

GENERAL NOTES

SOILS:

1. THE FOLLOWING IS DETERMINED BY RATIONAL ANALYSIS: A MINIMUM SAFE DESIGN BEARING CAPACITY OF 1500 PSF EXISTS AT THIS SITE AND IS THE MINIMUM REQUIRED. THE POOL(S) AND THE DECK(S) SHALL BE PLACED ON UNDISTURBED SOIL FREE FROM ORGANICS OR DELETERIOUS MATERIALS. IF UPON EXCAVATION, CONDITIONS DEFER FROM ABOVE, THEN A SOIL TEST BY A GEOTECHNICAL ENGINEER WILL BE REQUIRED.

PIPING:

1. ALL PIPING TO BE PVC SCH-40 MINIMUM, NON-THREADED AND MUST BEAR THE NSF-PW STAMP AND MUST BEAR THE STAMP OF THE MANUFACTURER. SHALL COMPLY WITH 424.213.3, 424.2.8 AND 605.21 F.B.C.
2. ALL PRESSURE PIPING AND MAIN DRAIN PIPING MUST BE PRESSURE TESTED DURING THE TIME OF ROUTINE INSPECTION BY THE BUILDING DEPARTMENT. MINIMUM 35 PSI FOR 15 MINUTES. NONE- PRESSURE GRAVITY DRAIN (GUTTERS) PIPING SHALL BE TESTED BY FILLING WITH WATER TO THE POINT OF OVERFLOW AND ALL JOINTS SHALL BE TIGHT. ALL PARTS OF THE POOL PIPING MUST BE TESTED IN ACCORD WITH 424.212 FLORIDA BUILDING CODE.
3. ALL VALVES SHALL BE TAGGED WITH PERMANENT TAGS AND COMPLETE OPERATING INSTRUCTIONS SHALL BE POSTED IN A WATERPROOF FRAME IN THE POOL EQUIPMENT ROOM.
4. ALL PIPING SHALL BE SUPPORTED ON 4'-0" MAXIMUM CENTERS ON EITHER CLEVIS TYPE HANGERS, WATER PACKED FILL OR AS SHOWN IN THE WALL SECTION PIPING.
5. PLASTIC PIPES SUBJECT TO A PERIOD OF PROLONGED SUNLIGHT EXPOSURE MUST BE COATED TO PROTECT IT FROM U.V. LIGHT DEGRADATION. OR IF THE PIPE, DURING THE MANUFACTURING PROCESS, ACHIEVES THE SAME END RESULT.
6. WASTE WATER DISPOSAL SHALL COMPLY WITH F.B.C 802.
7. WATER SUPPLY SHALL AND DISPOSAL SHALL BE SO ARRANGED THAT THERE IS NO CROSS CONNECTION WITH A DOMESTIC WATER SUPPLY OR WATER DISPOSAL SYSTEM AND SHALL MEET THE REQUIREMENTS AS SET FORTH IN THE F.B.C. 424.2.9.
8. ALL PVC PIPING SHALL COMPLY WITH F.B.C. 605.21 (USE PURPLE PRIMER CONFORMS TO ASTM F 656 AND NOT PURPLE IN COLOR SOLVENT CEMENT CONFORMS TO ASTM D 2564 OR CSACAN/CSA-B137.3 AND APPLIED IN ACCORDANCE WITH ASTM D 2855.
9. ALL HEATING EQUIPMENT SHALL BE INSTALLED WITH FLANGES OR UNION CONNECTION ADJACENT TO THE HEATER(S).

