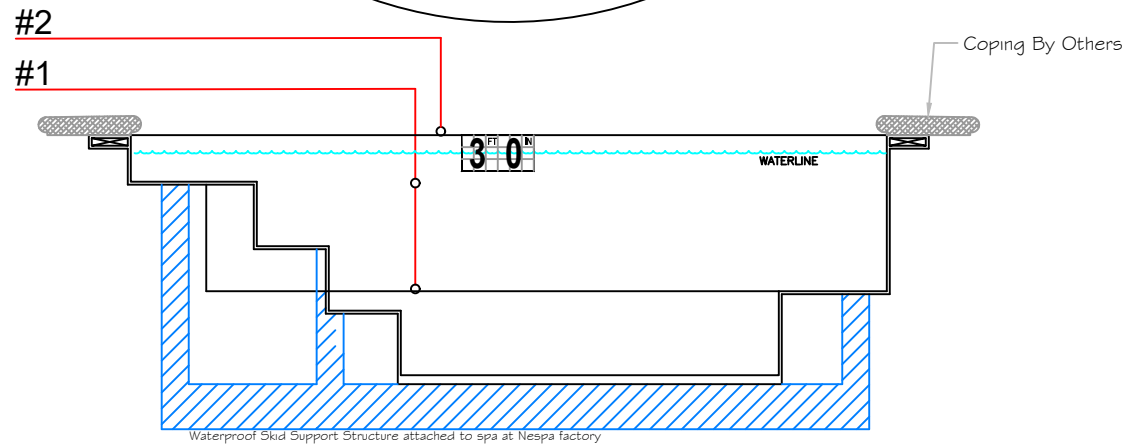
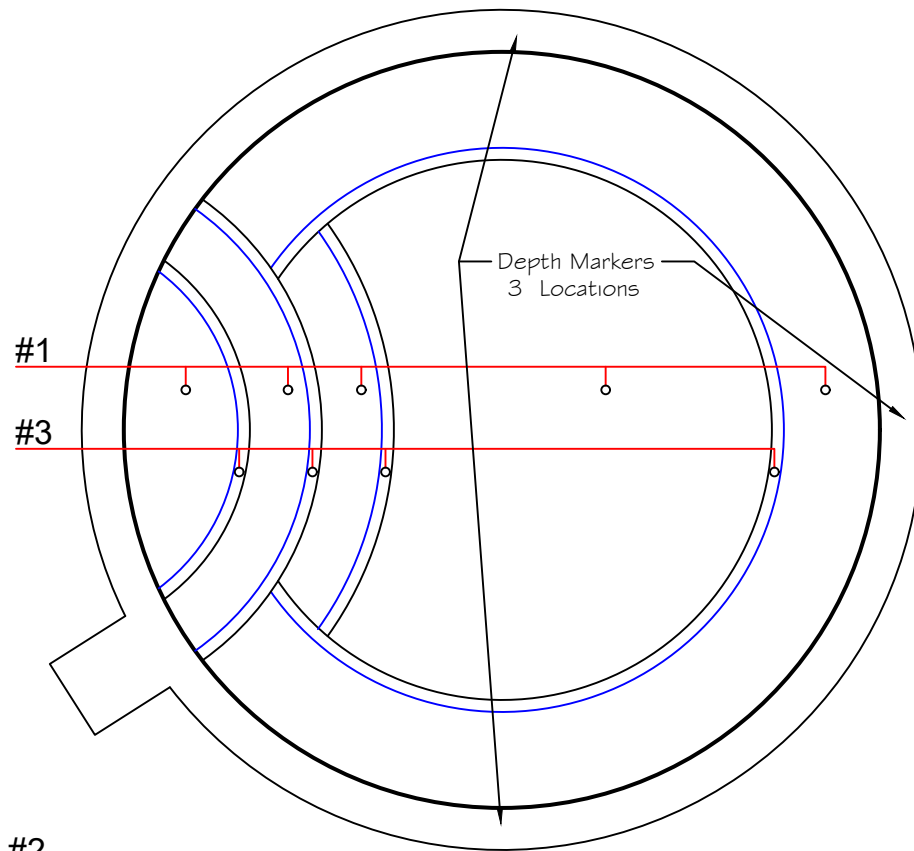
Date: _____

Approval: _____

#1 - GROUT: _____

#2 - GROUT: _____

#3 - GROUT: _____



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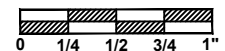
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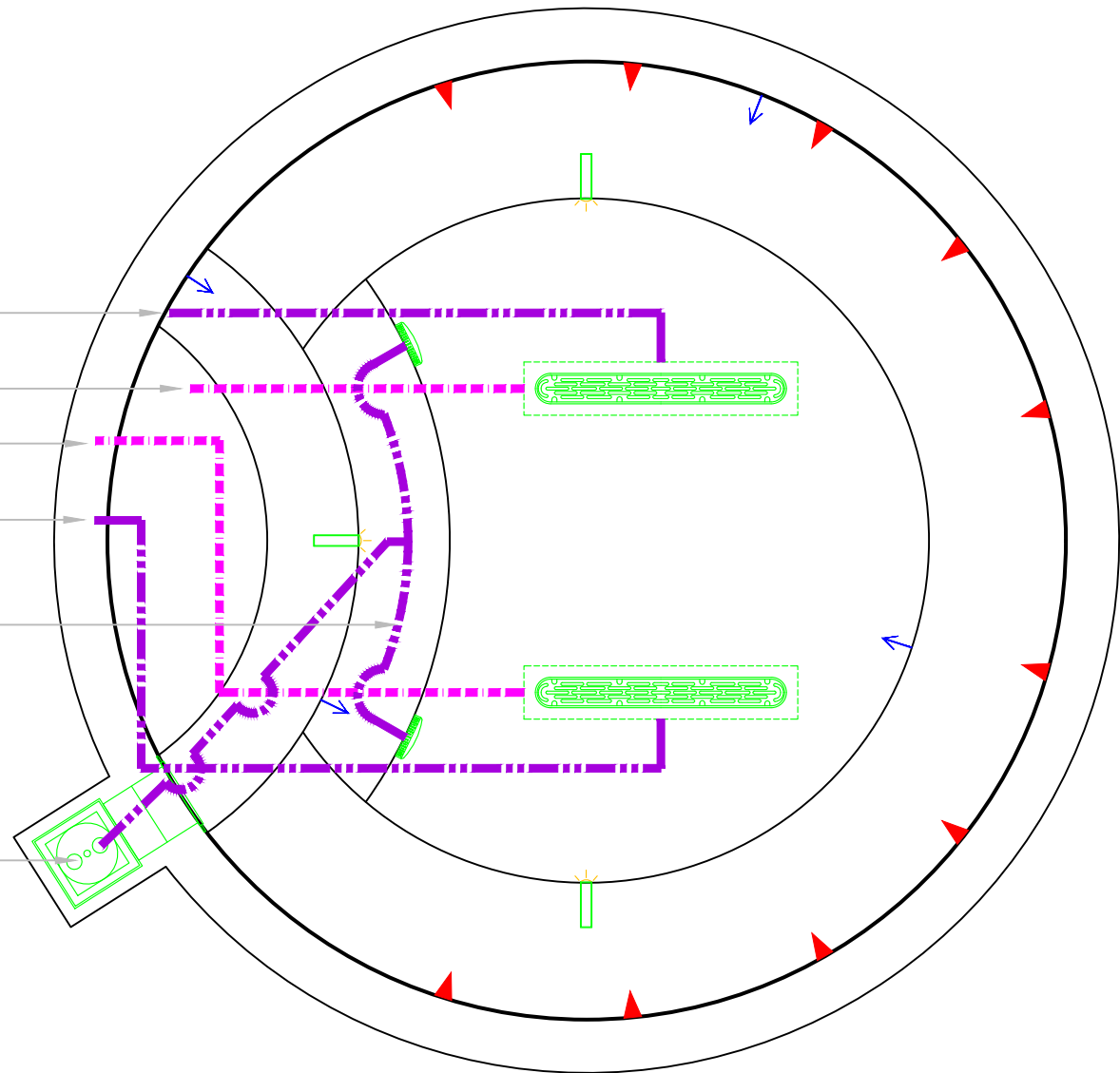


