

FLORIDA BUILDING CODE R4501

SPECIAL SPA REQUIREMENTS:

THE POOL CONTRACTOR IS RESPONSIBLE FOR EURSHWIGH ALL DEFIAL INSIGN REQUIREMENTS. FOR EACH NOVIDIAL POOL IN ACCORDANCE WITH THE FLOREN BUILDING CODE, AND ALL OWNERS INCLUDES BUILDING CODE, AND ALL OWNERS INCLUDES BUILDING CODE, AND THE POOL PLAN SHALL MEET ALL APPLICABLE CODES INCLUDING FLUMBRIGH, ELECTRICAL AND CASE, PIPING SHALL BE SCH. 40 PVC, NSTPM, MAX. PRESSURE YEACHTY 16 PS SUCTION OF ELECTRICAL AND FACES INCLUDING FLUMBRIGH ELECTRICAL WITH THE INFORMATION REQUIRED SHOWN, MAIN DRAIN PLANBING SHALL BET WOR DAINS SEPARATIOD BY THE PROPOSED AND THE PROPOSED AND THE PROPOSED AND THE PROPOSED SHOWN WITH A PROPOSED THE ANDES THE TWO DRAINS SHALL HAVE A COMMON SUFFICION LINE, SUCTION SHALL HAVE A COMMON SUFFICION LINE, SUCTION OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE USED IF APPROVED AT A MAXIMUM OF A CHARLES MAY BE A CHARLES MAY BE

MAXIMUM WATER DEPTH 4; MAXIMUM SEAT DEPTH 28; MAX.

FLOOR SLOPE 1:12

FLOOR SLOPE 1:12

FLOOR SLOPE 1:17

FLOOR SLOPE 1:

OF 1½ PS AND THE SUCTION PIPING IS RECESSED FROM THE GRATE THE DISTANCE EQUAL TO THE SUCTION PRE SIZE. SKIMMERS DO NOT REQUIRE PROTECTION AND MUST BE DESIGNED FOR A MINIMUM 25 gpm.
THE FOLLOWING SHALL BE LABELED WITH
LABEL MARKER TAPE AT THE FILTER LOCATION:
PIPES, VALVES, PUMP(S) OFF SWITCH.

ELECTRICAL REQUIREMENTS:

-WIRING AND BONDING AND ALL ELECTRICAL TO COMPLY WITH CHAPTER 27, FLORIDA BUILDING CODE THE ENTIQUARESIDENTIAL AND NEC 2017.
7NO CUTLET OR OVERHEAD POWER WITHIN 10 IF WITHIN 15 "ROTECT BY GIF, TRANSFORMER, MIN. 10 FROM POOL, ERAON TOOL, E* ABOYE WATER, J. 804 ST FROM POOL, BRASS TO J BOX OR TRANSFORMER, WHICH EVER IS.

BRASS TO J BOX OR TRANSFORMER WHICH EVER IS. FIRST EXCEPT WHERE PVC IS APPROVE

BEAM DETAIL

SAMPLE ONLY, EACH APPLICATION FOR PERMIT SHALL
BE BASED ON A TOTAL DYNAMIC HEAD OF 60A. ONOTHOR ALINGO Received TOF

STEEL AT SKIMMER BEAM DETAIL

Pool Volume: 500 sq. ft., 4 ave depth x 7,481 galef = 15,000 gallons
Turnover Time in Hours: 6 bours x 60 min/hr = 360 minutes
Flow Rate: 15,000 gallons / 360 minutes = 47 gpm Determine System Flow Rate:
Minimum Flow Rate Required: 35gpm per skimmer (Required: 1 Skimmer per 800 sf)

