





	ANSI/APSP/ICC 15 EN	ERGY I	EFFIC	IENCY	COMP	LIANC	E INF	ORMAT	ION	FOR F	RESIDEN	ITIAL SV	VIMMIN	G POOL	.S		
PROJECT NAME: AND ADDRESS	Zahnle		NTRACT O ADDR	OR NAM	EE	Brenda Chila											
WAS UPPUEDS	219 SW Plantation Ter.						- 1 (1010)	00	4	4404 NW 13 St.							
	Lake City,Fl. 320				G	Gainesville,Fl. 32609											
^{owner:} Ralph	WNER: Ralph Zahnle CONTRACTOR PHONE: (352) 375-7800									7800	DATE: 9/24/2013						
This information sh Professionals (APSI	neet was prepared by the APS P). It is not part of the Ameri P/ICC-15 2011 standard whic	can Nati	onal St	andard	ANSI/A	ool and PSP/ICC	Spa En C-15 20	ergy Effi	clend	y Stand	ard Writi	ng Commi					
1. §5.2.1: Calculated pool volume a. Gallons: $23,936$; or b. Calculated Gallons: 640 (surface area) X 5.0 (average depth) X 7.48 (gal/ft^3) = $23,936$									1	23,936	g	allons					
	ulated maximum filtra 360 or 36gpm whichever i			te									2	66	g	pm	
3. §5.2.2: Auxiliary Pool Load: Yes, No? (Enter the highest "auxiliary pool load" to be powered by the swimming pool filtration pump. Do not add auxiliary pool load flow rates together, only the highest is used.)									3		g	pm					
	maximum flow rate 3, whichever is larger.) sizing:												4	0	g	pm	
a. Minimum suction pipe diameter (Enter the smallest pipe size from Table 1 with a 6 fps flow capacity the same or more than item 4.)											5a	1.5		inches			
	b. Minimum suction branch pipe diameter (Calculate: Item 4. 0 (gpm) ÷ Branch Pipes 1 (quantity) = branch flow rate 0 (gpm). Enter the smallest pipe size from Table 1 with a 6 fps flow capacity the same or more than the calculated suction branch flow rate.)										5b	1.5	apare (acre a	inches			
	c. Minimum return pipe diameter (Enter the smallest pipe size from Table 1 with a 8 fps flow capacity the same or more than item 4.)										5c	1.5		inches	-		
d. Minimum return branch pipe diameter (Calculate: Item 4. $0 (gpm) ightharpoonup Branch Pipes 1 (quantity) = branch flow rate 0 (gpm). Enter the smallest pipe size from Table 1 with a 8 fps flow capacity the same or more than the calculated return branch flow rate.)$											5d.	1.5		inches			
6. §5.4.1: Filte	r type and size:												1				
	a. Filter type: (Cartrid	lge, DE	E, San	d)									6a.	Cartridg	je		.
b. Minimum filter area (Calculate: item 40(gpm) ÷ filter factor0.375) Filter factors: Car <u>tridg</u> e=0.375, Sand=15, Diatomaceous Earth=2											6b.	0.0		sq. ft.	-		
7. §5.4.2: Backwash valve: Yes, No? (When using a backwash valve, enter result of item 5c or 2 inches whichever is larger)									7	2,0		inches					
Table 1	Pipe Size:	1.5"	2"	2.5"	3"	3.5"	4"	5"	6"]			1				1
	Nominal GPM @ 6 fps Nominal GPM @ 8 fps	38 51	63 84	90 119	138 184	185 247	238 317	374 499	540 720]							
§5.3.2.2: Pools 17,	L	np* fror ump* fr	n the c	latabas databa	l e with a use with	Curve-	L A gpm	flow equ	al to			*Multi-					
a. Pump model											8a. Variable Speed						
b. Pump flow (§5.3.2.1, 5.3.2.2: Applicable Curve A or C gpm flow listed in database)										8b.	66	-,	gpm	-			

ANSI/APSP/ICC 15 ENERGY EFFICIENCY COMPLIANCE INFORMATION FOR RESIDENTIAL SWIMMING POOLS

Component	Section	Requirements	Check		
Heaters	4.4.1.1	Heater has no pilot light			
	4.4.1.2	Readily accessible on-off switch mounted outside of the heater			
	4.3.1.3	No electric resistance heating unless for inground spa with tight fitting cover with R-6 insular or for pool with 60% of documented pool heating from on-site solar or recovered energy.			
	4.3.2	Heater efficiency: gas/oil fired heater efficiency at least 78%, heat pump COP at least 4.0			
Pool systems	5.1.1	Pool filter pump listed in database	V		
	5.3.1	Pool filter pump with total horsepower 1.0 or more is multi-speed	1		
	5.3.3	Multi-speed pump controller programmed to default to the filtration flow rate when no auxiliary pool loads are operating within 24 hours and programmed with temporary override capability for servicing.	V		
	5.3.4	Single-speed pump controller capable of operating pump during off-peak electric demand.			
	5.5.2	Pipe before pump has at least 4 diameters of straight pipe.			
	5.5.3	System installed with solar, or setup for the future addition of solar heating equipment by installing 18 inches of horizontal or vertical pipe after the filter and before a heater, or built-in or built-up connections, or dedicated pipe to and from the pool.			
	5.5.6	Directional inlets for mixing pool water.			