

Columbia County Swimming Pool/Spa Permit Application

11347

For Office Use Only Application # 44115 Date Received 12/2 By MG Permit # 39200
Zoning Official LW/LH Date 12-3-19 Flood Zone X Land Use Ag Zoning A-3
FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner T.C. Date 12-9-19
Comments _____
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ 911 Sheet (if NO Address Exists) ☐ Owner Builder Disclosure Statement
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form
Notes: 19-0876

Septic Permit No. 19-0876 Or City Water System Fax peelerpools@gmail.com
Applicant (Who will sign/pickup the permit) Raymond or Alice Peeler Phone 386 755-2848
Address 158 S.W. Elk Hunter Glen Fort White FL 32038
Owners Name Gary with & Tracy Phone 623 0885
911 Address 2000 SE CR 349 Lake City FL
Contractors Name Raymond Peeler Phone 386 867 4888
Address 158 S.W. Elk Hunter Glen Fort White, FL
Contractor Email peelerpools@gmail.com ***Include to get updates on this job.
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Gary Gill Engineering Suite 1
Mortgage Lenders Name & Address N/A 426 Commerce Dr. Lake City FL 32025
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Duke Energy
Property ID Number 25 55 17 09 387 002 Hx H3 Cost of Construction 41,500
Subdivision Name None Lot _____ Block _____ Unit _____ Phase _____
Driving Directions 41 South - (L) CR 349 -> 4.9 miles -
House on (R)

Construction of Swimming Pool Residential ☒ OR Commercial _____
ADA Compliant _____ Total Acreage _____
Actual Distance of Pool from Property Lines - Front 200' Side 80' Side 100' Rear 25'

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

CODE: Florida Building Code 2014 and the 2011 National Electrical Code.

12/7 - sent email pending EH

12/10 - sent email ready for issue

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

X Gary With
Print Owners Name

X Gary With
Owners Signature

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.


Contractor's Signature

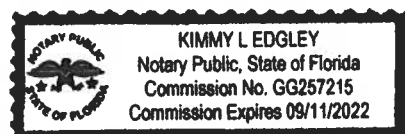
Contractor's License Number CPC057105
Columbia County
Competency Card Number 515 ✓

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 26th day of September 2018.

Personally known ✓ or Produced Identification


State of Florida Notary Signature (For the Contractor)

SEAL:





COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21, Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

www.columbiacountyfla.com/BuildingandZoning.asp

NOTICE TO SWIMMING POOL OWNERS

I, Gary With have been informed and I understand that prior to the final inspection approval and use of my pool, I will need all the inspections approved and the required fencing installed in accordance with applicable regulations. The Florida Building Code requires private residential swimming pools, hot tubs, or non-portable spas containing water over 24 inches deep to meet the following pool barrier safety feature requirements:

- The pool access must be isolated by a barrier at least 4 feet high and installed around the perimeter of the pool.
Unless the pool is equipped with a safety cover complying with the specifications of American Society for Testing and Materials standard F-1346-91.
- The barrier shall not have any gaps or openings which would allow a child to crawl under, squeeze through or climb over and must be placed no less than 20 inches from the water's edge.
- Gates located in the pool barrier must open outward away from the pool and be both self-closing and self latching, with a release mechanism not less than 54" above the standing surface at the gate.
- The barrier must be separate from any other fence, wall, or other enclosure surrounding the yard unless the fence, wall or other enclosure or portion thereof is situated on the perimeter of the pool and meets the pool barrier requirements.
- Where a wall of a dwelling serves as part of the barrier **one** of the following shall apply:
 - 1) All doors and first floor windows with a sill height of less than 48 inches providing direct access from the home to the pool must be equipped with an alarm that has a minimum sound pressure rating of 85 decibels at 10 feet. The alarm shall sound immediately upon opening the window or door unless the temporary bypass mechanism is activated.
 - 2) **Or;** all doors providing direct access from the home to the pool must be equipped with a self-closing, self-latching device with a release mechanism located at least 54 inches above the floor.

According to Florida statutes chapter 515: Residential Swimming Pool Safety Act, failure to comply with these requirements is a misdemeanor of the second degree, punishable by imprisonment for up to 60 days or a fine of up to \$500, except that no penalty shall be imposed if within 45 days after arrest or issuance of a summons or notice to appear, the pool is equipped with the aforementioned safety features and the responsible person attends a drowning prevention education program developed by the Florida Department of Health. I also understand that there are several inspections required in addition to a final inspection for my swimming pool.

