styles of swimming pools and spas. When installed in accordance to BH fiberglass division of Latham Pool Products Inc. (BH) produces various composed of isophtalic resin, vinyl ester resin, and fiberglass. The reinforced plastic (FRP), a minimum of 1/4 inch (6.4 mm) thick. requirements of the following codes: Pools installation procedures, the pools and spas comply with applicable surface finish is a neo pentyl glycol gel coat. Blue Hawaiian Pools, a construction shop-formed over a mold. The material is fiberglass The swimming pools and spas consist of one-piece fiberglass 2015/2018 International Building Code® (IBC)

2018 International Residential Code (IRC) 1997 Uniform Building Code (UBC)

2014 ANSI/APSP/ICC-3 Permanently Installed Residential Spas and 2003 ANSI/NSPI-5 Residential Inground Swimming Pools 2012 ANSI/APSP/ICC 5a Residential Inground Swimming Pools 2018 International Plumbing Code® (IPC)
2012/2015 IAPMO Uniform Plumbing Code (IAPMO UPC)

2017 Florida Building Code 6th Edition 2017 Florida Plumbing Code 6th Edition 2017 Florida Fuel/Gas Code 6th Edition 2017 Florida Mechanical Code 6th Edition 2017 Florida Residential Code 6th Edition

2006 ANSI/APSP-7
2013 ANSI/APSP/ICC-7 Suction Entrapment Avoidance
2011 ANSI/APSP-16 2018 International Swimming Pool and Spa Code -

2007 ANSI/ASME-A112.19.8 2014/2017 National Electric Code (NEC)

2015 Uniform Swimming Pool, Spa, Hot tub Code (IAPMO)

Models described in Table 2, Table 3, and Table 4 can be placed up to 19-1/2 inches (49.5mm) above ground. These pools and spas may be placed with or without concrete or wood decking. Unless elevated The overall pool dimensions, depths and capacities are shown in Table 1 and Table 4. The units comply with ANSI/NSPI-5, specified in Section AG103.1 of the IRC, and IAPMO IGC-2000*, specified in the

portions of the units are protected from sunlight by soil berms, decking, etc., these portions must be coated with a UV-inhibiting opaque paint that is compatible with the laminate All plumbing must comply with the IPC or UPC. Electrical work must

Notice-The pool or spa is designed to remain full of water at all times The pool shell may be damaged if the water level is allowed to drop must remain full of water at all times. A permanent sign, bearing the comply with the code in effect at the construction site. The pool and spa below the skimmer. When appreciable draw-down is noticed or if it following statement, must be attached to the pumping equipment becomes necessary to drain the pool or spa, contact BH Pools or its

indicating the BH Pools dealer's name, address and telephone number

A permanent label must be installed adjacent to the above sign

registered design professional(RDP), subject to the building official's BH pools and spas may be installed without a soil investigation by a

the pool or spa excavation The existence of an uncompacted fill in contact with any portion of The existence of uncontrollable groundwater within the depth of

The existence of any soil types with an angle of repose that will not support the walls of the excavation at desired slopes. Danger to adjacent structures posed by the proposed pool or spa

The existence of any cracks or openings in soil that would not sand or ½" clean gravel bedding

if any of the conditions above is encountered, excavation must cease

reviewed and recommendations made by the RDP. The building official must approve the RDP's report before work is completed mmediately. The specified conditions at the site must then be

General Notes

and ends. The over excavation at the pool bottom is minimum 4 inches (102mm). The backfill for the pool or spa bottom is a layer of 3-inch-thick (76mm) bedding sand or $\frac{1}{2}$ " clean gravel matching the pool or spa the pool. The over excavation is minimum 6 inches(152mm) on the sides The pool or spa excavation profile must coincide with the contours of

> the manufacturer's instructions to the following conditions.

The construction and pool/spa installation comply with this report and compliance with the above listed codes as noted in ESR-2014 subject

Electrical and plumbing installation comply with the respective codes

and backfill operations then commence. The backfill is compacted with a tamper and water. The installer must ensure that the backfill level and This backfill layer is compacted using a manual tamper and water. The pool or spa is then set into place using a crane, excavator or manually and be within 1 inch (25mm) of level. Simultaneous waterfill water level are approximately the same throughout this procedure.