DWG NAME
GRAND AT DIAMOND BEACH

DATE
8/31/2015

DWG TYPE
TILE
SHEET
PAGE 2 OF 6

3" FILTER SUCTION
 3" BOOSTER SUCTION
 3" BOOSTER SUCTION
 3" FILTER SUCTION
 2 1/2" SKIMMER
 EQUALIZER LINE
 3" SKIMMER SUCTION



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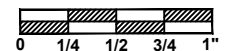
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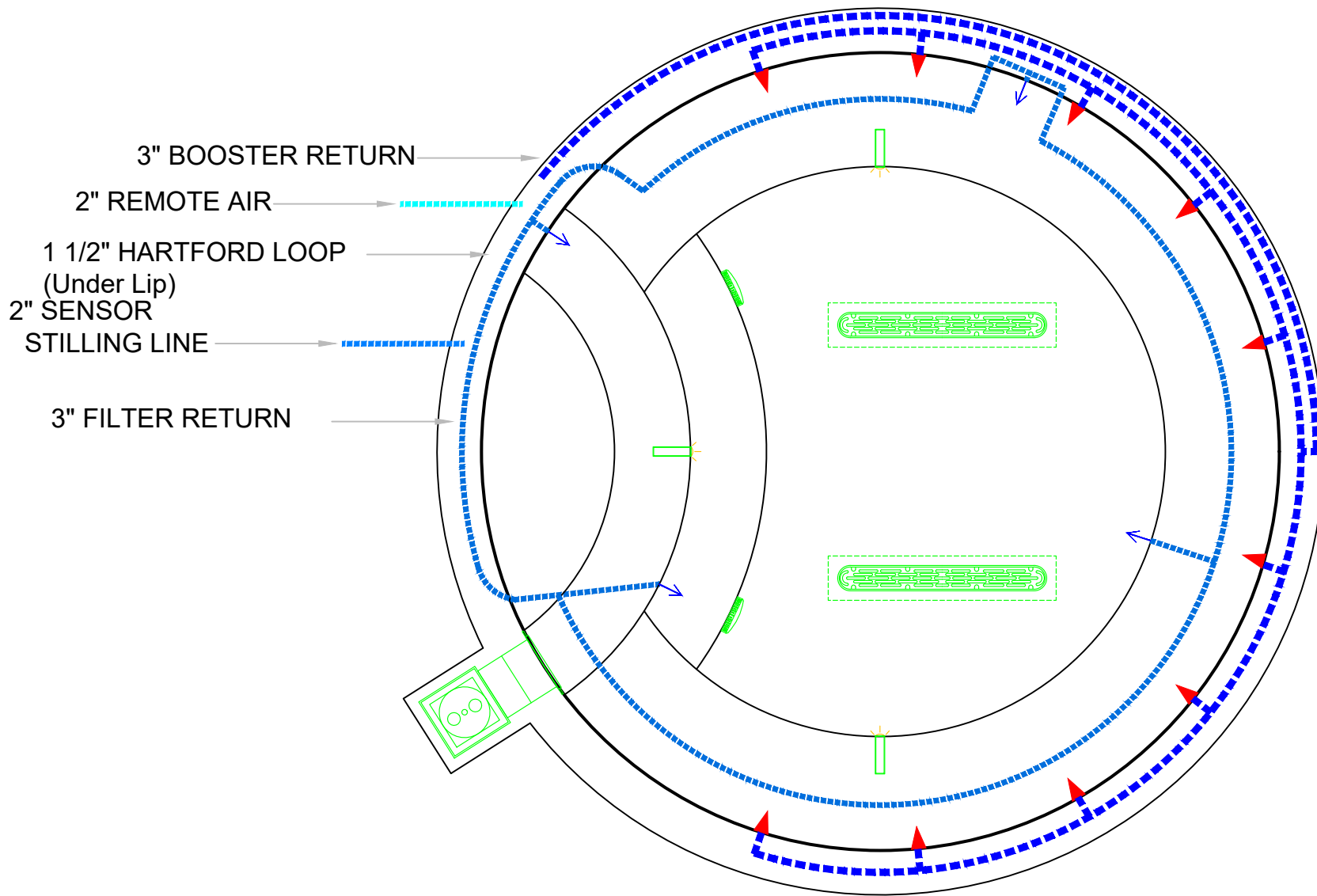
SCALE
 1/2" = 1'



