

Pool Dimensions:
 Maximum length: 37'
 Maximum width: 23'
 Minimum depth: 3'6"
 Maximum depth: 6'
 Perimeter feet: 98 L/F
 Square feet: 600 SF

Spa:
 Max Length: 7'D
 Square Feet: 50 SF

Pool Equipment:
 Pump: 1.5 hp JANDY PUMPS
 Filter: CL420 CARTRIDGE
 Chem Type: SALT
 Lighting: (2) 12 volt LED
 Heater: 400K BTU
 Reinforcement:
 Steel C x C: 12 INCH
 Rebar Size: #3 3/8"
 Piping:
 Returns: 2w/2" PIPE
 Skimmer: 2w/2" PIPE
 Drain: VGB COMPLIANT
 DOUBLE ANTI VORTEX
 Auto sweep: FPA AF17180
 Coping: BLUE STONE
 Tile: 6" STONE
 Inside finish: PEBBLED

NOTES:

- #3 (3/8") REBAR SCHED .40 SPEC. 615 USED THROUGHOUT POOL EXCEPT IN BEAM
- STEEL WILL BE 12" O.C. EXCEPT IN BOND BEAM.
- BOND BEAM WILL BE 3 BARS #4 (1/2")
- STARTING AT 6 1/4" DEPTH AND RUNNING AROUND THE DEEP END BOWL TO THE OPPOSITE SIDE OF THE POOL AT THE 6 1/4" DEPTH. #3 REBAR SHALL BE INSTALLED ON 12" CENTERS
- ALL STEEL TO BE CONTINUOUS BY SPLICING.
- ALL SPLICES SHOULD BE APPROXIMATELY 18" WITH A MINIMUM OF 12" AND TWO TIES.
- ALL STEEL WILL BE BLOCKED 2" OFF DIRT.
- ADD #3 @ 10.0' LONG @ 12" VERT. MAKING A TOTAL OF #3 VERT. @ 6" O.C.. #3 TO BEGIN 2'0" INTO THE FLOOR & EXTEND UPWARD INTO THE WALL. ADD #3 @ 6" O.C. 2' INTO SHALLOW END EXTENDING DOWN BREAK 2' DEEP INTO THE DEEP END FLOOR.

② SIDE PROFILE (807.1) 4.5 RISE / 28 RUN = 0.1607
 NC 12/1/2024
 POOLSTEPS AND COPING TO BE SLIP RESISTANT (306.2)

① DETAILS

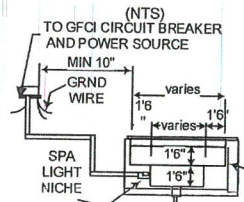
#10 WIRE 60 AMP
 230 V WITH OVERCURRENT
 ALARM AND SHUTOFF

2" PVC PIPE TO
 SKIMMERS AND RETURNS
 POOL HAS NO AUTOFILL
 OR DISCHARGE SYSTEM
 (ISPS SEC 311)

ALL PUMP MOTORS AND WET
 NICHE FIXTURES ARE
 PROTECTED WITH GFCI
 OVERCURRENT DEVICES

③ OVERVIEW

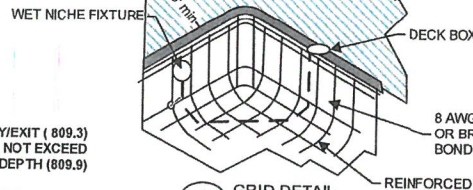
Pool covers. Heated pools shall be equipped with a vapor-retardant pool cover on or at the water surface. Pools heated to more than 90°F (32°C) shall have a pool cover with a minimum insulation value of R-12. (2009 IECC403.9.3)



⑥ SPA DETAIL

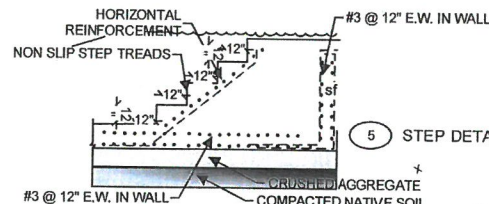
BENCH ENTRY/EXIT (809.3)
 SHALL NOT EXCEED
 20" IN DEPTH (809.9)

DUAL
 ANTI VORTEX
 V.G.B. COMPLIANT
 MAIN DRAIN (3' APART)
 COMPLIANT WITH
 ANSI/APSP-7
 (ANTI SUCTION ENTRAPMENT
 ISPS SEC 310)

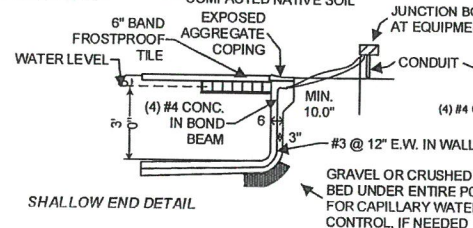


④ GRID DETAIL 2018 NEC (680.26)