> control program with inspections by Columbia Research & Testing Country Road 54E, Zephyrhills, FL are manufactured under a quality Crawford Road, Williams, California; Blue Hawaiian Pools, 40119 Drive Industrial Park, Jane Lew, West Virginia; Blue Hawaiian Pools, The pools and spas produced by Blue Hawaiian Pools, 176 Viking

Decks are prepared as indicated in Figures 1 though 4: After completion of the backfill and plumbing, the decking is placed Cantilevered concrete decks are constructed as noted in Figure 1

Cantilevered decks are constructed with brick or stone as noted

3. Raised bond beams are constructed as noted in Figure 3 in all

Aboveground installations are constructed as noted in Figure 4 in

Division 3, Occupancies or IBC Group R Occupancies. The barriers must comply with Appendix Chapter 4, Division 1, of the UBC or Section Barriers are required where pools are on premises of UBC Group R,

Expansive soils:For installation of pools or spas in expansive soils, the following additional installation details must be followed subject to code official's

All surfaces adjacent to the pool or spas must be excavated to a and minimum 6 inches (152 mm) behind the pool walls minimum depth of 12 inches (305 mm) beneath the pool bottom

placed against the surface. The term compaction implies any method necessary to consolidate the native and fill materials to maintained in a moist condition until the first lift of backfill or fill is compacted surfaces and the excavated wall surfaces must be 6 inches (152 mm) of all horizontal excavation surfaces must be Any soft or loose soils exposed by step 1 must be removed until exposed material is solid. If the soil is still soft and loose, the upper keep the pool or structure from settling

3. The excavated bottom area of the pool or spa must be backfilled with granular import material to approximately 6 inches (152 mm) below the bottom of the pool or spa, wetted and compacted.

The remaining 6 inches (152 mm) must be backfilled beneath the placed in compacted layers of approximately 6 inches (152 mm) to a level equivalent to that of the backfill. The backfill must be pool or spa and outside the pool walls with compacted clean sand while a uniform height of backfill is maintained around the pool or

Positive surface drainage away from the perimeter of the pool and prevent excessive shrink-swell or volume changes in the soil saturation of the soil around the perimeter and vicinity of the pool to or subdrains must be placed as needed to prevent ponding or surrounding deck is required and critical to installations in highly

Pools) and address, pool or spa model designation, a coded serial imprinted on the top step of the pool or spa: manufacturer's name (BH BH pools and spas are identified by the following information

The units also bear the label of the quality control agency, Columbia Research & Testing Corporation (AA-527). number and the evaluation report number (ESR-2014)

Findings: That the fiberglass one piece swimming pools and spas are



4119 Trinity Dr Santa Rosa CA 95405 Phone 707-494-8761

nald R. Poindexter, PE lorida Lic. No. 64901

Alternative Recirculation Systems	age 8
Hydro Zone Models	
Spa Models	age 7
Pool Models	age 4-6
Figures 1-4	age 3
Tables 1-4	age 2
Expansive Soils	
General Notes	age 1
Table of Contents	

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Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines.

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2019

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COLUMBIA Compli

atham Pool Products Inc. **DBA Blue Hawaiian Pools**

ICC Evaluation Report Number (ESR-2014)

Latham, NY Phone: (800) 833-3800 Jane Lew, WV Phone: (304) 884-6954 Fax: (304) 884-7198 Midland, TX Phone: (432) 561-9933 Fax: (432) 561-9934 Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393 Zephyrhills, FL Phone: (813) 783-7439 Fax: (813) 783-7214