Compliance DEPONIES MENGLES AND CONTRICTOR AND MEDITAL SHALL BE RECESSED OR COLUMN A SYNTAM COMPONENTS AND CONTRICTOR AND EQUIPMENT SHALL BE RECESSED OR COLUMN A CHARLES AND EQUIPMENT SHALL BE AND ARE IS 12 HOURS. FILL TERS SHALL LINES SHALL MEET ANSIGH AND PRESSURE GAME. TO AN AR RELEASE AND PRESSURE GAME. TO AN AR RELEASE AND MEET THE SHALL BE AND AND THE REQUIRED DAY. WITH STRAINER AND MEET SHALL SHALL MEET AND CORROSION RESISTANT WITH STRAINER AND MEET THE SHALL BE AND SHALL MEET AND ON THE SHALL BE THAT THE FEET OF SHEAKER SHALL BE AND SHALL MEET AND ON THE SHALL BE THAT THE SHALL BE AND CONSTRUCTION OF SHEAKER SHALL BE ASSIGN AT LEAST ON FER AND SHALL INCORPORATE A CONVENIENT MANS OF SEALING FOR PRESSURE THAN ONE SHALT IS RECUIRED THE SHORTEST DISTANCE BETWEEN ANY TWO REQUIRED THE SHORTEST DISTANCE BETWEEN ANY TWO RECUIRED THAN THE ARE SHALL MEET ANSI-231.46 OR UL 1261 OR

Code

DISINECTANT EQUIPMENT SHALL COMPLY WITH NET 90.

NET 90.

PRESSURE TEST PIPMS AT 15 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER.

ARESIDENTIAL SWIMMING BARRIER REQUIREMENTS TO MEET FORTON AND AND ADDRESS OF THE PROPERTY OF THE PROPER

RIGALIO (MANDATIORY)
POOLS & PERMANENT SPA ENERGY CONSUMPTION
- THE ENERGY CONSUMPTION OF POOLS AND PERMANENT
SPAS SHALL BE IN ACCORDANCE WITH SECTIONS R4ID; IG.I
TIROUGH R40], IG.I WASTE DISPOSAL TO COMPLY WITH SECTION 454.2.10

IT HAS BEEN CERTIFIED THAT THESE DESIGN
REQUIREMENTS ARE IN COMPLANCE WITH THIS
FLORIDA BUILDING CODE THE EDITION, RASH, ANSH, ANSH, APSPICC 6, AND
ANSH, APSPICC 4, ANSH, APSPICC 1, ANSH, APSPICC 15,
ANSH, APSPICC 7, ANSH, APSPICC 1, ANSH, APSPICC 15,

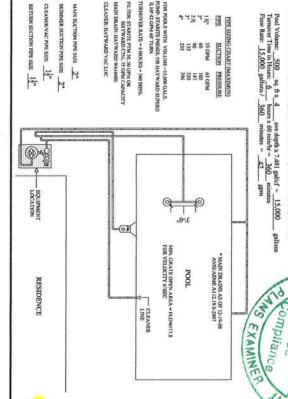
LAUREN L. GANSKOP 736 SW ARBOR LANE LAKE CITY, FL 32024

and/or Spa Design

POOL TYPE. SEE NSH FOR DIVING WATER ENVELOPES. SLIDISS SHALL MEET THE MANUFACTURES INSTALLATION REQUIREMENTS. ALL POOLS WHETHER RUBLC OR PRIVATE SHALL BE PROVIDED WITH A LADDER OR STEE'S IN THE SHALLOW MIN LIFE THE WATER DEPTH EXCREDS 24 INCRES (6) MAI, IN PRIVATE POOLS WHERE WATER DEPTH EXCREDS SEE'S INCRES OR LYDDEWALTER BROWLESS (FALL BE LADDERS, STARS OR WHERE MANUFACTURED DIVING EQUIPMENT IS TO BE WHEN MANUFACTURED DIVING EQUIPMENT IS TO BE G.B. COLLINS ENGINEERING P.A. CERTIFICATE OF AUTHORIZATION 27934

REQUIREMENTS OF APSP/ICC 3, APSP/ICC 4, APSP/ICC 5, AND APSP/ICC 6 AND APSP/ICC 7 BASED ON THE DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMITY WITH THE GENERAL DESIGN REQUIREMENTS