DWG NAME GRAND AT DIAMOND BEACH

DATE 9/1/2015

DWG TYPE Suction Plumbing
 SHEET PAGE 3 OF 6



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ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

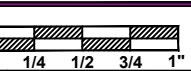
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SCALE
 1/2" = 1'



DWG NAME GRAND AT DIAMOND BEACH

DATE 9/1/2015

DWG TYPE Return Plumbing
 SHEET PAGE 4 OF 6



2" AIR VENTURI

3" FILTER RETURN

3" FILTER SUCTION

3" FILTER SUCTION

1" Light Conduit

3" BOOSTER RETURN

3" BOOSTER SUCTION

2-1/2" SKIMMER EQUALIZER LINE

3" SKIMMER SUCTION

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ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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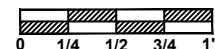
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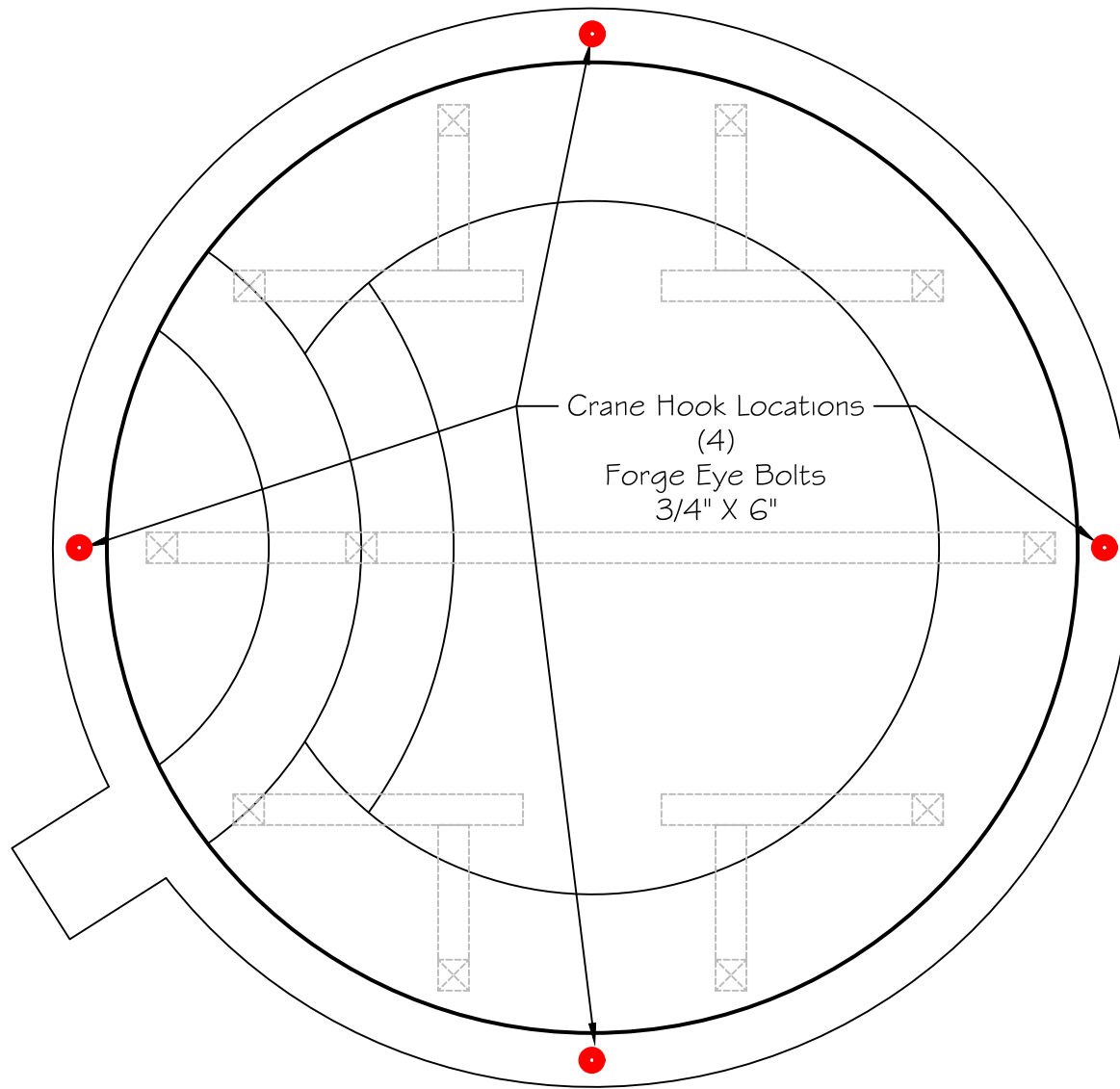
SCALE
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DWG NAME GRAND AT DIAMOND BEACH

