

Application Form						
General Data (To be completed by application	nt):					
Name of Applicant:						
Mailing Address:						
Telephone Number:						
Email Address:						
Block / Parcel:						
Application Numbers (For official use):						
Application Number:						
Planning Ref.:						
Design Parameters (To be completed by a	oplicant):					
			_			
Parameters 1.0			Data	Unit		
1. General Data						
Pool type Perimeter				ft		
Surface area				sq ft		
Volume				gal		
Deck width				ft		
Deck slope				%		
Bather load				Persons		
2. General Recirculation System				. 0.000		
Total dynamic head				ft		
Pump rating						
Pump capacity @ TDH				hp		
				hp gpm		
Turnover time				gpm		
Skimming devices				gpm		
				gpm		
Skimming devices 1. Skimmers only 1.1 Number of skimmers				gpm		
Skimming devices 1. Skimmers only 1.1 Number of skimmers 2. Overflow gutters				gpm		
Skimming devices 1. Skimmers only 1.1 Number of skimmers 2. Overflow gutters 2.1 Length of gutter				gpm hr		
Skimming devices 1. Skimmers only 1.1 Number of skimmers 2. Overflow gutters				gpm hr		



Application Form (Cont'd)		
4. Surge tank		
4.1 Surge capacity		
Number of returns		
Main drains		
1. Diameter of main drain	in	
2. Number of drains		
3. Distance between drains	ft	
4. Type of main drain cover		
5. UL flow rating	gpm	
6. Cover dimensions	in	
7. Open area	sq in	
8. Grate velocity	fps	
Balance/surge tank		
1.Balance tank capacity	gal	
3. Filtration System		
Type of filter		
Filter area	sq ft	
Filtration rate	gpm/sq ft	
Allowable flow rate	gpm	
I. Disinfection System		
Type of disinfectant		
Dosing rate	lb/day	
5. Water Velocity		
Inlet velocity		
1. Diameter of inlet pipe	in	
2. Area of inlet pipe	sq in	
3. Flow rate through pipe	gpm	
4. Maximum velocity	fps	
Return velocity		
1. Diameter of return pipe	in	
2. Area of return pipe	sq in	
3. Flow rate through pipe	gpm	
4. Maximum velocity	fps	
5. Vanishing Edge / Therapy Jet Recirculation System		
Is system provided?		
Total dynamic head	ft	
Pump rating	hp	
Pump capacity @ TDH	gpm	
Main drains		
1. Diameter of main drain	in	
2. Number of drains		
3. Distance between drains	ft	
4. Type of main drain cover		
5. UL flow rating	gpm	
6. Cover dimensions	in	
7. Open area	sq in	
8. Grate velocity	fps	



			Applic	ation Form (C	ont'd)		
Total Dynami	c Head Calcula	ation (To be c	ompleted by ap	plicant):			
		,	· · · · ·	· ·			
Return line lo					-		
Branch 1	Pipe size:		in		Flow rate:		gpm
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss	-
	ID	Number	•	_			
	Charlata		Length (ft)	(ft)	(ft)	(ft)	4
	Straight						-
	Elbow						-
	Tees						-
	Valves Sub Total		<u> </u>			0.0	
	Sub Total					0.0	
Branch 2	Pipe size:		in		Flow rate:		gpi
Dianon 2	i ipe size.				riowrate.		gpi
	ID	Number	Equivalent	Total Length	H _I /100 ft	Head Loss	-
	1.5	Turnbor	Length (ft)	(ft)	(ft)	(ft)	
	Straight		Lengin (ii)	(11)	(II)	(11)	7
	Elbow						
	Tees						
	Valves						
	Sub Total					0.0	
	oub rotal					0.0	
Branch 3	Pipe size:		in		Flow rate:		gr
	•						Ji
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss	_
			Length (ft)	(ft)	(ft)	(ft)	
	Straight			()	(1)	\.	
	Elbow						
	Tees						
	Valves						
	Sub Total					0.0	=1
Branch 4	Pipe size:		in		Flow rate:		gpr
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss	
			Length (ft)	(ft)	(ft)	(ft)	
	Straight						
	Elbow						
	Tees						
	Valves						
	Sub Total					0.0	-1
Total return fri						0.0	ft