AQUATIC ENGINEERING CONSULTANTS 300 ALTERNATE 19 NORTH, SUITE A PALM HARBOR, FLORIDA 34683 gb_collins@verizon.net



POOL/SPA, DECK, BEAM, WALL, FLOOR

CLEANERVAC PIPE SIZE 15"

SKIMMER SUCTION PIPE SIZE 2" MAIN SUCTION PIPE SIZE 2"

RETURN SUCTION PETE SIZE 15"

Structural subject to suitable soil conditions

6". Ma. WALL & FLOOR THICKNESS, 1000 pd (MIN) CONC., #1 BARS ON 12" CENTERS EITHER WAY. THE ALT IN TRESSECTIONS 15" MIN OVERLAP.
2" MIN COVERAGE ON STEEL WICKNE. TO ASTM A.15. A.16. ASTM A.30-5

OR (1) #5 BAR

BEAM & "T" BAR OPTIONAL

PER CONTRACT

CLEANER: HAYWARD VAC LOC

PAVERS OR 4" DECK 3,000 psi (Min.) CONC. W/#3 BAR, 30" O.C.

PIPE SIZING

SUCTION

65 GPM 105 147 230 396

Samuel A
Liberatore
2021.10.15
11:31:53 -04:00'

Standard Residential Pool

55

COMPLIES WITH FLORIDA BUILDING CODE, 7TH EDITION (2020)

FLOATS INSTALLED IF LESS THAN 4:-6" OFTIONAL 12V LIGHT WITNAMS, Y." BRASS OR PVC (SEE NOTES) GENERAL POOL PLAN SWIM-OUT OR LADDER REQUIRED (GR/48 CU) WHERE DEPTH OVER 5' DEEP (SEE NOTES) POOL SECTION DETAIL 2-9" Min. EXCEPT FOR SLOPING ENTRIES. 4-9" Min. N.T.S. NO LIMITATIONS TO SHAPE EXCEPT FOR DIVING N.T.S. 100 Min. TO SLOPE CHANGE ENTRY REQUIRED (SEE NOTES) REBAR, 2" OUT WITH #8 CU TO PUMP 4 11.0° Max.

STEEL AT SKIMMER BEAM DETAIL SKIMMER NOTCH-OUT FOR CONTINUOUS BEAM (2) FO BARS STEEL AS BAR @ 12" O.C.E.W. MIN. STEEL COVERAGE

FLORIDA BUILDING CODE R4501

SPECIAL SPA REQUIREMENTS:

SKIMMER REQUIRED
FOR SPA WITH
INDEPENDENT
FILTRATION SYSTEM

THE POOL CONTRACTOR IS RESPONSIBLE FOR FUNDANTIAL TOR IS RESPONSIBLE FOR FUNDANTIAL TOR IS RESPONSIBLE FOR FUNDANCE WITH FUNDANCE WITH THE FLORIDA BUILDING CODE, AND ALL CONSTRUCTION SHALL MERT ALL APPLICABLE CODES NOLLDING FUNDANCE FUNDANCE WITH THE FLORIDA BUILDING FUNDANCE FUNDANCE WITH THE CODES NOLLDING FUNDANCE FUNDANCE

-MAXIMUM WATER DEPTH 4; MAXIMUM SEAT DEPTH
28; MAX.
14-DOS SLOPE 1:12
14-DOS SLOPE 1:12
15-DOS SLOPE 1:12
16-DOS SLOPE 1

RAIL OPTIONAL

WIRMC AND BONDING AND ALL ELCTRICAL TO COMPLY WITH CHAPTER 27, FLORIDA BUILDING CODE THE EDITION-RESIDENTAL AND NEC 20.17. AND OUTLET OR OVERHEAD POWER WITHIN 10 IF WITHIN 15 FROTECT BY GIFT, ITANSFORMER MIN. 10 FROM POOL, 8° ABOVE WATER, 180X 4° FROM POOL, 8° ABOVE WATER, 180X 4° FROM POOL, 8° ABOVE WATER, 180X 10 FROM POOL 8° ASOVE WATER 180X 10 FROM

SAMPLE ONLY, EACH APPLICATION FOR PERMIT SHALL BE BASED ON A TOTAL DYNAMIC HEAD OF 60 ft.

