

# PEELER POOLS OF NORTH FLORIDA CERTIFIED POOL PLANS

APPLICABLE CODES:  
FLORIDA BUILDING CODE 7TH EDITION (2020)- BUILDING  
NATIONAL ELECTRIC CODE (NFPA 70)  
FLORIDA BUILDING CODE 7TH EDITION (2020) - PLUMBING  
FLORIDA BUILDING CODE 7TH EDITION (2020)- MECHANICAL  
FLORIDA FIRE PROTECTION CODE (INCLUDES LIFE SAFETY 101)

## GENERAL DESIGN REQUIREMENTS:

- DESIGN DIMENSIONS SHALL COMPLY WITH SPECIFICATIONS INANSINSP1 5 RESIDENTIAL IN-GROUND POOLS BASED ON THE POOL TYPE AND NSPI 3 PERMANENTLY INSTALLED RESIDENTIAL SPAS.
- SEE ANSINSP1 5 FOR DIVING WATER ENVELOPES.
- SLIDES SHALL MEET MANUFACTURER'S INSTALLATION REQUIREMENTS
- ENTRY/EXIT: SHALL COMPLY WITH ANSINSP1 5 AND NC391 LADDERS, UNDERWATER SEATS AND SWIM OUTFS (MAX. 20" BELOW WATER)
- CIRCULATION SYSTEMS, COMPONENTS & EQUIPMENT SHALL COMPLY W/ NSF 50
- THE MAXIMUM TURNOVER RATE IS 12 HOURS.
- FILTERS SHALL HAVE AN AIR RELIEF AND PRESSURE GAUGE
- PUMPS 3 HP AND LESS SHALL MEET ANSI/JUL 1081, CORROSION RESISTANT STRAINER AND MEET THE REQUIRED FLOW.
- SURFACE SKIMMERS SHALL MEET NSF 50 AND THERE SHALL BE ONE FOR EVERY 800 SQUARE FEET OF SURFACE AREA
- RETURN INLETS SHALL BE A MINIMUM OF ONE FOR EVERY 600 SQ. FT.
- HEATERS SHALL MEET ANSI-Z21.56 OR UL1261 OR UL559
- DISINFECTANT EQUIPMENT SHALL COMPLY WITH NSF 50
- PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER
- POOL SHAPE IS FREE FORM, ABOVE SHAPE AND DIMENSION ARE APPROXIMATE
- ASSUMED SOIL BEARING = 1.5 KSF
- INSTALL CONTROL JOINTS @ 20'-0" O.C. IN POOL DECKING.
- CONCRETE STAIRS ARE 12" TREAD WITH AND 10" MAX. HEIGHT
- LIGHTING IF INSTALLED WILL BE FIBER OPTIC OR LED
- ALL EQUIPOTENTIAL BONDING SHALL BE INSTALLED PER 2008 NEC 680.26
- SLAB AND FOOTING : 2500 PSI CONCRETE, GRADE STEEL REBAR

## SPECIAL SPA REQUIREMENTS:

- MAXIMUM WATER DEPTH 4', MAXIMUM SEAT DEPTH 28", MAXIMUM FLOOR SLOPE 1:12
  - STEPS: MINIMUM TREAD = 10"x12", MINIMUM RISER=7" MAXIMUM RISER= 12" EXCEPT THE BOTTOM STEP MAY BE 14" IF IT IS THE SEAT. INTERMEDIATE TREADS AND RISERS TO BE UNIFORM
  - SLIDES SHALL MEET MANUFACTURER'S INSTALLATION REQUIREMENTS.
  - IF THE SPA IS OPERATED INTERMITTENTLY IT SHALL HAVE A ONE HOUR TURNOVER
  - MAXIMUM TEMPERATURE IS 104° FARENHEIT
  - MEET ANSINSP1 ARTICLE XVII SAFETY INSTRUCTION/SAFETY SIGN
  - PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER
- ## ELECTRICAL REQUIREMENTS
- WIRING AND BONDING AND ALL ELECTRICAL TO NEC ARTICLE 680 OR LOCAL CODE.
  - NO OUTLET OR OVERHEAD POWER WITHIN 10' IF WITHIN 15' PROTECT BY GFI TRANSFORMER MINIMUM 10' FROM POOL. 8' ABOVE WATER J BOX 4' FROM POOL. BRASS TO J BOX OR TRANSFORMER WHICH EVER IS FIRST EXCEPT WHERE PVC IS APPROVED
  - EQUIPOTENTIAL BONDING GRID TO BE ACCOMPLISHED PER THE NEC 2014, SECTION

## ADDITIONAL NOTES:

- POOL INSTALLATION SHALL BE BY A QUALIFIED .AND LICENSEE(APPROVED BY LOCAL BUILDING DEPARTMENT) POOL CONTRACTOR. THE INSTALLATION SHALL CONFORM TO ALL LOCAL BUILDING CODES, IE: PERMITS, SPECIFICATIONS, CODES, RULES, INSPECTIONS, WORKMENSHP, ETC.
- POOL SHELL SHALL BEAR ON UNDISTURBED SOIL. FREE OF PEAT, MUCK, OR OTHER DELETERIOUS MATERIAL OF ANY SIGNIFICANT AMOUNT
- BACKFILL MATERIAL MUST NOT CONTAIN ROCKS OR OTHER MATERIALS THAT COULD DAMAGE POOL WALLS
- POOL TURNOVER SHALL BE 12 HOURS, MAXIMUM WITH CARTRIDGE FILTER, APPROVED PUMP (M<sub>4</sub> HP WITH 29 GPM 60 TDH)
- STEPS SHALL BE PROVIDED AT THE SHALLOW END OF THE POOL.
- LADDERS ARE TO BE PROVIDED IN POOLS WITH GREATER THAN 5' DEPTH WITHOUT SWIMOUTS
- INSTALL LOW VOLTAGE LIGHT PER NEC 680
- DURING HURRICANE WARNING OR ALERT, THIS POOL SHALL BE FILLED WITH WATER
- ALL GLASS WITHIN 5' OF WATERS EDGE SHALL COMPLY WITH R308.4(9) FOR SAFETY GLAZING.

## DRAWING INDEX - BUILDING PACKAGE

| SHEET NUMBER | SHEET NAME           | REVISION DATE |
|--------------|----------------------|---------------|
| T-001        | TITLE SHEET          | 1/12/21       |
| S-001        | POOL LAYOUT PLAN     | 1/12/21       |
| S-002        | SECTIONS AND DETAILS | 1/12/21       |

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## TITLE SHEET

CERTIFIED CONCRETE  
POOL PLANS  
PEELER POOLS OF  
NORTH FLORIDA

T-001

1532-054

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## REVISION SCHEDULE

| REV. | DATE    | REVISION DESCRIPTION |
|------|---------|----------------------|
| 1    | 1/24/18 | UPDATED TO 2017 CODE |
| 2    | 1/12/21 | UPDATED TO 2020 CODE |