✱ Gary With 5-3-19
Owner Signature / Date

Address: 2000 SE CR 349 Lake City FL

Raymond Boen 10-29-19 CPC057105
Contractor Signature / Date License Number

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # _____ JOB NAME _____

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

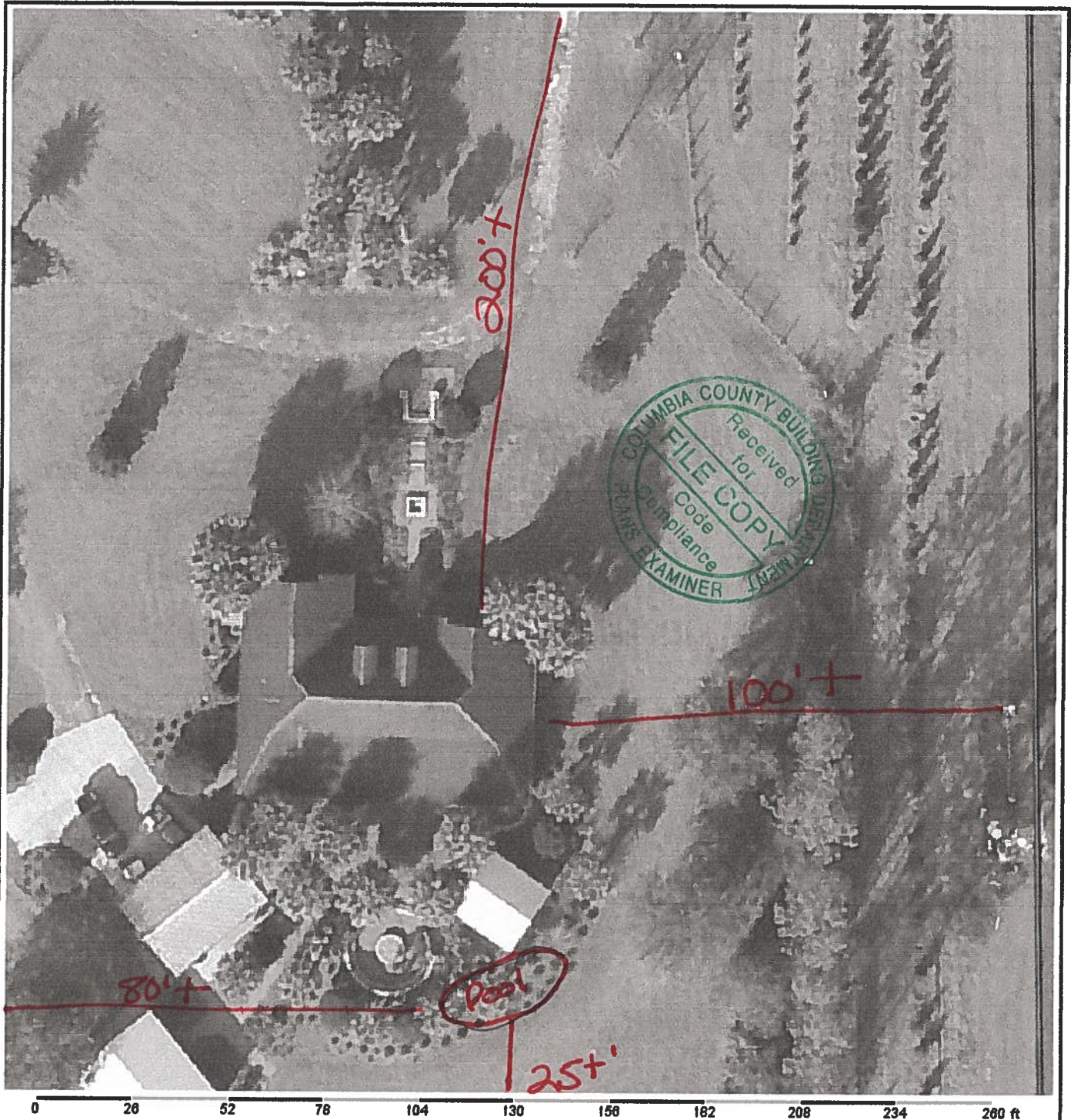
NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

| | | |
|--|---|--|
| ELECTRICAL <input type="checkbox"/> | Print Name <u>MAT Burns</u> Signature <u>[Signature]</u> | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: <u>MAT Burns Electric, Inc.</u> 386-365-3688 C211 | |
| | License #: <u>EC 1300 6531</u> Phone #: <u>386-935-0444</u> | |
| MECHANICAL/A/C <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |
| PLUMBING/GAS <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |
| ROOFING <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |
| SHEET METAL <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |
| FIRE SYSTEM/SPRINKLER <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |
| SOLAR <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |
| STATE SPECIALTY <input type="checkbox"/> | Print Name _____ Signature _____ | Need Lic Liab W/C EX DE |
| CC# _____ | Company Name: _____ | |
| | License #: _____ Phone #: _____ | |