POOL WET DECKS:

1. POOL DECKS SHALL SLOPE AWAY FROM THE POOL AT A MINIMUM OF TWO PERCENT TO A MAXIMUM OF FOUR PERCENT TO PROVIDE ADEQUATE DRAINAGE.
2. THE SURFACE OF ALL DECKS (4'-0" MIN. CLEAR) AND WALKWAYS TO THE TOILETS (THE FIRST 15') SHALL BE IMPERVIOUS AND SLIP RESISTANT.
3. THERE SHALL BE A MIN. OF 4'-0" UNOBSTRUCTED DECK AROUND ALL POINTS OF THE POOL, HANDRAIL(S) AND LADDER(S)

STRUCTURAL

1. ALL CONCRETE SHALL CONFORM TO ACI 318-83 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF $f_c = 3,000$ PSI.
2. CONCRETE MAY BE PLACED CONVENTIONALLY IN FORMS OR PNEUMATICALLY PLACED USING GUNITE OR SHOTCRETE METHODS OR A COMBINATION OF BOTH.
3. REINFORCING STEEL SHALL BE ASTM DESIGNATION A615 GRADE 40 WITH A MINIMUM YIELD STRESS OF $F_y = 60$ KSI. REINFORCING BARS SHALL BE NEW DEFORMED BARS OF BILLET STEEL FREE FROM OIL, SCALE OR RUST. ALL SPLICES, LAPS AND PLACEMENT SHALL CONFORM TO ACI 318-89.
4. ALL CONCRETE MATERIALS AS WELL AS MIXING, CONVEYING, PLACING, AND FINISHING OF CONCRETE, SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318 LATEST EDITION) AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301 LATEST EDITION).
5. CURING: BEGINNING IMMEDIATELY AFTER PLACEMENT, CONCRETE SHALL BE PROTECTED FROM PREMATURE DRYING, EXCESSIVELY HOT OR COLD TEMPERATURES, AND MECHANICAL INJURY, AND SHALL BE MAINTAINED WITH A MINIMAL MOISTURE LOSS AT A RELATIVELY CONSTANT TEMPERATURE FOR THE PERIOD NECESSARY FOR HYDRATION OF THE CEMENT AND HARDENING OF THE CONCRETE. THE MATERIALS AND METHODS OF CURING SHALL CONFORM TO ACI 301

ELECTRICAL:

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE.
A MIN. OF THREE (3) FOOT CANDLES FOR OUTDOOR POOLS, 6 FOOT CANDLES FOR OUTDOOR WADING POOLS AND TEN (10) FOOT CANDLES FOR INDOOR POOLS, OF ILLUMINATION AT THE POOL WATER AND THE POOL DECK SURFACE.
2. REINFORCING STEEL SHALL BE BONDED WITH A MINIMUM OF #8 INSULATED COPPER WIRE..
3. BONDING SHALL BE IN ACCORD WITH NEC 680-22.
4. UNDERWATER LIGHTING SHALL BE LOW VOLTAGE (MAXIMUM 15 VOLTS) WITH LOW WATER CUT-OFF.
5. OVERHEAD SERVICE WIRING SHALL NOT PASS WITHIN AN AREA EXTENDING A DISTANCE OF 10 FEET HORIZONTALLY AWAY FROM THE INSIDE EDGE OF THE POOL WALLS, OBSERVATION STANDS, TOWERS OR PLATFORMS.
6. IT WILL BE THE RESPONSIBILITY OF OTHERS TO PROVIDE WRITTEN EVIDENCE AT THE TIME OF CERTIFICATION, FROM THE ELECTRICAL INSPECTOR OR THE ELECTRICAL CONTRACTOR OF COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE AND THE APPROVED PLANS.
7. ALL ELECTRICAL EXTENSION CORDS USED AROUND THE POOL AREA SHALL BE EQUIPPED WITH U.L. APPROVED GROUND FAULT INTERRUPTERS.
8. THESE PLANS DO NOT PROVIDE FOR POOL DECK LIGHTING FOR NIGHT SWIMMING. PLANS FOR NIGHT SWIMMING, IF DESIRED, MUST MEET THE REQUIREMENTS FOR OVERHEAD LIGHTING AND SHALL PROVIDE A MINIMUM OF THREE (3) FOOT CANDLES FOR OUTDOOR POOLS AND TEN (10) FOOT CANDLES FOR INDOOR POOLS, OF ILLUMINATION AT THE POOL WATER AND THE POOL DECK SURFACE. IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE THESE PLANS AND CALCULATIONS, SEALED BY A PROFESSIONAL ENGINEER, TO THE COUNTY HEALTH DEPARTMENT.
9. MOTORS IN OTHER THAN DWELLING UNITS: WIRING SUPPLYING POOL PUMP MOTORS RATED 15 AND 20 AMPERES, 125 VOLT OR 240 VOLT SINGLE PHASE, WHETHER BY RECEPTACLE OR DIRECT CONNECTION, SHALL BE PROVIDED WITH G.F.C.I. PROTECTION.

