



www.myfavoritepoolbuilder.com steve@mfpblc.com

Jacksonville 904-248-4196 Gainesville 382-519-3125 Toll - Fax 800-286-7929

Lake City 386-269-3307

Lake City, Fl. 32025 1956 SW Main Blvd.

CPC1459058

Swimming Pool Specification For: Cell 386-965-0066

Gayle Boudreau

2038 SW Mayo Rd. Lake City, FL 32024

(407) 433-8803

Parcel ID 01-4S-15-00311-002 (967)

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Page 3

Deck and Equipment

Pool Specifications

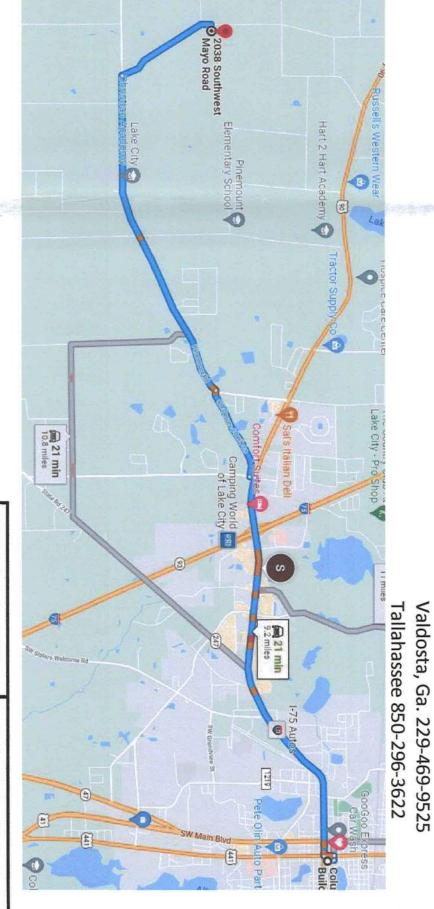
Page 4 **Energy Efficiency Compliance Data**

Page 5 3D pool Images

Page 6 Site Plan information

Survey

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BUILDING CODE CHANGE SIGNATURE DATE OR THE EFFECTIVE DATE OF A MAJOR FLORIDA PLAN EXPIRES 1 YEAR FROM THE WHICHEVER IS SOONER

2/18/2022

My Favorite Pool Builder, Inc. Lake City, FL. 32025 1956 SW Main Blvd. (386) 965-0066 Cell (386) 269-3304 OF CPC1459058

(407) 433-8803 2038 SW Mayo Rd. Lake City, FL Gayle Boudreau **Swimming Pool Specification For:**

Page 1 of 7 Scale: None Rev

TURNDOWN NOTES All MUST MEET FBC 6th EDITION

- into Footer if Appropriate, with #3 Rebar (24" Min Lap). the Turndown is (>4 to 1) Turndown may abut Ribbon Footer and be tied Detail is based on NO surcharge behind the Turndown and the Ground away from
- that shall be compacted to provide optimum bearing capacity and prevent settling Turndown shall bear on rock, clean sand or structurally sound soils (1,500 psi)
- w All Reinforcing steel is to conform to ASTM 615, Grade 40.
- Concrete shall contain Fiber mesh and have a 28 day compressive strength of
- AND CHAPTER 42 AND CHAPTER 45 OF THE 6TH EDITION OF THE FBC, 2020, RESIDENTIAL AND ANSI/APSP-7, ANSI/APSP-15, AND THE ADOPTED NATIONAL ELECTRIC CODE 2019 (NEC.) FLORIDA BUILDING CODE, 7¹¹¹ EDITION, 2020 (FBC) ACCESSIBILITY, FBC BUILDING; FBC RESIDENTIAL, AND ANSI/APSP/ICC-3, ANSI/APSP/ICC-4, ANSI/APSP/ICC-5, ANSI/APSP/ICC-6 POOL SHALL CONFORM TO REQUIREMENTS OF ISPSC 2018 AND
- 6 Refer to Contractor's Plan on file with the building department for details on
- 7 If the base of the turndown does not extend into the old (existing) ground, a 4" Ø rebar tied to a #5 rebar in the base of the vertical pour. to 6" into the indigenous material, whichever is deeper. The pilaster will have a #3 pilaster will be required every 5' 0" that will be either 2' 0" into the ground or
- 00 A deck turndown is not intended to be substitute for a retaining wall. If the the finished grade slope exceeds (steeper than) 4' horizontally and 1' vertically (1 in reaches 42" for a 12" turndown, for more than 20% of the turndown length or vertical dimension from the top of the concrete deck to the old (existing) ground

a turndown shall not be used

9 (existing) ground reaches 30.0" for a 12" turndown, 36.0" for a 18" turndown, for more than 20% of the turndown length or the finished grade slope exceeds (steeper than) 4' horizontally and 1' vertically (1 in 4), a turndown shall not be used. For a paver deck, if the vertical dimension from the top of the deck to the old