Columbia County Property Appraiser Jeff Hampton | Lake City, Florida | 386-758-1083

PARCEL: 25-5S-17-09387-002 HX H3 | IMPROVED A (005000) | 10.01 AC
 COMM NW COR OF SE1/4, RUN S 3.84 FT TO S R/W CR-349 FOR POB, RUN E ALONG R/W 19.84 FT, S 8.65 FT, E
 STILL ALONG R/W 530.16 FT, S 792.30 FT, W 550 FT,

Owner: WITT GARY D & TRACY

2000 SE CR 349
 LAKE CITY, FL 32025
 Site: 2000 COUNTY ROAD 349,
 LAKE CITY

Sales Info 6/6/2002 \$100 V (U)

2018 Certified Values

| | | | |
|---------|-----------|-----------|-----------|
| Mkt Lnd | \$4,454 | Appraised | \$212,098 |
| Ag Lnd | \$2,698 | Assessed | \$212,098 |
| Bldg | \$188,570 | Exempt | \$50,000 |
| XFOB | \$16,376 | county: | \$162,098 |
| Just | \$249,530 | city: | \$162,098 |
| | | other: | \$162,098 |
| | | school: | \$187,098 |

NOTES:

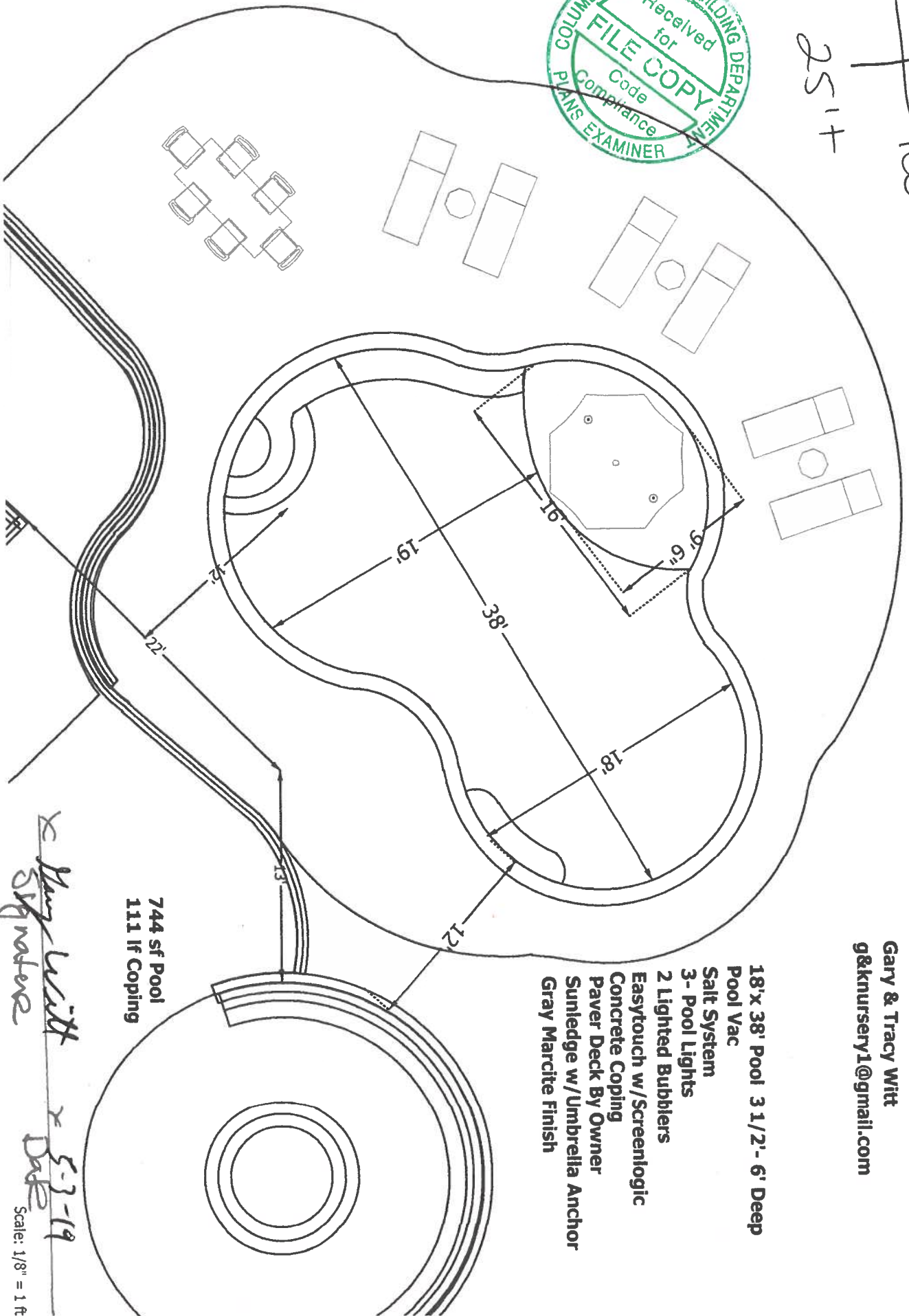


Columbia County, FL

This information, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office.

GrizzlyLogic.com

200' Front Property line

$$\begin{array}{r} 25 \\ + 100 \\ \hline 125 \end{array}$$


744 sf Pool
111 lf Coping

Scale: $1/8" = 1 \text{ ft}$

NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF Columbia **CITY OF** Lake City

THE UNDERSIGNED hereby gives notice that improvement(s) will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

DESCRIPTION OF PROPERTY:

LOT _____ BLOCK _____ SECTION _____ TOWNSHIP _____ RANGE _____
TAX PARCEL # 25551709387002 HX H3
SUBDIVISION: _____ PLATBOOK: _____ MAP PAGE# _____
STREET ADDRESS: 2000 SE CR 349
Lake City FL 32025

GENERAL DESCRIPTION OF IMPROVEMENT:

TO CONSTRUCT: SWIMMING POOL- RESIDENTIAL

OWNER INFORMATION:

OWNER(S) NAME: Bary & Tracy With
ADDRESS: 2000 SE CR 349 PHONE _____
CITY: Lake City STATE FL ZIP 32025
INTEREST IN THE PROPERTY: Owner
FEE SIMPLE TITLEHOLDER NAME: N/A
FEE SIMPLE TITLEHOLDER ADDRESS: (IF OTHER THAN OWNER) _____

CONTRACTOR NAME: Peeler Pools, Inc

ADDRESS: 158 SW Elk Hunter Glen Ft. White, FL 32038 386-755-2848

BONDING COMPANY: N/A ADDRESS: N/A PHONE NUMBER N/A

CITY: N/A STATE N/A ZIP CODE: N/A

LENDER NAME: N/A

ADDRESS: _____ PHONE _____
CITY: _____ STATE _____ ZIP _____

Prepared by: Peeler Pools, Inc. (Raymond Peeler)

Return to : Peeler Pools, Inc. 158 SW Elk Hunter Glen Ft. White, FL 32038 386-755-2848

Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a) 7., Florida Statutes.

NAME: None ADDRESS: N/A

In addition to himself, Owner designates: Raymond Peeler of Peeler Pools, Inc.

158 SW Elk Hunter Glen Ft. White, FL 32038 386-755-2848

to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.

Expiration date is 1 year from date of recording unless a different date is specified.

SIGNATURE OF OWNER Bary With

SWORN to and subscribed before me this 29 day of Oct year of 2019

Notary Public _____ My commission expires _____

Signature: Alice Burke Peeler



ALICE BURKE PEELER
Commission # GG 122000
Expires September 15, 2021
Bonded Thru Budget Notary Service

***WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.



APPLICABLE CODES:
FLORIDA BUILDING CODE 6TH EDITION (2017)- BUILDING
NATIONAL ELECTRIC CODE (NEPA 70)
FLORIDA BUILDING CODE 6TH EDITION (2017) - PLUMBING
FLORIDA BUILDING CODE 6TH EDITION (2017)- MECHANICAL
FLORIDA FIRE PROTECTION CODE (INCLUDES LIFE SAFETY 101)

GENERAL DESIGN REQUIREMENTS:

1. DESIGN DIMENSIONS SHALL COMPLY WITH SPECIFICATIONS INANS/NSPI 5 RESIDENTIAL IN-GROUND POOLS BASED ON THE POOL TYPE AND NSPI 3 PERMANENTLY INSTALLED RESIDENTIAL SPAS.
2. SEE ANS/NSPI 5 FOR DIVING WATER ENVELOPES.
3. SLIDES SHALL MEET MANUFACTURERS INSTALLATION REQUIREMENTS
4. ENTRY/EXIT: SHALL COMPLY WITH ANS/NSPI 5 AND NSPI LADDERS, UNDERWATER SEATS AND SWIM OUTFS (MAX. 20" BELOW WATER)
5. CIRCULATION SYSTEMS, COMPONENTS & EQUIPMENT SHALL COMPLY W/ NSF 50
6. THE MAXIMUM TURNOVER RATE IS 12 HOURS.
7. FILTERS SHALL HAVE AN AIR RELIEF AND PRESSURE GAUGE
8. PUMPS 3 HP AND LESS SHALL MEET ANSIUL 1081, CORROSION RESISTANT STRAINER AND MEET THE REQUIRED FLOW.
9. SURFACE SKIMMERS SHALL MEET NSF 50 AND THERE SHALL BE ONE FOR EVERY 800 SQUARE FEET OF SURFACE AREA
10. RETURN INLETS SHALL BE A MINIMUM OF ONE FOR EVERY 600 SQ. FT.
11. HEATERS SHALL MEET ANSI-Z21.56 OR UL 1261 OR UL 559
12. DISINFECTANT EQUIPMENT SHALL COMPLY WITH NSF 50
13. PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER
14. POOL SHAPE IS FREE FORM, ABOVE SHAPE AND DIMENSION ARE APPROXIMATE
15. ASSUMED SOIL BEARING = 1.5 KSF
16. INSTALL CONTROL JOINTS @ 20'-0" O.C. IN POOL DECKING.
17. CONCRETE STAIRS ARE 12" TREAD WITH AND 10" MAX. HEIGHT
18. LIGHTING IF INSTALLED WILL BE FIBER OPTIC OR LED
19. ALL EQUIPOTENTIAL BONDING SHALL BE INSTALLED PER 2008 NEC 680.26
20. SLAB AND FOOTING : 2500 PSI CONCRETE, GRADE STEEL REBAR

SPECIAL SPA REQUIREMENTS:

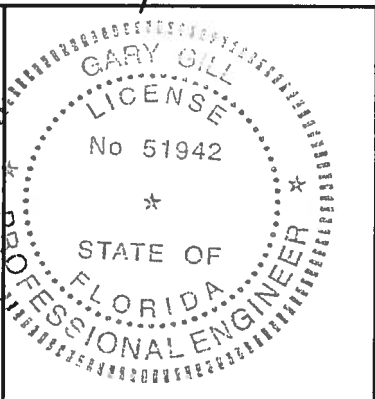
1. MAXIMUM WATER DEPTH 4', MAXIMUM SEAT DEPTH 28", MAXIMUM FLOOR SLOPE 1:12
 2. STEPS: MINIMUM TREAD = 10"x12", MINIMUM RISER=7" MAXIMUM RISER= 12" EXCEPT THE BOTTOM STEP MAY BE 14" IF IT IS THE SEAT. INTERMEDIATE TREADS AND RISERS TO BE UNIFORM
 3. SLIDES SHALL MEET MANUFACTURERS INSTALLATION REQUIREMENTS.
 4. IF THE SPA IS OPERATED INTERMITTENTLY IT SHALL HAVE A ONE HOUR TURNOVER
 5. MAXIMUM TEMPERATURE IS 104° FARENHEIT
 6. MEET ANS/NSPI ARTICLE XVII SAFETY INSTRUCTIONS/SAFETY SIGN
 7. PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER
- ELECTRICAL REQUIREMENTS
1. WIRING AND BONDING AND ALL ELECTRICAL TO NEC ARTICLE 680 OR LOCAL CODE.
 2. 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
 3. EQUIPOTENTIAL BONDING GRID TO BE ACCOMPLISHED PER THE NEC 2014, SECTION

ADDITIONAL NOTES:

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


| REVISION SCHEDULE | | |
|-------------------|---------|----------------------|
| REV. | DATE | REVISION DESCRIPTION |
| 1 | 1/24/18 | UPDATED TO 2017 CODE |