Project Name and Address
Contractor
Date

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TABLE 1- POOLS

POOL	CODE	SIZE	DEPTHS	GALLONS	WATER	PAGE	POOL
	2	WIDTH x LENGTH	SHALLOW, DEEP	APPROX.	SURFACE AREA	20074	TYPE
Arcadia	<u>ک</u>	15' 10" 39'-7"	3'-5". 7'-11"	19.600	506	PAGE 4	TYPE
Asbury	В	11'-10", 25'-5"	18	8,100	264	PAGE 5	TYPE 0
Athens	AT	16', 40'	3'-8", 8'	21,000	585	PAGE 4	TYPEI
Balboa	M₽	9'-6", 14'-6"	1 1	2,500	115	PAGE 5	TYPE 0
Bay isle	внву	14'-6", 29'-10"	3', 6'-6"	10,000	318	PAGE 5	TYPE 0
Bay Shore	внва	14'-5", 30'	3'-11", 5'-10"	9,500	298	PAGE 5	TYPE 0
Blue Isle	внві	15', 34'	3'-6", 6'-6"	13,000	410	PAGE 6	TYPE 0
Bristol	FR14	14', 30'	3'-6", 6'	11,200	377	PAGE 5	TYPE 0
Cape Cod	S	14', 31'	3'-6", 6'	12,000	325	PAGE 4	TYPE 0
Саре Мау	CM	12'-3", 23'-11"	3'-6", 5'	6,000	211	PAGE 4	TYPE 0
Cayman	FR12	12', 26'	3'-6", 5'-8"	7,600	275	PAGE 6	TYPE 0
Classic Cove	внсс	13'-6", 32'-10"	31, 61-211	11,300	376	PAGE 5	TYPE 0
Grand Isle	BHGI	16', 42'	3',7'	19,300	516	PAGE 5	TYPE 0
Hamilton	HMT	15', 34'	3'-6", 6'	12,000	369	PAGE 4	TYPE 0
Harmony	CIL	10' x 16'	4"	2,550	135	PAGE 6	Type 0
Island Cove	ARU	11', 22'	3'-6", 5'	5,200	177	PAGE 5	TYPE 0
Java	7	12', 26'-9"	3'-6", 5'-5"	6,800	233	PAGE 4	TYPE 0
Laredo	5	9'-10", 19'-9"	3'-2", 5'	3,750	138	PAGE 5	TYPE 0
Lexington	Ξ	16', 36'	3'-6", 7	18,000	451	PAGE 5	TYPE 0
Mariana	3	14', 35'	3'-7", 5'-7"	12,400	388	PAGE 4	TYPE 0
Nautilus	FRX	15'-10", 40'	3'-6", 7"	15,600	548	PAGE 6	TYPE 0
Newport	RP	14', 30'	3'-7", 5'-11"	12,800	314	PAGE 5	TYPE 0
Olympic Bay	внов	16', 41'	3'-6", 7"	23,000	656	PAGE 5	TYPE 0
Panama i	뿌	11'-10", (35' - 38')	4'-6", 4'-6"	Varies	Varies	PAGE 6	TYPE 0
Panama II	BL	11'-10", (35' - 45')	4'-6", 4'-6"	Varies	Varies	PAGE 6	TYPE 0
Phoenix	FJI	15', 34'	3'-6", 6'	12,000	375	PAGE 4	TYPE 0
Pleasant Cove	BHPL	11', 24'	3'-5", 5'-6"	5,000	173	PAGE 5	TYPE 0
Portia	ОВ	16', 40'	3'-6", 5'-8"	18,900	585	PAGE 4	TYPE 0
Regatta	FR16	16', 35'	3'-6", 6'-6"	15,250	510	PAGE 6	0 34AL
Sandy Cove	внз8	11', 18'	4'-1"	3,600	177	PAGE 6	TYPE 0
Sea Cove	BHSC	12', 24'	4', 6'-4"	7,000	209	PAGE 5	TYPE 0
Seahaven	RT16	15'-10", 40'	3'-6", 7'	15,400	563	PAGE 6	0 34VL
Sea Shore	BHSH	12', 26'	3'-6", 6'	7,000	264	PAGE 5	D34VL
Seaswirl	BHSR	12', 24'-6"	3'-4', 5'-6"	6,000	204	PAGE 6	TYPE 0
Sierra	SR	16', 39'	3'-6", 6'	16,300	500	PAGE 4	TYPE 0
Southwind	MSHB	15', 34'	3'-7", 6'-10"	14,000	424	PAGE 5	0 34VL
St Augustine	ST	14'-6", 27'-7"	3'-7", 5'-10"	10,000	288	PAGE 4	TYPE 0
Sunburst	CD	16' , 33'	3'-7" , 5'-5"	15,000	480	PAGE 4	TYPE 0
Sunset Bay	внѕү	14', 32'	3'-4", 5'-5"	10,000	365	PAGE 6	TYPE 0
Three Moon Bay	втв	15', 34'	3'-8", 5'-6"	12,000	427	PAGE 6	TYPE 0
Trident		14', 31'-6"	3-7",7	13,700	396	PAGE 4	TYPE 0
Twin Cove	внтс	11'-7", 27'-6"	3'-3", 5'-1"	6,800	233	PAGE 5	TYPE 0
Venus	٧	14', 33'	3'-7", 5'-4"	11,700	416	PAGE 4	D 34VL
Vienna	GS	15'-7", 34'-8"	3'-7" , 5'-10"	15,000	423	PAGE 4	0 34VL
Vista Isle	BHVI	12', 28'	3', 6'-10"	8,000	294	PAGE 5	D 3 PYT
Wellington	ŦP	12', 25'-1"	3'-7", 5'-5"	6,000	213	PAGE 4	O 34VL