DATE 11/13/2015

DWG TYPE
 Plumbing ID
 SHEET
 PAGE 1 OF 1



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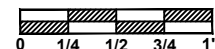
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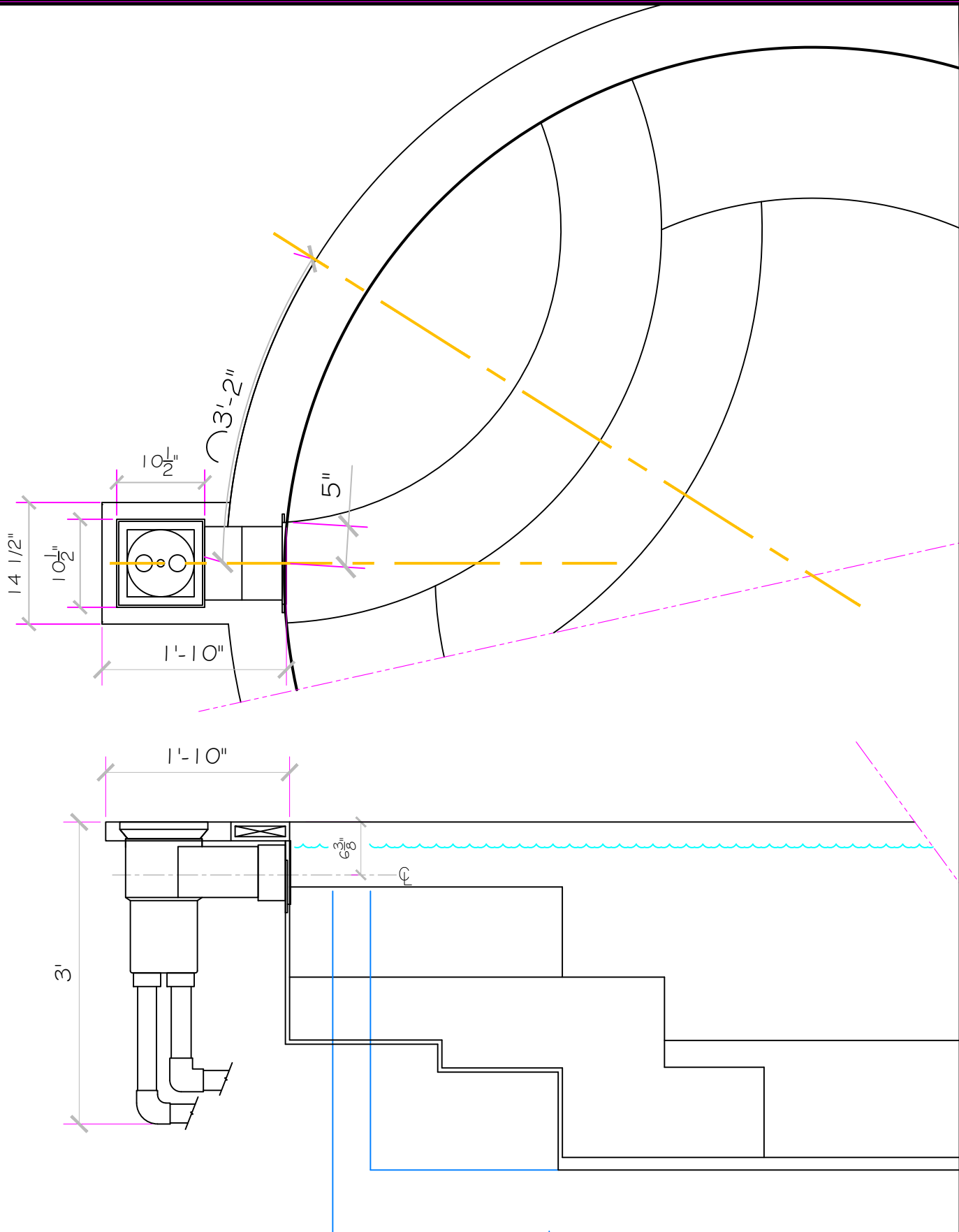
SCALE
 1/2" = 1'



DWG NAME GRAND AT DIAMOND BEACH

DATE 8/31/2015

DWG TYPE
 Crane Lift Detail
 SHEET
 PAGE 5 OF 6



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Waterproof Skid Support Structure attached to spa at Nespa factory

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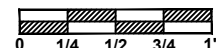
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DWG TYPE

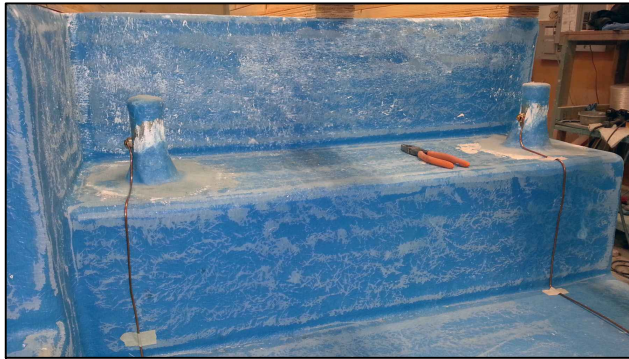
Skimmer Detail

DWG NAME GRAND AT DIAMOND BEACH

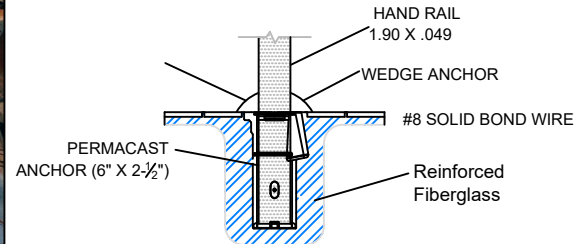
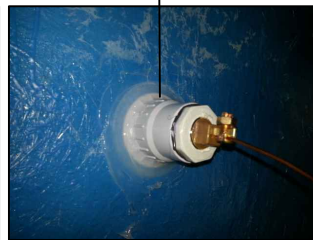
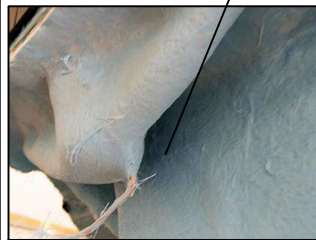
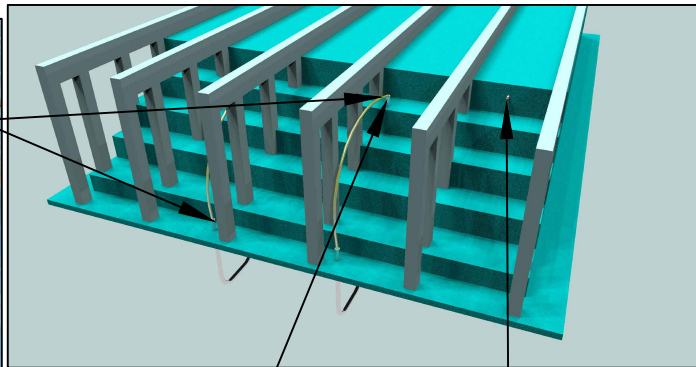
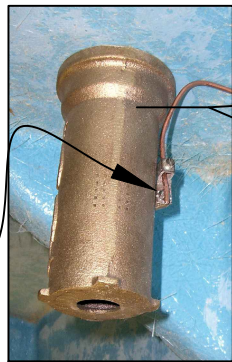
DATE 9/1/2015

SHEET PAGE 6 OF 6

BONDING DETAIL



Typical Cup Anchor



NOTE:

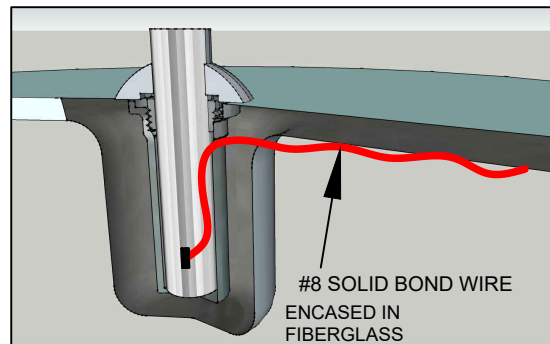
DETAIL REFLECTS ANCHOR INSTALLATION IN NESPA SHELLS ONLY.