Self-Priming Pentair 011018 Intelliflo 3HP Variable Speed Pool Pump 2" Pipe

230 volt Phase 1 16 amp with timer

With Dynamic Head 50

x 8" FOOTER

PAVER DECK

8" FOOTER

HAND HOLD EDGE POURED IN PLACE MITH DECK

CONTINUOUS SNR SIF-1-

POOL DECK

2,350 RPM-GPM Up to 90 Turn Over at this speed 3.19 Hours 750 RPM-GPM Up to 25 Turn over at this speed 6.16 Hours

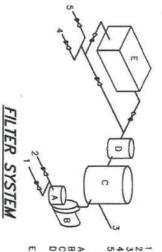
Pentair Sand Dollar Filters

28.	X . X	22"	19"	16"	Tank Diameter
3.69	Y3.15	2.64	1.92	1.40	Filter Area Sq. Ft.
350	X 300K X	250	150	100	Lbs. of Sand Required
50	人 99 人	40	35	30	Max Working Pressure (PSI)
EO.	X X85X X	55"	49"	45"	Vrtl. Clearance Required
75	イ ダ イ	60	40	35	Design Flow Rate GPM
3.56	¥95°¥	95°F	95°F	95°F	Max Water Temp

Pentair Clean and Clear

			Resid Maximum Flow	Residential imum Cartridge Flow Rates	ĕ		Con Maximu Flo	Commercial timum Cartrid Flow Rates	idge
Product #	sq. ft.	GPM	GPH	6 hour	8 hour	GPM	GPH	6 hour	8 hour
160314	50	50	3,000	18,000	24,000	19	1,140	6,840	9,120
160315	75	75	4,500	27,000	36,000	28	1,680	10,080	13,440
160316	100	100	6,000	36,000	48,000	88	2,280	13,680	18,240
160317	150	150	9,000	54,000	72,000	56	3,360	20,160	26,880
160318	200	150	9,000	54,000	72,000	75	4,500	27,000	36,000
								DIMINIO .	

- One GPM per sq. ft. shown, recommended flow rate for residential is 5 G
 Commercial flow rate is a maximum of .375 GPM per sq. ft. of filter area. nded flow rate for residential is 5 GPM per sq. ft.
- NOTE: Actual system flow will depend on plumbing size and other system components



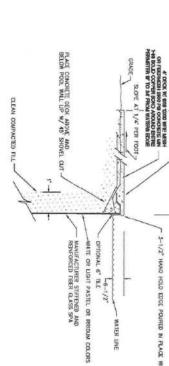
Footer Notes

If a scree enclosure is to be installed, the swimming pool contractor must

coordinate the design and construction of any required footer with the screen contractor. Specific details for the footer to be provided by the screen

MAIN DRAIN LINE
SKIMMER LINE
WASTE LINE
RETURN LINE
PRESSURE CLEANING HEATER (OPTIONAL) N-LINE CHLORINATOR RECIRCULATION PUMP LINE (OPTIONAL)

WHITTH WITH THE PARTY OF THE PA



FNS® Plus Vertical Grid FILTER PRESSURE L

WALL SECTION

PoolBond PB-2008 Water Bonding Fitting

65	48	q.ft.		5		H	H	H	H	H	H	
88	49*	Height		10 20 30 40 10 40 76	1							
18	120	GPM	2	8		1			F			FNS-Plu
9,000	7,200	GPH	FLOW (GPM)				1					FNS-Plus SERIES
54 000	43,200	6 hour		80 90 100 110 120 130 140 150				1	1			
72,000	57,600	8 hour		130 140 150						1		
-		_	_	_	-	_	-	-	-	_	1	

LOSS (PSI)

Installed near Pool Equipment

Horizontal All Installations

WHICHEVER IS SOONER **BUILDING CODE CHANGE** DATE OF A MAJOR FLORIDA PLAN EXPIRES 1 YEAR FROM THE SIGNATURE DATE OR THE EFFECTIVE

My Favorite Pool Builder, Inc.

Lake City, FL. 32025 1956 SW Main Blvd.