Hilo Falls

RYSW SPKM BOSSW

8'-4" x 9'-4" 8'-4" x 8'-4" 8'-10" x 10'

3 4,4

GALLONS
APPROX.
600
600
450
450
600
350
600
600
600
600
550
475
420
420
420
550
550
700
700
700
700

7'-6" x 8'-6"

7'-6" x 7'-6"

LRSSW MSW CSSW TSCT

10' x 10' 10' x 11' 8' x 12'-5" 9' x 12'-5" 7'-8" x 15'-8" 8'-4" x 16'

3'-4" 3'-4" 10"

TABLE 3-SPAS

WIDTH × LENGTH
8' × 10'
9' × 10'

SHALLOW, DEEP

ED 0110	BHTC	BHSH	BH38	ВНСҮ	6	В	ARU	SERIES	ABOVE GROUN	TABLE 2-
2	BHVI	BHSR	BHSC	BHPL	V	MP	CM.	SERIES	ABOVE GROUND INSTALLATION	- POOLS

TABLE 4- POOLS

	3600	νī	8'-6" x 18'	HZE	HZE
6	3000	3'-3", 5'	8'-6" x 18'	HZDXL	HZDXL
NUMBE	APPROX. NUMBER				
PAGE	DEPTHS GALLONS PAGE	DEPTHS	SIZE	CODE	POOL

Donald R. Poindexter, PE Florida Lic. No. 64901 4119 Trinity Dr Santa Rosa CA 95405 Phone 707-494-8761

Latham Pool Products Inc. **DBA Blue Hawaiian Pools**

ICC Evaluation Report Number (ESR-2014)