EQUIPOTENTIAL BONDING AND BONDING GRID:
 * BONDING SHALL BE DONE IN ACCORDANCE WITH SECTION 680.26 OF THE NATIONAL ELECTRICAL CODE (NEC)



⑤ STEP DETAIL

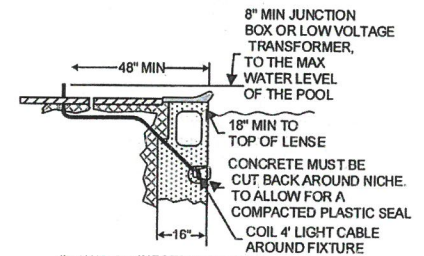


⑧ WALL DETAIL

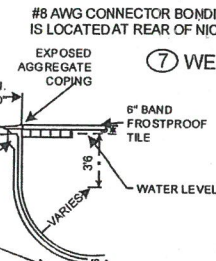
ISPS Section 305.4

Where a wall of a dwelling or structure serves as part of the barrier, doors and operable windows with a sill height of less than 48 inches that provide direct access to the aquatic vessel through the wall, shall be equipped with one or more of the following:

- An alarm that produces an audible warning when the door or its screen or window, is opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017. In dwellings or structures not required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located 54 inches or more above the threshold of the door. In dwellings or structures required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located not greater than 54 inches and not less than 48 inches above the threshold of the door.



⑦ WET NICHE FIXTURE (NTS)



DEEP END DETAIL

24 HR Contact: RON COKER JR.
 Phone: 404-557-3265

****RELEASED FOR CONSTRUCTION

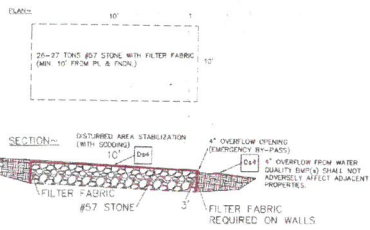
CURRENT APPLICABLE CODES FROM
 2012 ISPS CODE FOR SWIMMING POOLS AND SPAS

E00-122

Designed for:

JUDI-LEE WEBB
 3341 PRETTY BRANCH DR.
 SMYRNA GA. 30080

3/32=1'



AG 105.2 OUTDOOR SWIMMING POOL:
AN OUTDOOR SWIMMING POOL, INCLUDING AN IN-GROUND, ABOVE GROUND, OR ON GROUND POOL, HOT TUB OR SPA SHALL BE PROVIDED WITH A BARRIER WHICH SHALL COMPLY WITH THE FOLLOWING:

1. THE TOP OF THE BARRIER SHALL BE AT LEAST 48" (1219 mm) ABOVE GRADE MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE SWIMMING POOL. THE MAXIMUM VERTICAL CLEARANCE BETWEEN GRADE AND THE BOTTOM OF THE BARRIER SHALL BE 2 INCHES (51 mm) MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE SWIMMING POOL. WHERE THE TOP OF THE POOL STRUCTURE IS ABOVE GRADE, SUCH AS AN ABOVE GROUND POOL, THE BARRIER MAY BE AT GROUND LEVEL, SUCH AS THE POOL STRUCTURE, OR MOUNTED ON TOP OF THE POOL STRUCTURE. WHERE THE BARRIER IS MOUNTED ON TOP OF THE POOL STRUCTURE, THE MAXIMUM VERTICAL CLEARANCE BETWEEN THE TOP OF THE POOL STRUCTURE AND THE BOTTOM OF THE BARRIER SHALL BE 4" (102mm).
2. OPENINGS IN THE BARRIER SHALL NOT ALLOW PASSAGE OF A 4" DIAMETER (102 mm) SPHERE.
4. WHERE A BARRIER IS COMPOSED OF HORIZONTAL AND VERTICAL MEMBERS AND THE DISTANCE BETWEEN THE TOPS OF THE HORIZONTAL MEMBERS IS LESS THAN 45", THE HORIZONTAL MEMBERS SHALL BE LOCATED ON THE SWIMMING POOL SIDE OF THE FENCE. SPACING BETWEEN VERTICAL MEMBERS SHALL NOT EXCEED 1.75 INCHES IN WIDTH

GATE NOTE:
(AG 105.2 - 8)

ACCESS GATES SHALL COMPLY WITH THE REQUIREMENTS OF SECTION AG 105.2, ITEMS 1-7, AND SHALL BE EQUIPPED TO ACCOMMODATE A LOCKING DEVICE. PEDESTRIAN ACCESS GATES SHALL OPEN OUTWARD AWAY FROM THE POOL AND SHALL BE SELF-CLOSING AND HAVE A SELF-LATCHING DEVICE. WHERE THE RELEASE MECHANISM AND OPENINGS SHALL COMPLY WITH THE FOLLOWING:

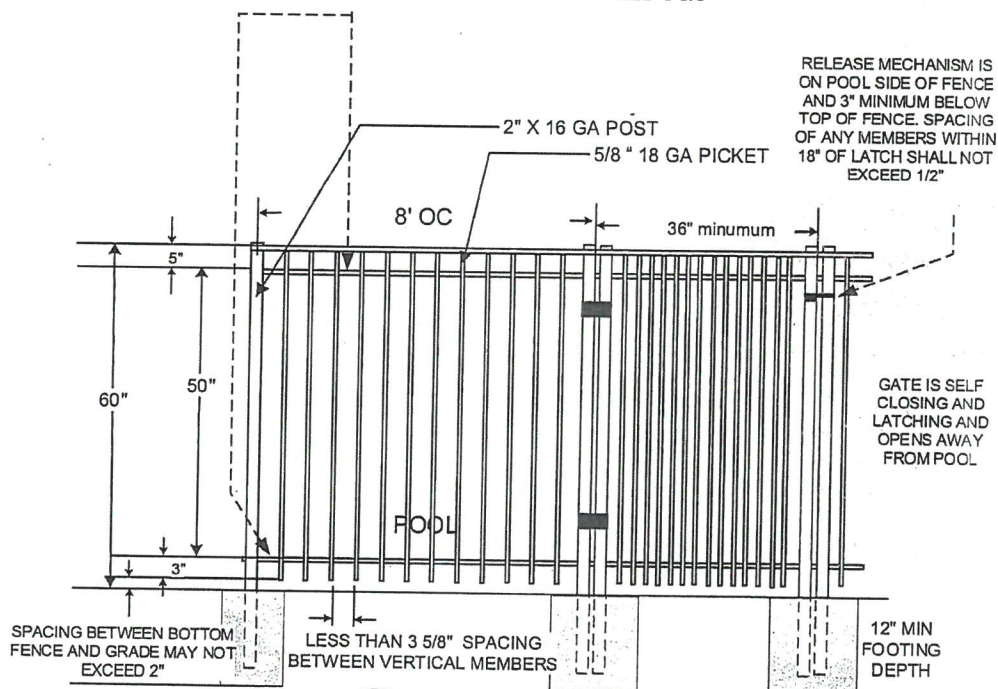
- 8.1 THE RELEASE MECHANISM SHALL BE LOCATED ON THE POOL SIDE OF THE GATE AT LEAST 3" (76mm) BELOW THE TOP OF THE GATE, AND
- 8.2 THE GATE AND BARRIER SHALL HAVE NO OPENING GREATER THAN 0.5" 912.7mm) WITHIN 18" (457mm) OF THE RELEASE MECHANISM.

9. WHERE A WALL OF A DWELLING SERVES AS A PART OF THE BARRIER ONE OF THE FOLLOWING CONDITIONS MUST BE MET:

9.2 ALL DOORS WITH DIRECT ACCESS TO THE POOL THROUGH THAT WALL SHALL BE EQUIPPED WITH AN ALARM WHICH PRODUCES AN AUDIBLE WARNING WHEN THE DOOR AND ITS SCREEN, IF PRESENT, ARE OPENED. THE ALARM SHALL SOUND CONTINUOUSLY FOR 30 SECONDS IMMEDIATELY AFTER THE DOOR IS OPENED AND BE CAPABLE OF BEING HEARD THROUGHOUT THE HOUSE DURING NORMAL HOUSEHOLD ACTIVITIES. THE ALARM SHALL AUTOMATICALLY RESET UNDER ALL CONDITIONS. THE ALARM SHALL BE EQUIPPED BY A MANUAL MEANS, SUCH AS TOUCHPAD OR SWITCH, TO TEMPORARILY DEACTIVATE THE ALARM FOR A SINGLE OPENING. SUCH DEACTIVATION SHALL LAST FOR NOT MORE THAN 15 SECONDS. THE DEACTIVATION SWITCH(ES) SHALL BE LOCATED AT LEAST 54" (1372mm) ABOVE THE THRESHOLD OF THE DOOR; OR

9.3 OTHER MEANS OF PROTECTION, SUCH AS SELF-CLOSING DOORS WITH SELF-LATCHING DEVICES, WHICH ARE APPROVED BY THE GOVERNING BODY, SHALL BE ACCEPTABLE SO LONG AS THE DEGREE OF PROTECTION AFFORDED BY ITEM 9.1 OR 9.2 DESCRIBED ABOVE.

WHEN THE SPACING BETWEEN THE TOPS OF THE HORIZONTAL MEMBERS EXCEEDS 45" THEN THEY MAY BE LOCATED ON EITHER SIDE OF THE FENCE AND THE SPACING BETWEEN VERTICAL MEMBERS CAN NOT EXCEED 3 5/8"



1 POOL GATE DETAIL 1/2" = 1'

60" ALUMINUM POOL FENCE