GENERAL:

1. ALL WORK SHALL BE IN ACCORD WITH CHAPTER 64E-9, FLORIDA ADMINISTRATIVE CODE, AND FLORIDA BUILDING CODE.
2. ALL DIMENSIONS AND FIELD CONDITIONS SHALL BE VERIFIED BY THE POOL CONTRACTOR AND THE GENERAL CONTRACTOR PRIOR TO CONSTRUCTION. ANY CHANGES OR DEVIATIONS TO THE PLANS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE AT ALL TIMES.
3. THE POOL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING EXCAVATION TO PROTECT EXISTING STRUCTURES.
4. THE POOL CONTRACTOR SHALL TAKE ADEQUATE CARE TO PROVIDE WEEP HOLES AND DE-WATERING PUMP(S) AND ANY OTHER METHODS NECESSARY TO PREVENT THE POSSIBILITY OF THE POOL FLOATING DUE TO HYDROSTATIC UPLIFT WHEN THE POOL IS EMPTY.
5. POOL EQUIPMENT MUST RUN ON A 24 HOUR BASIS UNLESS TIMING DEVICES ARE INSTALLED. THE SHUT DOWN OF THE RECIRCULATION AND FILTRATION SYSTEMS MUST NEVER BE DURING A PERIOD 3 HOURS PRIOR TO THE OPENING OF THE POOL, DURING A PERIOD WHEN THE POOL IS OPEN AND DURING A PERIOD 3 HOURS AFTER THE POOL IS CLOSED.
6. HOSE BIBBS IN THE POOL AREA, POOL EQUIPMENT ROOM AND IN THE POOL SANITARY (TOILETS) FACILITIES SHALL BE EQUIPPED WITH VACUUM BREAKERS.
7. BACKFILLING OF THE POOL SHALL BE DONE CAREFULLY TO ASSURE THAT NO DAMAGE TO THE PIPING OCCURS AND BACKFILLING SHALL BE DONE WITH CLEAN SOIL FREE FROM ORGANICS AND DEBRIS AND SHALL BE COMPACTED SO THAT NO VOIDS EXIST PROVIDING A FIRM BEARING FOR THE DECK.
8. THIS POOL WILL NOT BE OPEN TO THE PUBLIC UNTIL A PERMIT HAS BEEN ISSUED BY THE COUNTY HEALTH DEPARTMENT.
9. THE POOL DECKS SHALL BE DESIGNED AND CONSTRUCTED BY OTHERS AND MUST MEET ALL OF THE REQUIREMENTS AS SET FORTH IN 64E-9, FLORIDA ADMINISTRATIVE CODES.
10. MAKE-UP WATER MUST BE FROM AN APPROVED POTABLE SOURCE AND INTRODUCED INTO THE POOL WITH AN AIR SPACE OVER THE FILTER/COLLECTOR TANK.
11. NO FIELD SUPERVISION OR INSPECTIONS WILL BE MADE BY THE ENGINEER UNLESS SPECIFICALLY CONTRACTED FOR SEPARATELY.

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<p>REVISIONS</p>	
<p>SUWANNEE VALLEY RESORT</p>	
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<p>AQUATAN POOLS OF FLORIDA INC.</p>	
<p>CRAIG PERKINS 561 248 0299</p>	
<p>TITLE</p>	
<p>SUWANNEE VALLEY RESORT</p>	
<p>DESCRIPTION</p>	
<p>786 NW STEVEN FOSTER DRIVE WHITE SPRINGS, FL. 32096</p>	
<p>Scale: 1/8" = 1'-0"</p>	
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