

**FIXTURE SCHEDULE:**

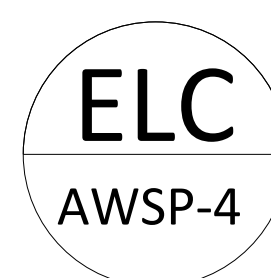
MARK	DESCRIPTION	VOLTAGE	MANUFACTURER & MODEL NO.
A	MAIN LUG BREAKER PANEL (12 CIRCUIT)	208-230	SIEMENS, PW1224L3125CU
B	RECIRCULATION PUMP	208-230V	PENTAIR, INTELLIFLO XF 023018, 3 HP
C	FEATURE PUMP	208-230V	PENTAIR, EQKT500, 340604, 5 HP
D	CHLORINE FEEDER PUMP	115V	STENNER 45M5
E	ACID FEEDER PUMP	115V	STENNER, 45M2
F	CHEMICAL CONTROLLER	115V	HAYWARD CAT 2000
G	100 WATT SERVICE LIGHT FIXTURE	115V	INTERMATIC, VPXG11GCI 100W
H	GFCI DUPLEX RECEPTACLE	115V	PASS & SEYMOUR
I	ELECTRICAL INTERLOCK	115/208-230V	MCG, 40A DEFINITE PURPOSE CONTACTOR
J	FEATURE CONTROLLER	115/208-230V	AQUAWORX FEATURE CONTROLLER
K	ACTIVATION BOLLARD	12/24/115V	AQUAWORX FEATURE ACTIVATOR
L	UV SANITIZER	115-120V	CHLORKING, SAG480

**FEEDER & CIRCUIT SCHEDULE:**

MARK	CONDUCTORS			CONDUIT	REMARKS
	PHASE	NEUTRAL	GROUND		
1					PANEL FEED
2	3 -#10		1 - #10	1"	UL SEALTITE
3	3 -#10		1 - #10	1/2"	UL SEALTITE
4	1 -#12	1 - #12	1 - #12	1/2"	SEALTITE TO PANEL
5	1 -#12	1 - #12	1 - #12	1/2"	SEALTITE TO PANEL
6	1 -#12	1 - #12	1 - #12	1/2"	SEALTITE TO PANEL
7	2 -#18	1 - #18	1 - #18	1/2"	SEALTITE TO PANEL
8	CONDUCTORS AND CONDUIT INSTALLED BY OTHERS				

**PANEL SCHEDULE:**

THREE-PHASE, 4-WIRE — 208Y/120 VAC OR 240 VAC INSULATED/BONDABLE NEUTRAL CURRENT WITHSTAND RATING MAX. RMS. SYM. 10,000A 12/240V					
CIRCUIT	POLE	TRIP	LOAD	AMPS	
1-3	3	30A	REC. PUMP W/INTERLOCKED CHEMICALS	13.2	
4-6	3	30A	FEATURE PUMP	13.9	
7	1	20A	GFCI	3.0	
8	1	20A	SERVICE LIGHT	1.5	
9	1	20A	FEATURE CONTROLLER	1.1	
10	1	20A	UV SANITIZER	4.8	
11-12			SPARE		
TOTAL MAXIMUM LOAD				37.5	



**ELECTRICAL RISER**

SCALE: 3/4" TO 1'