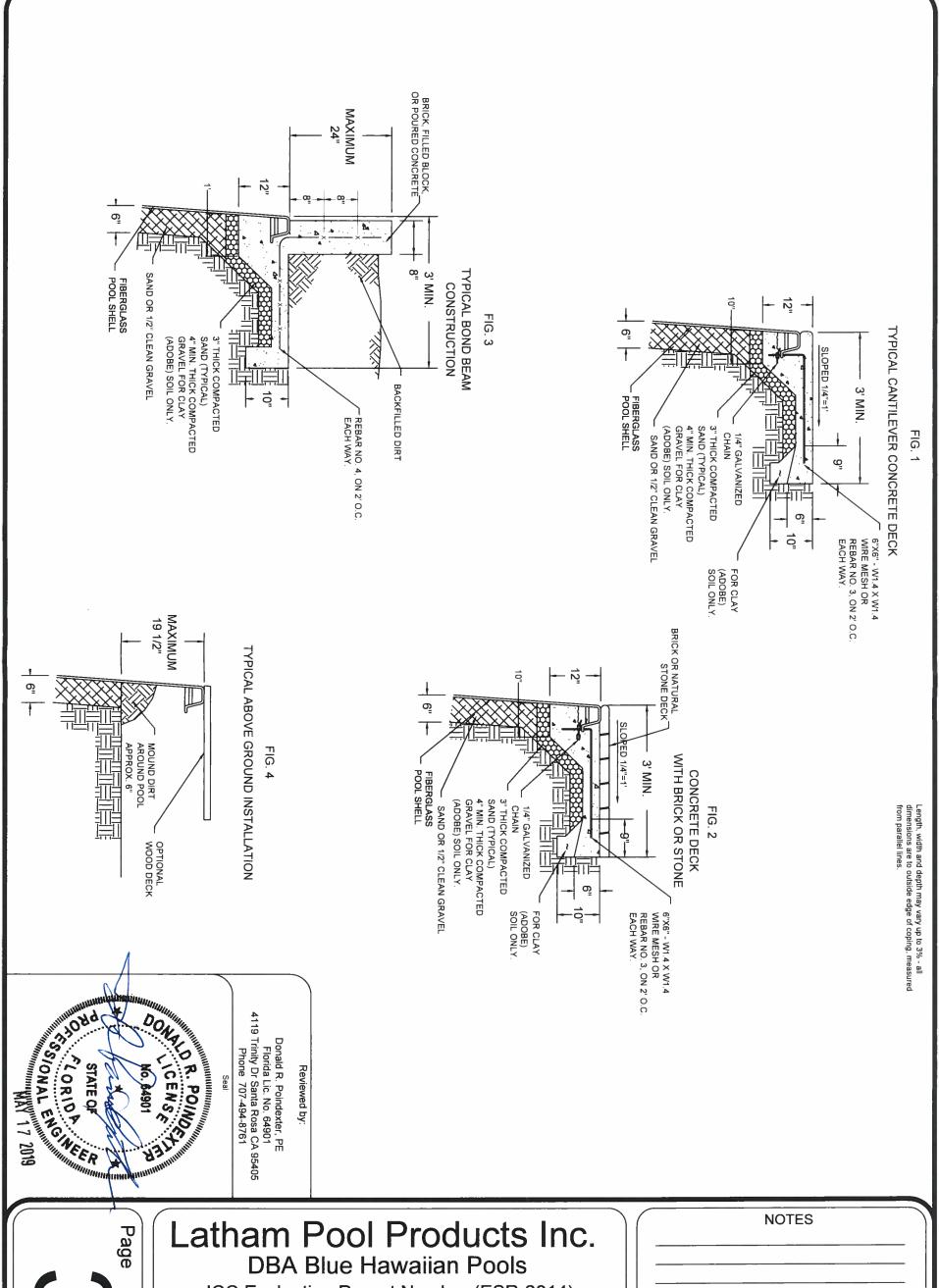
Latham, NY Phone: (800) 833-3800

Jane Lew, WV Phone: (304) 884-6954 Fax: (304) 884-7198 Midland, TX Phone: (432) 561-9933 Fax: (432) 561-9934 Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393 Zephyrhills, FL Phone: (813) 783-7439 Fax: (813) 783-7214 **NOTES**

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File Name: BHP ENG-11x17 v3fla BHP-1117V1P7-0119-4 Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines. Wellington - FP 6,000 gal. approx. Vienna - GS 15,000 gal. approx. 5'-5" Cape May - CM 6,000 Gal. Approx. Sunburst - CD 15,000 gal. approx. Cape Cod - CA 12,000 gal. approx. St. Augustine - ST 10,000 Gal. Approx. Island Cove - ARU 5,200 Gal. Approx. Mariana - MT 12,400 gal. approx. Hamilton - HM 12,000 Gal. Approx



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onald R. Poindexter, PE Florida Lic. No. 64901 rinity Dr Santa Rosa CA 95405 Phone 707-494-8761

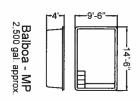
ICC Evaluation Report Number (ESR-2014)

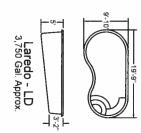
Latham, NY Phone: (800) 833-3800

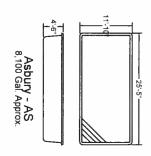
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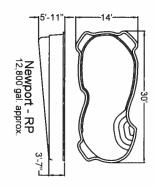
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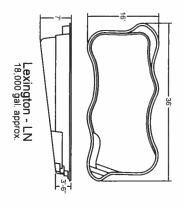
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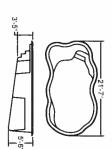