CUP ANCHOR SHALL BE BONDED WITH A SOLID #8 COPPER BOND WIRE AND VERIFIED BY A CALIFORNIA LICENSED ELECTRICAL CONTRACTOR.

BOND WIRE WILL BE ENCASED AND COVERED IN FIBERGLASS TO PREVENT WATER LEAKAGE THRU SHELL.

BOND WIRE SHALL EXIT AT EDGE OF SPA AND ATTACH TO DECK BONDING GRID.

1 Anchor Detail



PERMACAST Swimming Pool Products
1871 Aspen Circle • Pueblo, Colorado 81008 • Phone 719-544-9544

PS-6019-BC
6 Inch Big Boy Socket

• 6" Deep Socket
• Accommodates 1.90" OD Tubing
• Uses PW-4C Wedge
• Includes Wedge, Washer, Bolt and Bonding Screw

Parts List	
QTY	Description
1	PS-6019-BC Socket Bronze
1	PW-4C Wedge
1	Stainless Steel Washer
1	5/16-18 X 1-3/4" SS Bolt
1	1C-24 x 3/8" Brass Screw

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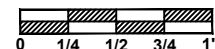
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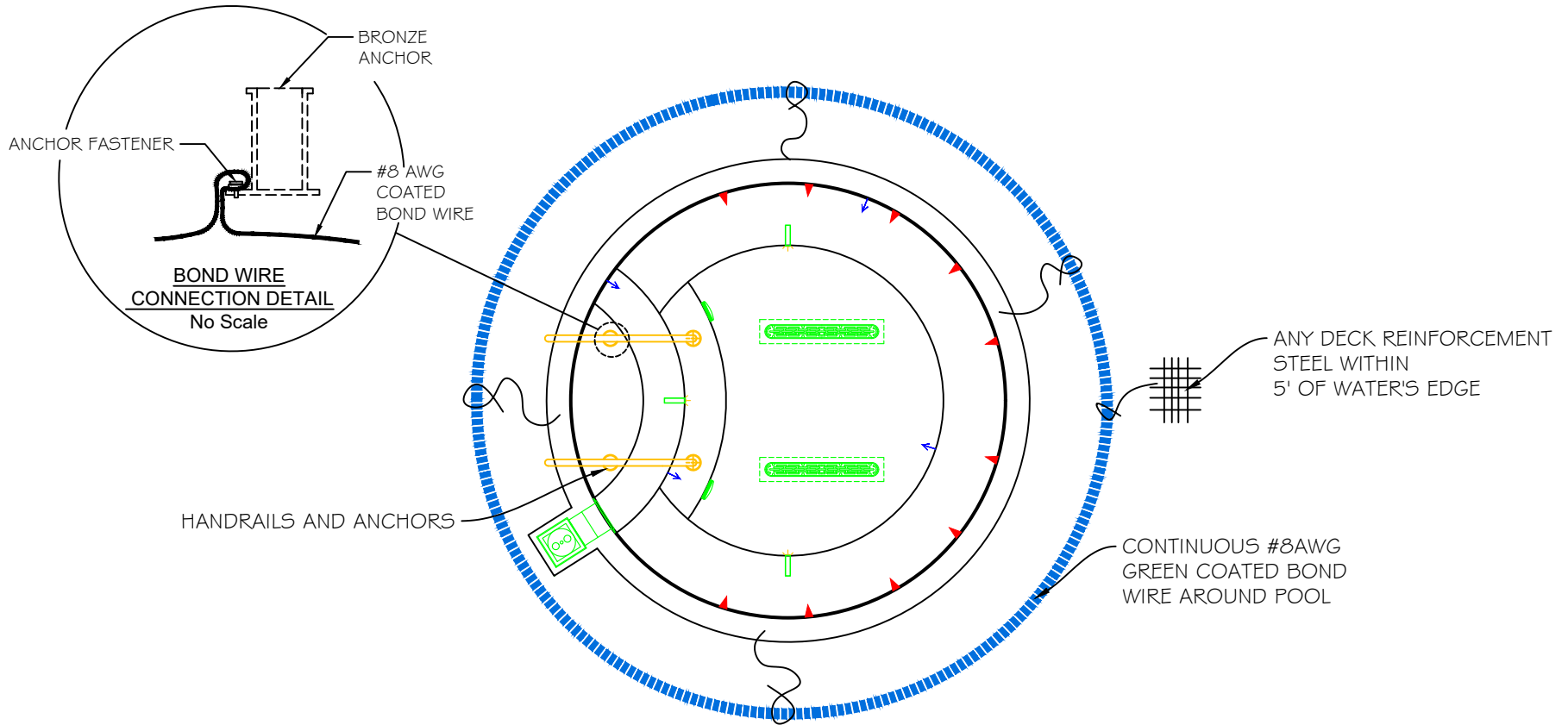


DWG TYPE
Bonding Detail

DWG NAME
GRAND AT DIAMOND BEACH

DATE
9/14/2015

SHEET
PAGE 1 OF 2

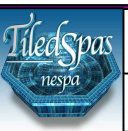


TYPICAL BONDING DETAIL

1. INSTALL PER NEC 2008, SECTION 680 REQUIREMENTS
2. USE #8 COATED TAILS OFF BOND LOOP TO EQUIPMENT AND STEEL NOT IMMEDIATELY ADJACENT TO BOND LOOP

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DWG NAME
GRAND AT DIAMOND BEACH

DATE
9/14/2015

DWG TYPE
Bonding Detail (2)

SHEET
PAGE 2 OF 2



Most Widely Accepted and Trusted

ICC-ES Report

PMG-1161

ICC-ES | (800) 423-6587 | (562) 699-0543 | www.icc-es.org

Valid: 08/15 to 08/16

DIVISION: 13 00 00—SPECIAL CONSTRUCTION
SECTION: 13 17 00—TUB AND POOLS

REPORT HOLDER:

NESPA ENTERPRISES, INC.