G. Gill
1/25/18



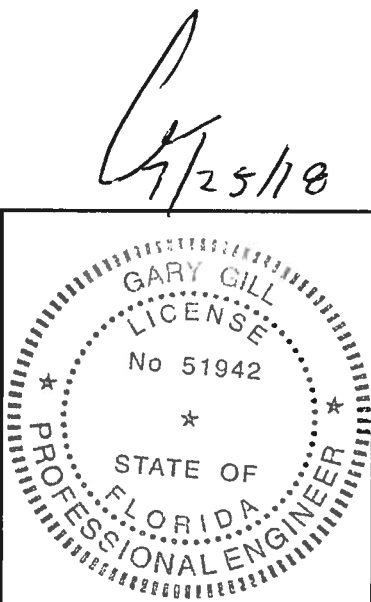
GILL ENGINEERING SERVICES. INC.
AUTH #30824
GARY GILL, PE #51942
426 SW COMMERCE DR. 130-M
LAKE CITY, FL 32025
386-590-1242



| | | |
|----------------------------------|-------|---|
| CERTIFIED CONCRETE POOL PLANS | |  |
| PEELER POOLS | | |
| TITLE SHEET | | |
| 1532-054 | T-001 | 1 |

| REVISION SCHEDULE | | |
|-------------------|------|----------------------|
| REV. | DATE | REVISION DESCRIPTION |

| | | |
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CERTIFIED CONCRETE POOL PLANS