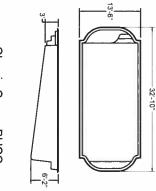


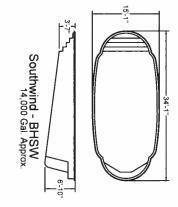


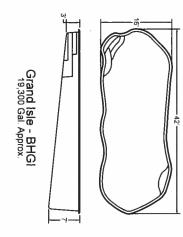


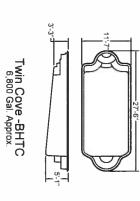


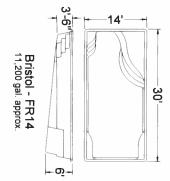




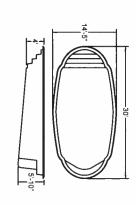


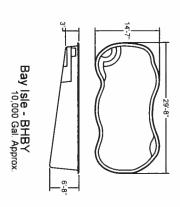


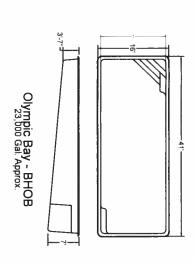


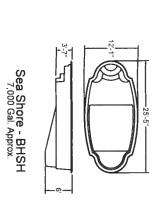


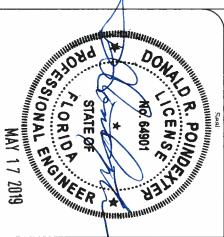




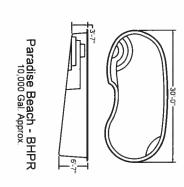


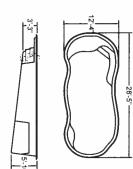




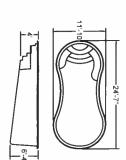


Donald R. Poindexter, PE Florida Lic. No. 64901 4119 Trinity Dr Santa Rosa CA 95405 Phone 707-494-8761





Sea Cove 7,000 Gal. - BHSC



Latham Pool Products Inc. **DBA Blue Hawaiian Pools**

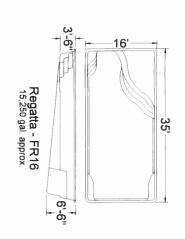
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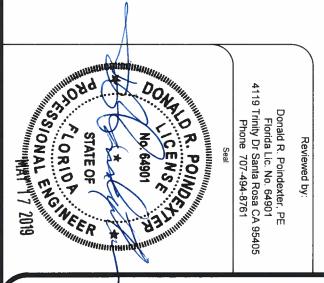
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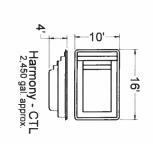
Jane Lew, WV Phone: (304) 884-6954 Fax: (304) 884-7198 Midland, TX Phone: (432) 561-9933 Fax: (432) 561-9934 Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393 Zephyrhills, FL Phone: (813) 783-7439 Fax: (813) 783-7214

NOTES

File Name: BHP ENG-11x17 v1 BHP-1117V1P7-0119-6 Models on this page are not currently on the ICC Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines. ESR-2014 Report, but are under evaluation and will be on the report upon its renewal. Sunset Bay - BHSY 10,000 Gal. Approx. Sandy Cove - BH38 3,600 Gal. Approx. AVAILABLE TO 38' PANAMA I - BL gallons Vary Seahaven - RT16 15,400 Gal. Approx. PANAMA II- BL gallons Vary AVAILABLE TO 45 Three Moon Bay - BHTB 12,000 Gal. Approx. Sea Swirl - BHSR 6,000 Gal. Approx. Cayman - FR12 7,600 gal. approx. ص 2







Latham Pool Products Inc. **DBA Blue Hawaiian Pools**

ICC Evaluation Report Number (ESR-2014)