			•	cation Form (C		
Total Dynami	ic Head Calcula	ation (Cont'd)	(To be comple	atod by applican	M1.	
TOTAL DYNAIN	ic nead Calcula	ation (Cont a,	(TO be comple	eleu by applical	IL).	
Skimmer line	loss					
Branch 1	Pipe size:		in		Flow rate:	
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss
			Length (ft)	(ft)	(ft)	(ft)
	Straight				, ,	
	Elbow					
	Tees					
	Valves					
	Sub Total					0.0
Branch 2	Pipe size:		in		Flow rate:	
	ID	Number	Equivalent	Total Length	$H_L/100 ft$	Head Loss
			Length (ft)	(ft)	(ft)	(ft)
	Straight					
	Elbow					
	Tees					
	Valves					
	Sub Total					0.0
Dramah 2	Dino olas		lm.		Flouresto.	
Branch 3	Pipe size:		in		Flow rate:	
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss
	טו	Number		_	11[/ 100 11	
			Longth (ft)		\t+\	\t1\
	Ctroight		Length (ft)	(ft)	(ft)	(ft)
	Straight		Length (ft)	(ft)	(ft)	(ft)
	Elbow		Length (ft)	(ft)	(ft)	(ft)
	Elbow Tees		Length (ft)	(tt)	(ft)	(ft)
	Elbow Tees Valves		Length (ft)	(ft)	(ft)	
	Elbow Tees		Length (ft)	(ft)	(ft)	(ft) 0.0
Branch 4	Elbow Tees Valves Sub Total					
Branch 4	Elbow Tees Valves		Length (ft)		(ft)	
Branch 4	Elbow Tees Valves Sub Total Pipe size:	Number	in		Flow rate:	0.0
Branch 4	Elbow Tees Valves Sub Total	Number	in Equivalent	Total Length	Flow rate:	0.0 Head Loss
Branch 4	Elbow Tees Valves Sub Total Pipe size:	Number	in		Flow rate:	0.0
Branch 4	Elbow Tees Valves Sub Total Pipe size: ID Straight	Number	in Equivalent	Total Length	Flow rate:	0.0 Head Loss
Branch 4	Elbow Tees Valves Sub Total Pipe size: ID Straight Elbow	Number	in Equivalent	Total Length	Flow rate:	0.0 Head Loss
Branch 4	Elbow Tees Valves Sub Total Pipe size: ID Straight Elbow Tees	Number	in Equivalent	Total Length	Flow rate:	0.0 Head Loss
Branch 4	Elbow Tees Valves Sub Total Pipe size: ID Straight Elbow Tees Valves	Number	in Equivalent	Total Length	Flow rate:	0.0 Head Loss (ft)
Branch 4	Elbow Tees Valves Sub Total Pipe size: ID Straight Elbow Tees	Number	in Equivalent	Total Length	Flow rate:	0.0 Head Loss



Application Form (Cont'd)								
Total Dynam	ic Head Calcula	ation (Cont'd)	(To be comple	eted by applican	ıt):			
Main drain lir Branch 1			in		Flow rate:		anm	
DIAIICII I	Pipe size:		111		riow rate.		gpm	
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss	-	
			Length (ft)	(ft)	(ft)	(ft)		
	Straight			()	(**)	(: 7		
	Elbow							
	Tees							
	Valves							
	Sub Total					0.0		
Branch 2	Pipe size:		in		Flow rate:		anm	
Dianch 2	ripe size.		111		Tiow rate.		gpm	
	ID	Number	Equivalent	Total Length	H _L /100 ft	Head Loss	_	
			Length (ft)	(ft)	(ft)	(ft)		
	Straight			()	(**)	(: 7		
	Elbow							
	Tees							
	Valves							
	Sub Total					0.0		
Total main dra	ain friction loss					0.0	ft	
Total main are	an monon 1033					0.0	11	
Total Dynam	i <u>c Head:</u>						_	
	Main drain li	ne loss				ft		
	Return line le					ft	-	
	Skimmer line					ft		
	Filter loss wh	hen dirty				ft		
	Heater loss Other losses					ft ft	-	
	Total loss)				ft		
	10(a) 1033					11		