Determine System Flow Rate: Minimum Flow Rate Required: 35gpm per skimmer (Required: 1 Skimmer per 800 sf)

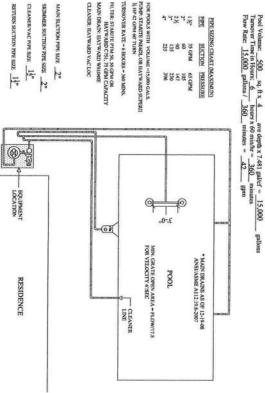
ELECTRICAL REQUIREMENTS:

BEAM NOTCH-OUT OR CUT-OUT FOR SKIMMER

GENERAL SPA PLAN

NO LIMITATIONS ON SHAPE > LIGHTING & BONDING SAME AS

(TAMPER PROOFSEE NOTES)



POOL/SPA, DECK, BEAM, WALL, FLOOR

N.T.S.

CLEANER/VAC PIPE SIZE 14"

RETURN SUCTION PIPE SIZE 15"

COMPLIES WITH FLORIDA BUILDING CODE, 7TH EDITION (2020)

11:31:53 -04 00 2021.10.15 SKIMMER SUCTION PIPE SIZE 2"

MAIN SUCTION PIPE SIZE 2"

Structural subject to suitable soil conditions

6" Min. WALL & FLOOR THICKNESS, AGO 94 (MINS) CONC. 83 BARS ON 13" CENTERS ETHER WAY, THE ALT, INTERSECTIONS 15" MIN. OPERLAP. 2" MIN.COVERAGE ON STEEL WICONC. TO ASTM A15. A16. ASTM A39.5

OR (1) #5 BAR

W/(2) #3 BARS

PER CONTRACT

CLEANER: HAYWARD VAC LOC

REGIJ IO (MANDATORY)
POOLS & PERMANENT SPA ENERGY CONSUMPTION
- THE ENERGY CONSUMPTION OF POOLS AND FERMANENT
SPAS SHALL BE IN ACCORDANCE WITH SECTIONS RIGIS, IG.
THROUGH RIGIS, IG. MEET SECTONS 4501.17
-WASTE DISPOSAL TO COMPLY WITH SECTION 454.2.10 -PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER.
-RESIDENTIAL SWIMMING BARRIER REQUIREMENTS TO

-DISINFECTANT EQUIPMENT SHALL COMPLY WITH NSF 50.

OCTOBER 8,

Samuel A

Liberatore

IT HAS BEIN CERTIFIED THAT THESE DESIGN
REQUIREMENTS ASE IN COMPLANCE WITH THE
HEARIN, BUILDING CODE THE EDITION, RASO (ANSI/APSPICC)
ANSI/APSPICC 4, ANSI/APSPICC 1, AND (ANSI/APSPICC 1,
ANSI/APSPICC 7, ANSI/APSPICC 1, ANSI/APSPICC 15.

LAUREN L. GANSKOP 736 SW ARBOR LANE LAKE CITY, FL 32024

Standard Residential Pool and/or Spa Design

G.B. COLLINS ENGINEERING P.A CERTIFICATE OF AUTHORIZATION 27934

POOL TYPE.

SEE NSP! FOR DIVING WATER ENVELOPES.

SLIDES SHALL MEET THE MANUPACTURE'S

INSTALLATION REQUIREMENTS.