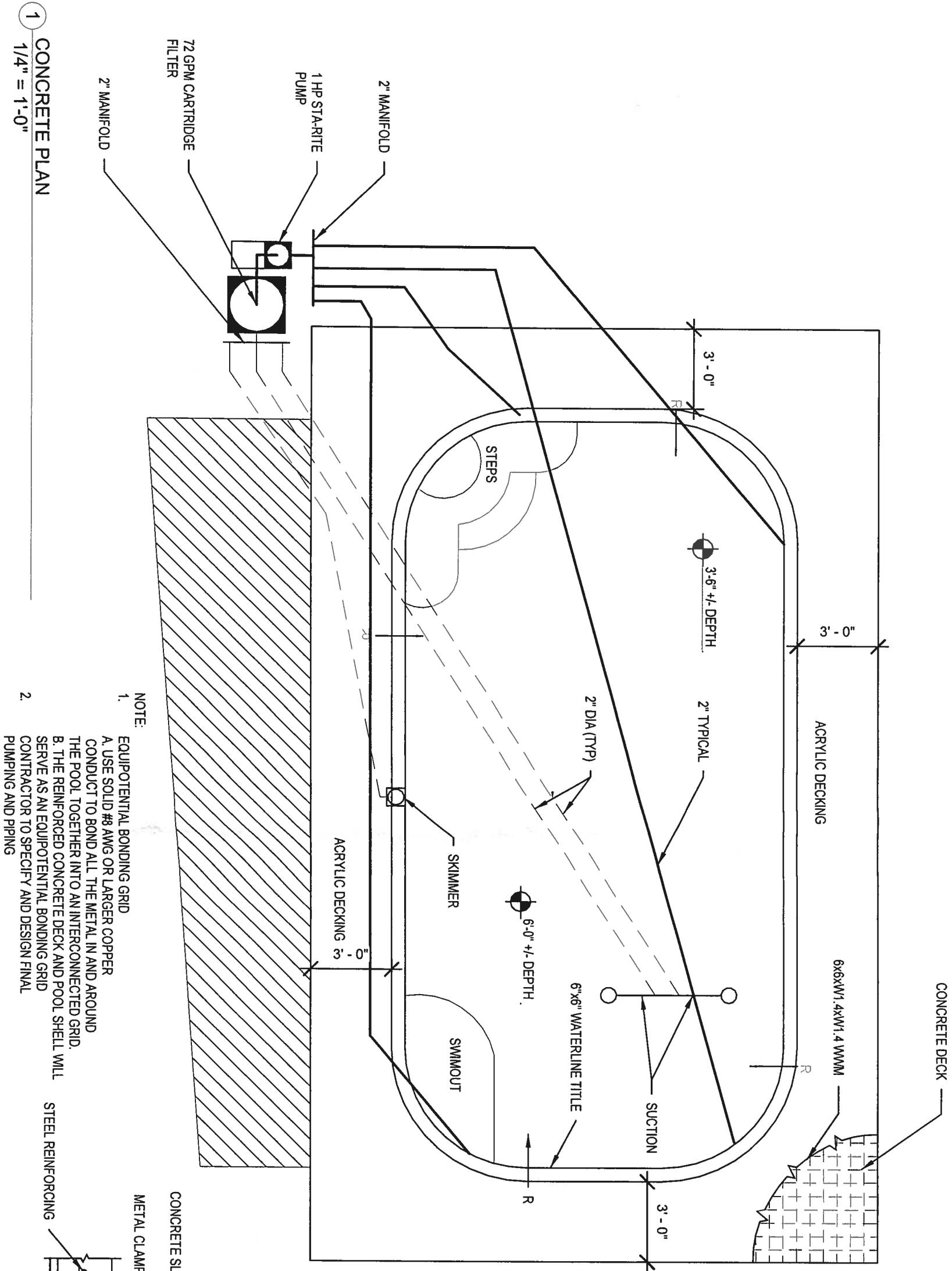
PEELER POOLS

POOL LAYOUT PLAN

1532-054

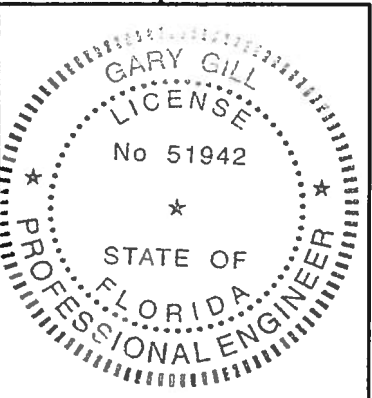
S-001

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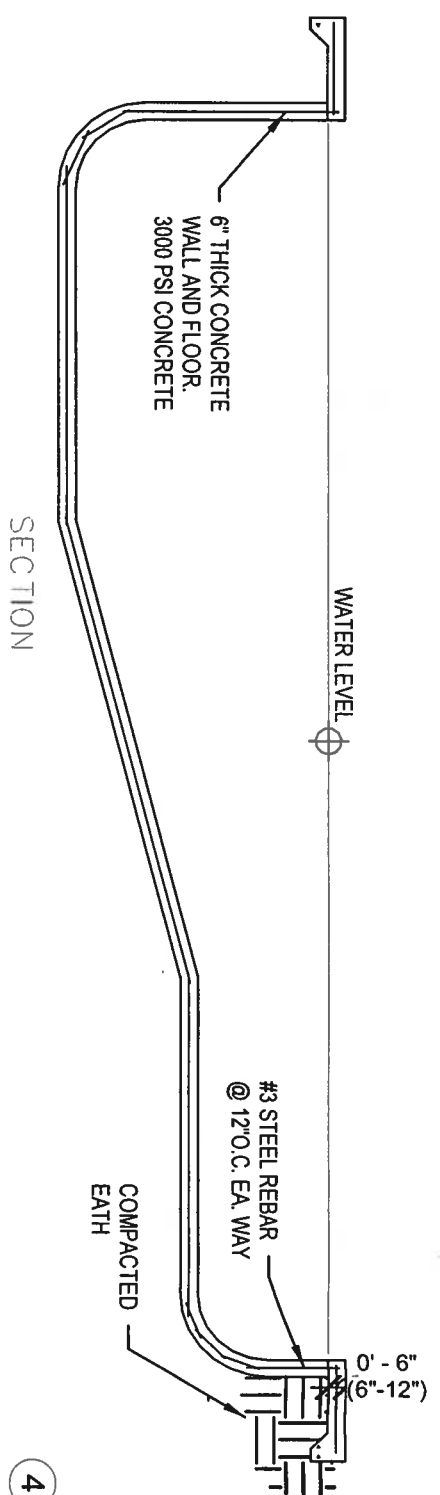


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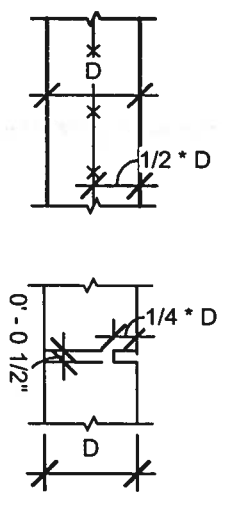
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| CERTIFIED CONCRETE POOL PLANS | |  |
| PEELER POOLS | | |
| SECTIONS AND DETAILS | | |
| 1532-054 | S-002 | 1 |

| PIPE SIZING CHART (MAX.) | | | |
|--------------------------|---------|----------|--|
| PIPE | SUCTION | PRESSURE | |
| 1 1/2" | 35 GPM | 60 GPM | |
| 2" | 60 GPM | 100 GPM | |