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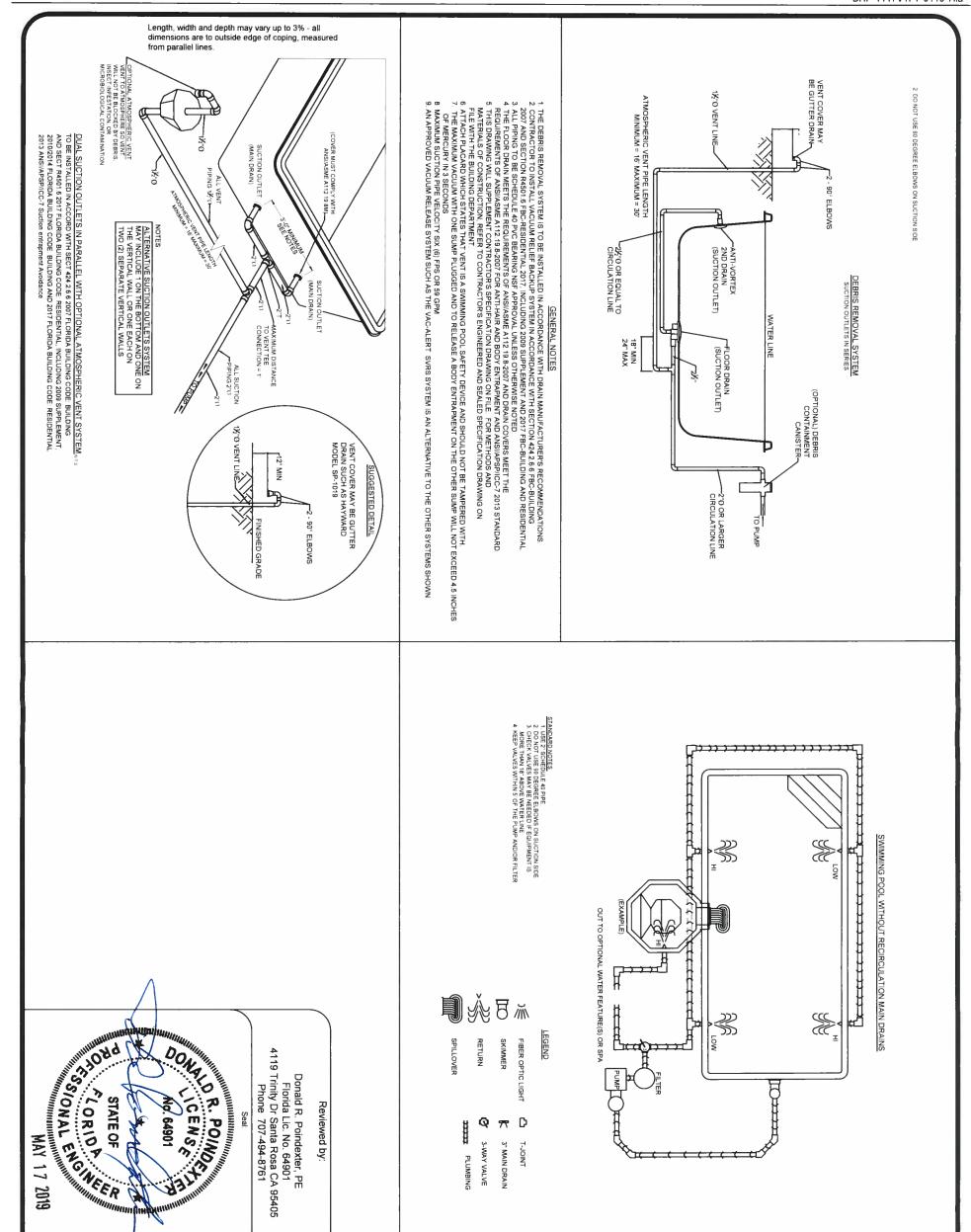
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NOTES

Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines. Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured KULA - LRS 420 Gal. Approx. POOL - HZDXS 2,800 gal. approx. KONA FALLS
- BOSSW
475 Gal. Approx. KONA - BOS 475 Gal. Approx. -8'-6" POOL - HZE 3,600 gal. approx <u>~</u> MANOA FALLS
- MSW
550 Gal. Approx. MANOA - M 550 Gal. Approx. HANA FALLS
- LOSSW
450 Gal. Approx. HANA - LOS 450 Gal. Approx. SEMI CIRCLE TANNING LEDGE - TSCT 400 Gal. Approx. MOLOKAI FALLS
- CSSW
700 Gal. Approx. MOLOKAI - CS 700 Gal. Approx. 12'-5" RECTANGLE TANNING LEDGE - RTL 400 Gal. Approx. HILO FALLS- RSW 600 Gal. Approx. HILO - RY 600 Gal. Approx. -15'-8" MANA TORAL 4119 Trin Donald R. Poindexter, PE Florida Lic. No. 64901 19 Trinity Dr Santa Rosa CA 95405 Phone 707-494-8761 SSIONAL ENGINEERING EWA - RG 600 Gal. Approx. EWA FALLS
- RGSW
600 Gal. Approx. **NOTES** Latham Pool Products Inc. **DBA Blue Hawaiian Pools** ICC Evaluation Report Number (ESR-2014) Latham, NY Phone: (800) 833-3800 Jane Lew, WV Phone: (304) 884-6954 Fax: (304) 884-7198 Midland, TX Phone: (432) 561-9933 Fax: (432) 561-9934 Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393

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