2800 RICHTER AVENUE, SUITE C
OROVILLE, CA 95966

EVALUATION SUBJECT:

SPA SHELL (TILE LINED FRP)



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"2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence"



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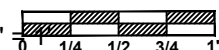


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Page Scaling:

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7'-9 235/256"



DWG TYPE

ICC

DWG NAME

GRAND AT DIAMOND BEACH

DATE

9/14/2015

SHEET

PAGE 1 OF 3

ICC-ES PMG Listing

PMG-1161



Effective Date: September 2015

This listing is subject to re-examination in one year.

www.icc-es-pmg.org | (800) 423-6587 | (562) 699-0543 A Subsidiary of the International Code Council®

CSI: DIVISION: 13 00 00 – SPECIAL CONSTRUCTION
Section: 13 17 00 – Tub and Pools

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Spa Shell (Tile Lined FRP)

Listee: Nespa Enterprises, Inc.
2800 Richter Avenue, Suite C
Oroville, CA 95966
www.tiledspas.com

Compliance with the following codes:

2015, 2012 and 2009 *International Swimming Pool and Spa Code™* (ISPSC)
2015, 2012 and 2009 *Uniform Swimming Pool, Spa and Hot Tub Code®* (USPSHTC)*

*Uniform Swimming Pool, Spa and Hot Tub Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

Compliance with the following standards:

IAPMO/ANSI Z124.7-2013, Prefabricated Plastic Spa Shells

Identification:

Each unit of Spa Shell shall be marked with manufacturer's name or trademark and ICC-ES PMG mark of conformity. Marking shall be permanent and legible so as to be visible after installation. A label shall be permanently affixed to each unit in a visible location and shall include the manufacturer's name and/or trademark, and model designation. Units manufactured as "Shell Only" shall be so identified and labeled. Unit shall be permitted to be marked "IAPMO/ANSI Z124.7" signifying compliance with the standard.

Installation:

Each unit of Spa shell shall be installed in accordance with manufacturer's published installation instructions and applicable codes.

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.



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7'-11 53/64" =

DWG TYPE
ICC (2)

DWG NAME
GRAND AT DIAMOND BEACH

DATE
9/14/2015

SHEET
PAGE 2 OF 3

Models:

Acapulco	Therapy Pool 1020-2W-CS
Acapulco II	Therapy Pool 1020-2W-Center
Acapulco III	Therapy Pool 1020-2W-ES-2RF
Acapulco IV	Nespa Pool 1020 SKM
Blackthorne	Nespa Pool 1020 GTR
Capri	Nespa Pool Infinity 825
Caribbean	Nespa Pool Infinity 1035
Corsica	Mirage 9'
Corsica-Modified	Mirage 11'
Eight Ft. Round	Mirage 13'
Imperia	Mirage 15'
Imperia II	Mirage 17'
Kidney	Monaco
Legacy Pool Series	Nespa Swim Spa 12'
Legacy 45	Nespa Swim Spa 16'
Legacy C	Nespa Swim Spa 18'
Legacy DW Series	Nespa Swim Spa 20'
Legacy M Series	Rimini
Legacy Para	Rimini Commercial
Legacy 10'	Round 7'
Legacy 12'	Round 9'
Legacy 14'	Round 11'
Legacy 16'	Serenity 12'
Legacy 18'	Six Ft. Round
Legacy 20'	Tahoe
Maxima	Ten Ft. Round
Therapy Pool	Vallarta
Therapy Pool 1016-15W-CS	
Therapy Pool 1018-2W-CS	

Tile lined, polyester resin reinforced fiberglass spa shells in various colors, sizes, and configurations. May or may not be provided with insulation. All units, whether factory or field assembled, are required to have suction fittings installed which are certified to ASME A112.19.8 for anti-hair and body entrapment. All units are listed for above or below ground installation and may be portable or permanent.

Conditions of listing:

- NESPA's Spa Shell shall be installed in accordance with manufacturer's published installation instruction and applicable codes.
- NESPA Spa Shell is manufactured in Oroville, California under a quality control program with annual inspection by ICC-ES.

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SCALE

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DWG TYPE

ICC (3)

DWG NAME

GRAND AT DIAMOND BEACH

DATE

9/14/2015

SHEET

PAGE 3 OF 3

**STANDARD NESPA
IN-GROUND INSTALLATION
INSTRUCTIONS
SET-UP AND EXCAVATION**

Prerequisites: Before installing your Nespa spa. You may be required to acquire a permit from your local State, County, and City building dept and or Health department. (Commercial jobs need Health Dept. Approval). Your spa installation must comply with the most current codes. (**Uniform Swimming Pool, Spas & Hot Tub Code 2006 (USPC 2006)**).

Spa drawings: Request from Nespa a current spa specific construction detail, plan and section, spa plumbing detail.

Delivery Access: Clearly determine the method of getting the spa to jobsite and into the hole. This may require the use of a crane, forklift, hoist, backhoe and/or manpower etc.

- 1) The following instructions are general guidelines and may not apply to your specific jobsite conditions. When excavating for your spa remember to provide for plumbing and light connection clearances. In order to determine how to excavate for your spa or swim spa, measure spas outside dimension (O.D.) and add minimum 3" to all sides. This 3" clearance is to accommodate jet and suction plumbing. This 3" clearance can change or be reduced upon request. Note: skimmer location, this area may have to be larger than 3", if commercial 22".
- 2) **Freeze Climates-** If the spa is place into a vault (typical of freeze climates) a standard 18" or more of clearance minimum from spa perimeter should be provided. This dead air space is for possible future access to spa plumbing in case of a freeze. Area drain is mandatory. **Ask your local installer** for his experienced opinion. Do not hesitate to call us because we want to be sure that your installation progresses as smoothly as possible. If you have questions call us. (888) 479-4677.
- 2) **Hole depth** is determined by spa's outside height dimension. This height may vary depending if spa has skids or no skids. The spa lip may be finished or non- finished. How is the perimeter deck elevation transitioning to the spa? Focus on the finish surrounding deck elevations, thickness of the finish material on spa upper horizontal lip, equal to lip or under the spa lip. This material can be tile, stone, concrete or brick.
- 3) **Preplumb** the spa before it goes into the hole. If there are needs for electrical , bonding or control conduits run them as well before dropping in hole. Connect bond wire to niche would be best.
- 4) **Spa should sit on level 3 ½" thick reinforced concrete pad. Sweep debris off pad prior to dropping in hole.**
- 5) **Install spa** into the hole on top of concrete pad. Use the Eye bolts provided for crane, forklift etc. rigging. Do not hold onto pipes. Use caution with suction and jet plumbing when lowering into hole. **DO NOT STRESS FITTINGS!** Fill Spa with water and check for leaks prior to backfill.