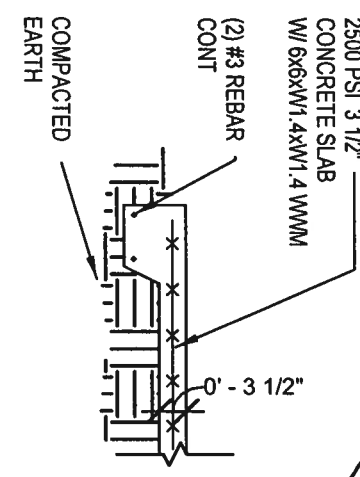
4 PIPE SIZING
 3/8" = 1'-0"



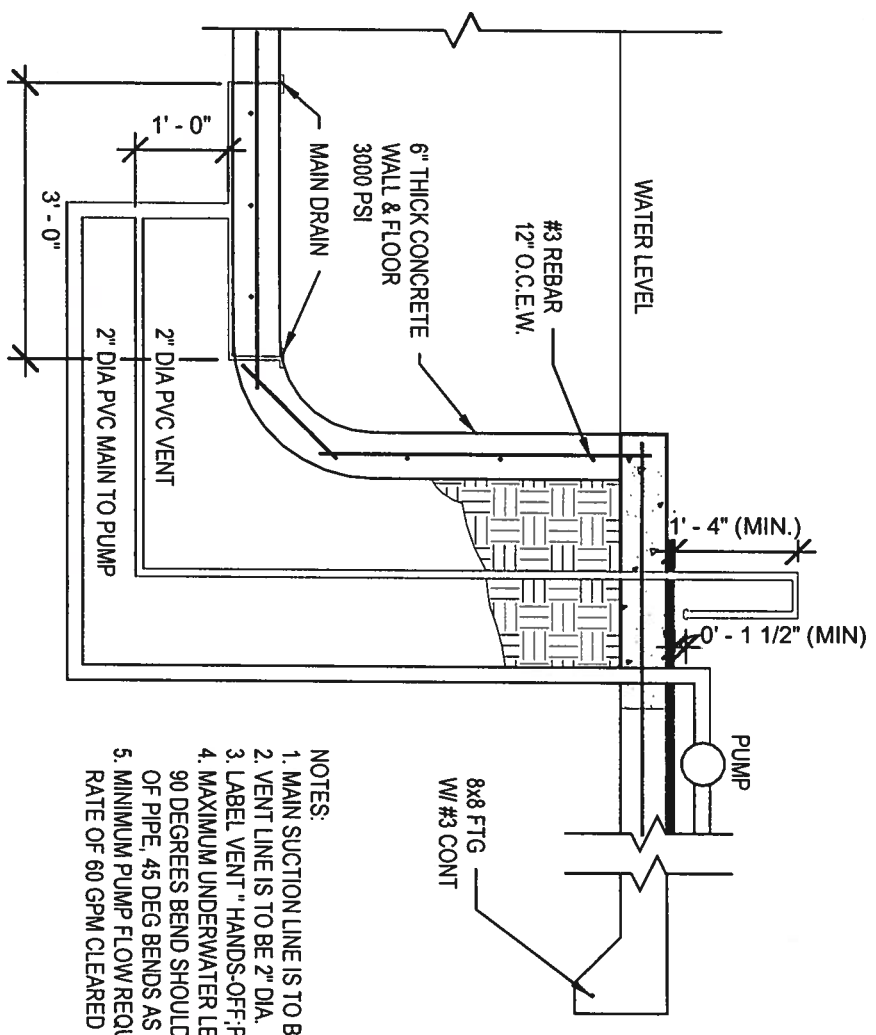
1 POOL SECTION (TYPICAL)
 3/16" = 1'-0"



6 SLAB AND JOINT DETAIL
 1 1/2" = 1'-0"



5 SLAB DETAIL
 1/2" = 1'-0"



2 MAIN DRAIN WITH AIR VENT
 1/2" = 1'-0"

- NOTES:
1. MAIN SUCTION LINE IS TO BE 2" DIA.
 2. VENT LINE IS TO BE 2" DIA.
 3. LABEL VENT "HANDS-OFF POOL SAFETY DEVICE"
 4. MAXIMUM UNDERWATER LENGTH OF PIPE IS 30 FT. 90 DEGREES BEND SHOULD BE COUNTED AS 3 FT. OF PIPE. 45 DEG BENDS AS 2 FT.
 5. MINIMUM PUMP FLOW REQUIRED IS 42 GPM. TEST FLOW RATE OF 60 GPM CLEARED VENT LINE IN LESS THAN 3 SECS.

3 SKIMMER MAIN RETURN SYSTEM - SUCTION PIPEWORK DIAGRAM
 1/2" = 1'-0"