**135-257 INTERACTIVE WATER FEATURE  
ELECTRICAL RISER DIAGRAM**

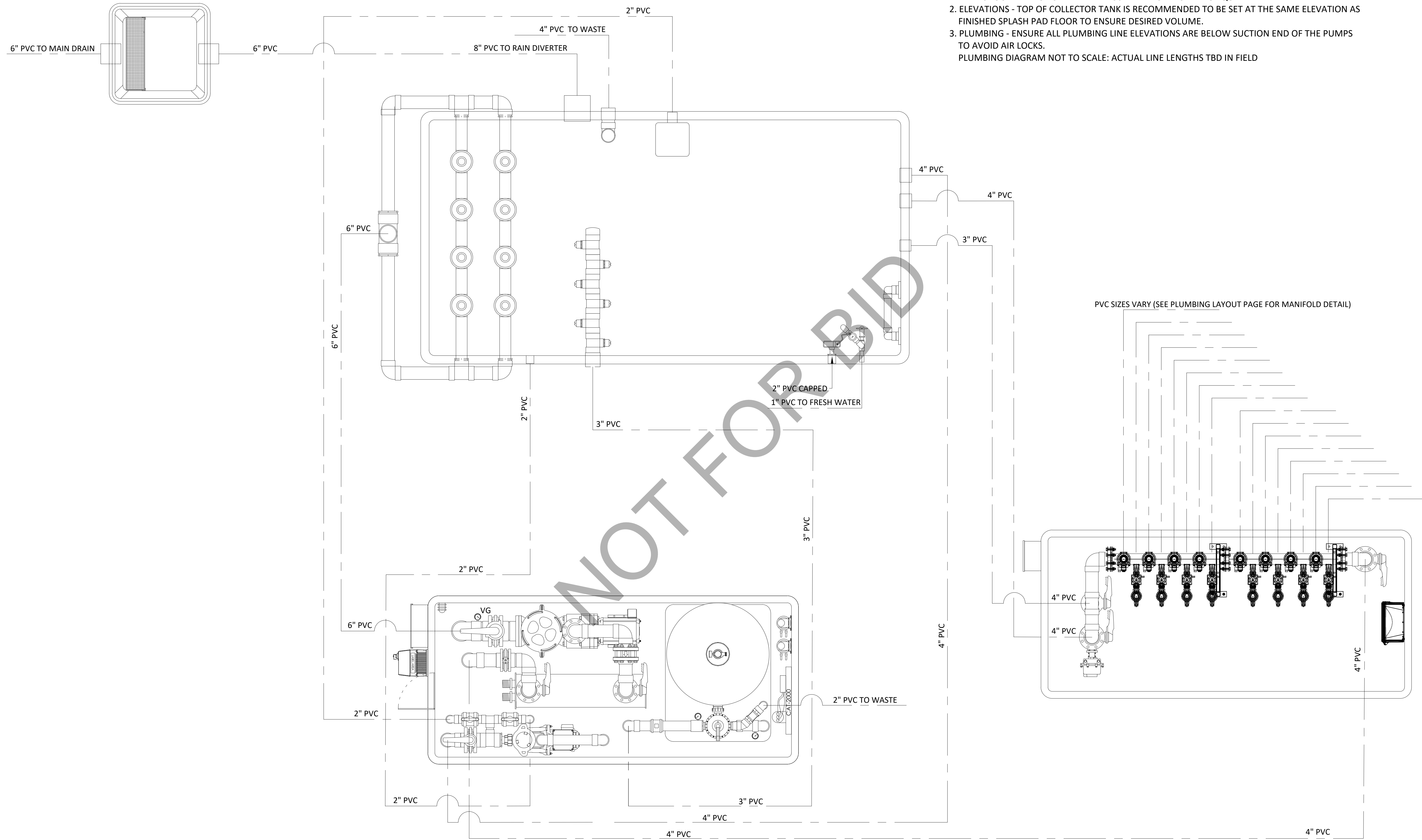
CPS	
EQ DESIGN	DWG NO

AW081922

VER.	1	OPT.	A	TYPE	EQ	R2	SHEET	4 of 5	DATE	05 - 16 - 24
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Aquaworx Inc. ~10601 Oak Street NE ~ Saint Petersburg, FL 33716  
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**NOTES:**

- 1. COLLECTOR TANK - MAIN DRAIN SHOULD SLOPE CONTINUOUSLY TO COLLECTOR TANK. MAIN DRAIN PIPING SHOULD NOT EXCEED 100' FROM PAD TO COLLECTOR TANK. TANK SHOULD BE NO FURTHER THAN 30 FEET FROM PUMPING EQUIPMENT.
  - 2. ELEVATIONS - TOP OF COLLECTOR TANK IS RECOMMENDED TO BE SET AT THE SAME ELEVATION AS FINISHED SPLASH PAD FLOOR TO ENSURE DESIRED VOLUME.
  - 3. PLUMBING - ENSURE ALL PLUMBING LINE ELEVATIONS ARE BELOW SUCTION END OF THE PUMPS TO AVOID AIR LOCKS.
- PLUMBING DIAGRAM NOT TO SCALE: ACTUAL LINE LENGTHS TBD IN FIELD

PVC SIZES VARY (SEE PLUMBING LAYOUT PAGE FOR MANIFOLD DETAIL)

NOT FOR BID

PD  
AWSP-5

# SPLASH PAD EQUIPMENT PLUMBING DIAGRAM

SCALE: 3/4" TO 1'

135-257 INTERACTIVE WATER FEATURE PLUMBING LAYOUT RISER		DATE	5 of 5	05 - 02 - 23
AW081922		SHEET	R2	
CPS		REV.	EQ	
EQ DESIGN		TYPE	A	
		OPT.	1	
		VER.		
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