- 6) **Check site reference** points for proper spa positioning (i.e., squaring to house, garage, etc.).
- 7) **Shim to level spa.** Shim with non-compression able material. Re square to house, or ref. point.
- 8) **Dry pack** with cement the gaps that have been created when shimming spa level.
- 9) **Connect pipes to tees** if spa is preplumb. Installers properly support your new plumbing from stressing spas preplumb fittings. After electrical conduit and bond wire is connected to light niche, water test spa before back filling with sand.
NOTE: All Nespa products are water tested prior to leaving factory.

ELECTRICAL:

- 1) All electrical connections to spa or equipment should comply with the most recent national electrical code (NEC), state and local codes.
- 2) Connect electrical conduit to light niche. This work should be done or reviewed by a licensed electrician.
- 3) To install spa light you will need to include inside the PVC conduit to the light niche a solid #8 coated copper wire. (If you are use brass conduit, internal bond wire is not required.) This bond wire should be pulled with the light cord at the same time. This bond wire needs to be attached to the internal bonding lug of the light niche. An approved encapsulate should be applied to bond wire connection in niche.
- 4) An external #8 copper wire shall be connected to the external bonding lug on the rear of the light niche. This copper wire can then be used for additional bonding requirements (i.e., handrails or any other metallic object within 5' of the spa.

PLUMBING:

- 1) **When plumbing a Nespa it is important to properly size the plumbing. We highly recommend that you follow the pump manufacturer's pipe sizing requirements and Uniform Swimming Pool, Spas & Hot Tub Code 2006 (USPC 2006). This code book is available at www.IAPMO.org or (909) 472 4100.**
- 2) The jet air venturi should be a Hartford loop design adjacent to spa shell and air entry point can be located next to spa or remotely at equipment.
- 3) Fill spa with water and test the system for leaks PRIOR to backfilling with sand.

SAND BACK FILL:

- 1) **With water in spa, back-fill around spa perimeter with dry plaster sand and wet wash with hydraulic attachment to hose. Let set for one hour and hydraulic dry again. Be sure water level in spa is at the highest level. Any questions please call us. (888) 479-4677.**
- 2) **If spa is free standing on elevated deck or a structure, it is important to fill spa with water and load area prior to installing coping or perimeter decking. If spa is installed in a vault situation a area drain is needed.**

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IN-GROUND

INSTALLATION

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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

DATE: 3/27/02

JOB : STANDARD INSTALL

DW #: SI-1, SI-2

NOTE:

Sump pump or gravity drain is required for removing water from vault



STANDARD VAULT INSTALLATION

SI-1



SAND BACKFILL
WATER WASHED
FOR COMPACTION

HOLE EXCAVATION:

EXCAVATE HOLE 1'-0"
LARGER THAN THE OUTSIDE
DIAMETER (OD) OF SPA

4" CONCRETE SLAB
REINFORCED WITH
#10 MESH

STANDARD INGROUND INSTALLATION

SI-2

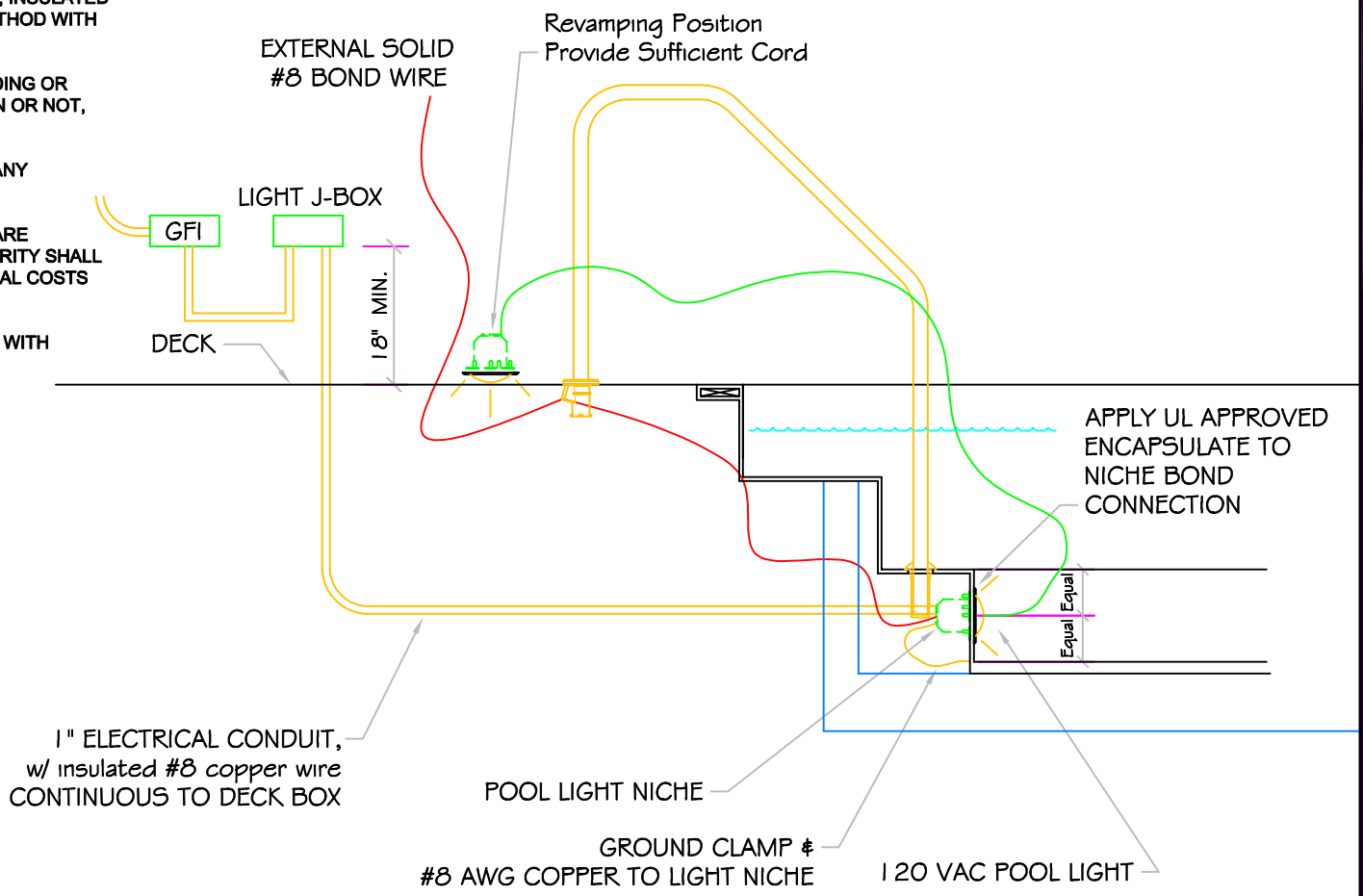
NOTE:

Footing can not surcharge spa.
Slope from bottom of slab to
nearest corner of house footing
must not exceed 1" = 1".