-DESIGN, CONSTRUCTION AND WORKMANSHIP
SHALL BE IN CONFORMITY WITH THE
REQUIREMENTS OF AFSINCE 3, AFSINCE 4, AFSINCE 5,
AND AFSINCE 6 AND APSINCE 7 BASED ON THE GENERAL DESIGN REQUIREMENTS

AQUATIC ENGINEERING CONSULTANTS 300 ALTERNATE 19 NORTH, SUITE A PALM HARBOR, FLORIDA 34683 gb_collins@verizon.net (727)-442-8443

ALL POOLS WHETHER BUJLE OR BRUNDERS HALL BE PROVIDED WITH ALADDER OR STEEN IN THE SHALLOW END WHERE HE WITHE DEPTH EXCEEDS 24 INCHES (600 MAM), IN PRIVATE POOLS WHERE SHALL BE LADDERS, STAKES OR WHERE MANUTHACTURED DWING EQUIPMENT IS TO BE USED, BECCHES OR SWIMOUTS SHALL BE RECESSED OR ADDITION OF STEENS, COMPONENTS AND BECCHES OR SWIMOUTS SHALL BE RECESSED OR LOCATED IN A CORNER. CRICULATION STSTEMS, COMPONENTS AND BECCHES OR SWIMOUTS SHALL BE RECESSED OR LOCATED IN A CORNER. CRICULATION STSTEMS, COMPONENTS AND BECCHES OR SWIMOUTS SHALL BE RECESSED OR LOCATED IN A CORNER. CRICULATION STSTEMS, COMPONENTS AND BECCHES OR SWIMOUTS SHALL BE RECESSED OR HE MAXIMOM TURNOVER RATE IS 12 BROWS. FILTERS SHALL INVE AN AIR RELEASE AND MEET THE REQUIRED FLOW. SUBFACE SCHAMMERS SHALL MEET ANSIUL 108; FUNDES SHALL BOOK FOR FUENT SHALL SHE SHALD FER HAD SHALL BE ONLY THE SHALL BE PROVIDED ON THE BASIS OF AT LEAST ONE FER 300 SQUARE FEET OF SUPFACE AREA. APPROVED MANUFACUTIRED DALET STINGS AND SUPERAL SHALL BE DESIGNED AND CONSTRUCTIVE REPOUNCED FOR FUENT SHALL BE PROVIDED TO INSTRUCE HE PROVIDED TO INSTRUCE AND SHALL INCORPORATE A CONVENIENT MEANS OF SHALL BE FORESTIVE TESTING OF THE POOL. SEALING FOR BRESSIVE TESTING OF THE POOL. ORGUINED IN HER SHALL BE AT LEAST ON PERIOR SHALL BE AT LEAST OF THE SHALL BE SHALL BE AT LEAST OF THE SHALL BE SHALL BE AT LEAST OF THE SHALL BE AND SHALL MEET ANSIVELY AND SHALL MEET AND SHALL MEET AND SHALL SHALL BE AT LEAST OF THE SHALL BE AND SHALL MEET AND SHALL SHALL BE AT LEAST OF A WAY TWO REQUIRED THE SHALL BE AT LEAST OF A WAY TWO REQUIRED THE SHALL BE AT LEAST OF A WAY TWO REQUIRED THE SHALL MEET AND SHALL MEET

SR836, 6-20-07
FOR BONDING AND GROUNDING SYSTEMS FOR SWIMMING POOLS, THE USE OF FOR INVERTIGENE AND GOOD FOR SWIMMING POOLS, THE USE OF COPPER WIRE BUILDED TO A MINIMUM DEPTH OF A INCIDES TO 6 INCHES SELLOW SUBGRADE, AND 18 TO 24 INCIDES FOR MINISTER WALL OF A SWIMMING POOL OR STALL O

PAVERS OR 4" DECK 3,000 psi (Min.) CONC. W/ 83 BAR 30" O.C.

Owner: Lauren L Ganskop 736 SW Arbor Lane Lake City, FL 32024

Company:
North Florida Pools and Spas LLC
709 Duval ST NW
Live Oak, FLorida 32064
CPC 1459321