POOL BONDING REQUIREMENTS:

1. THE FOLLOWING PARTS SHALL BE BONDED TOGETHER AND CONNECTED TO THE COMMON BONDING GRID.
 - A. ALL THE METALLIC PARTS OF THE POOL STRUCTURE INCLUDING COPING STONES, DECK, PERMANENT PLAY STRUCTURES, PERMANENT EXERCISE STRUCTURES.
 - B. ALL METAL FITTINGS WITHIN OR ATTACHED TO THE POOL STRUCTURE
 - C. METAL PARTS ASSOCIATED WITH THE POOL WATER CIRCULATING SYSTEM, INCLUDING PUMPS, FILTERS, AND HEATERS.
 - D. METAL PARTS ASSOCIATED WITH POOL COVERS
 - E. METAL SHEATHED CABLES AND RACEWAYS, METAL PIPING AND ALL FIXED METAL PARTS WITHIN 5 FEET HORIZONTALLY OF INSIDE WALLS OF POOL AND WITHIN 12 FEET ABOVE MAXIMUM WATER LEVEL OF POOL.
 - F. METAL PARTS ASSOCIATED WITH OBSERVATION STANDS, TOWERS, PLATFORMS, AND DIVING STRUCTURES.
2. BONDING CONDUCTORS SHALL BE MINIMUM #8 SOLID COPPER, INSULATED E.C. SHALL COORDINATE APPROVED CONNECTOR TYPE AND METHOD WITH LOCAL ELECTRICAL AND/ OR POOL INSPECTOR.
3. SPECIFIC MANUFACTURER'S INSTRUCTIONS REGARDING BONDING OR GROUNDING OF POOL EQUIPMENT, WHETHER INDICATED HEREIN OR NOT, SHALL BE STRICTLY FOLLOWED.
4. THE COMMON BONDING GRID SHALL NOT BE CONNECTED TO ANY ELECTRICAL DISTRIBUTION EQUIPMENT.
5. ANY PARTS IN ADDITION TO THOSE DESCRIBED HEREIN THAT ARE INDICATED BY POOL CONTRACTOR OR LOCAL INSPECTION AUTHORITY SHALL BE BONDED TO THE COMMON BONDING GRID WITH NO ADDITIONAL COSTS INCURRED BY THE OWNER.
6. THE ELECTRICAL CONTRACTOR SHALL COORDINATE BONDING WITH GENERAL CONTRACTOR.

LIGHT DETAIL



ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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SIZE A	DWG NAME DETAILS	DWG TYPE Detail
SCALE 1/2" = 1'	DATE 7/24/2008	SHEET PAGE 1 OF 1

NESPA ENTERPRISES, Inc. LIMITED WARRANTY

This LIMITED WARRANTY covering NESPA products is extended to the ORIGINAL PURCHASER-USER BY NESPA ENTERPRISES Inc.(NESPA), 2800 Richter Ave. Unit C California 95966.

NESPA products are thoroughly inspected and tested prior to factory shipment. NESPA warrants to the ORIGINAL PURCHASER-USER that NESPA Spas and Swim Spas will be free of defect in workmanship, accessories and parts, provided said accessories and parts were manufactured by NESPA. NESPA, under this LIMITED WARRANTY, warrants only that its Spas and Swim Spas shall be structurally sound, shall retain their shape, and shall retain water for the warranty period. NESPA warrants the adhesion of tile to fiberglass for a period of three (3) years and structural soundness for ten (10) years. NESPA warrants epoxy grout adhesion for a period of three years. If any such defects appear and are reported within the warranty period, NESPA shall repair or replace such defective parts without charge if an inspection proves the claim.

The provisions of the LIMITED WARRANTY shall not apply to tile cracked, split, chipped or damaged after the product has left the factory, nor damage to tile caused by freezing nor to damage, defect, malfunction or failure to conform with the above warranty provisions where the damage, defect, malfunction or failure to conform was caused during shipment or by distributor or by unreasonable use by ORIGINAL PURCHASER-USER including improper water balance and improper sand pack or support.

This LIMITED WARRANTY shall not apply to any plumbing, equipment, or installation of spas and Swim Spas and shall not apply to any alterations made to or upon NESPA products except alterations made by NESPA employees or NESPA authorized representatives.

This LIMITED WARRANTY is expressly in lieu of all other warranties expressed or implied including the warranties of merchantability and fitness for use and all other obligations or liabilities on NESPA'S part, and NESPA neither assumes nor authorizes any other person to assume for NESPA any other liability in connection with the sale of this NESPA product. This LIMITED WARRANTY shall not apply to this NESPA product or any part thereof which has been subject to accident, negligence, alteration, abuse or misuse. NESPA makes no warranty whatsoever with respect to accessories or parts not manufactured by NESPA.

The term "ORIGINAL PURCHASER-USER" as used in this LIMITED WARRANTY shall be deemed to mean that person for whom the NESPA product is originally installed.

The LIMITED WARRANTY provided herein and the obligations and liabilities of NESPA hereunder are exclusive and are in lieu of, and buyer and original PURCHASE-USER hereby waive all other remedies, warranties, guarantees or liabilities, expressed or implied, arising by law or otherwise (including without limitation and obligations of NESPA with respect to fitness, merchantability, and consequential damages) or whether or not occasioned by NESPA'S negligence.

This LIMITED WARRANTY shall not be extended, altered or varied except by a written instrument signed by NESPA and original PURCHASER-USER.