(386) 965-0066 Cell (386) 269-3304 OF

CPC1459058

2/18/2022



ANSI/NSPI/ISPSC-3, 5, 7, 15
IAPMO REPORT ER 0298
2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL PLUMBING CODE
2012 INTERNATIONAL PEUDENTIAL CODE
2011 INTERNATIONAL ELECTRICAL CODE
2011 INATIONAL ELECTRICAL CODE

-05'00' 16:26:18

2038 SW Mayo Rd. Lake City, FL Gayle Boudreau Swimming Pool Specification For:

(407) 433-8803

Page 2 of 7 Scale: None Rev

transformer

powered by Volt LED Color Light for pool is 12 –

DECK. ELECTRICAL DIAGRAM -12V/400W MAX. POOL LIGHT W/ LOW WATER CUT-OFF OR 120 VA.C. W/ GFI PER NEC. 3 ∦12 IN ½*-J TO SERVICE SD201 1545

NOTES:

POOL DESIGN CONFORMS TO THE FOLLOWING:

6

Of the footer or abutting the side of the footer.

A footer must be installed with brick paver pool deck if required by the

Jurisdiction or the option of the contractor and may be placed over the top

4 0

(3) #3 Rebars is equivalent to (1) #5 rebar. #3 - #4 - #5 Rebar lap Minimum lap is 24 inches

ω

Concrete shall contain Fiber mesh and have a 28 day compressive strength of

#8 AWG COPPER WIRE

that shall be compacted to provide optimum bearing capacity and prevent Footer shall bear on rock, clean sand or structurally sound soils (1,500 psi)

other recognized standards acceptable to the administrative authority. All materials, piping, valves, equipment or appliances entering into the construction of recommended and approved by a nationally recognized testing agency or conforming to wimming pools or portions thereof shall be of a type complying with this code or of a type

specifications unless such specifications violate Chapter 64E-9, Florida Administrative Code, rule requirements or the approval criteria of NSF/ANSI Standard 50 or NSF/ANSI Standard 60. The subject pools are compound of fiberglass shells meeting the requirements. See pools shall be watertight, free from structural cracks and shall have a nontoxic smooth and slipresistant finish. All materials shall be installed in accordance with manufacturer's Pools shall be constructed of concrete or other impervious and structurally rigid material. All

"FIBERGLASS SHELL REQUIREMENTS"

noted construction tolerances. Field installation tolerance should be verified during field the pool shall be \pm 3 inches. The construction tolerance is for all other dimension shall be Pool The construction tolerances for dimension for the overall length width and depth of +/- 2 inches, unless otherwise specified by the design engineer. The subject pool meets the The subject pools meet or exceed all loads prescribed 454.1.2.1 and IRC section 301. All

454.2.4.2.1 Flood Hazard Areas — and IRC section 322 - installations in flood Hazard A or V ones require additional hold - down features to be designed in a case-by-case basis.

454.1.2.7 Diving Water Envelopes - N/A The subject pools are non-diving.

454.1.2.2 Walls and Corners

point that is less than 33 inches below the design water line. Above the transition point, the wall shall be within 11 degrees of vertical. Walls in the shallow area and deep areas of the pool should have a wall-to-floor transition

walls are within 6 degrees of vertical. The subject pools have a wall-to-floor transition 41" below the design waterline and the

this requirement. an area meeting all of the requirements of a sun shelf shall not be considered a violation of excluded from these requirements. Multiple floor levels in pools are prohibited, however, 454.1.2.2.3 POOL FLOOR SLOPES The radius of curvature between the floor and walls is

either meeting or making all the subjects requirements N/A. 454.1.2.2.3.1 The subject pools have a single 1 unit vertical to 14 unit horizontal slope

requirement. The subject pools have a minimum depth of 3'- 8" (44") with Section 809.6, 809.7 and 809.8 shall be exempt from the minimum depth not less than 33 inches and not greater than 4 feet. Shallow area designed in accordance The design water depth as measured at the shallowest point in the shallow area shall be

454.1.2.7 Diving Areas

N/A The subject pools are non-diving.

454.1.9.2.6.1 Water Slides N/A The subject pools do not include integral slides.

steps, stairs, ladders, Treads, ramps, Beach entries, underwater seats, benches, swim out shallowest point. Entries and exits shall consist of one or a combination of the following: design water depth of the shallow area at the shallowest point exceed 24 inches at the 454.1.2.5 Access Pool shall have a means of entry and exit in all shallow areas where the

means of entry and exit shall be provided in the deep area of the pool. other prove designs. The means of entry and exit shall be located on the shallow side

of the first slope change. Where water depth in the Deep area the pool exceeds 5 feet, a

454.1.6.5.9.4 Pool over 30 Foot wide N/A The subject pools are not in excess of 30' in width

top 2 inches (51 mm) of the riser shall be tile, dark in color, contrasting with the interior of heights shall be measured at the marked step edges and the differences in elevation shall be bottom treads shall be uniform to within $^{1}/_{2}$ inch (12.7 mm) in width and height. The riser and a maximum riser height of 10 inches (254 mm). Treads and risers between the top and considered the riser heights. The front $^3/_4$ to 2 inches (19.1 to 51 mm) of the tread and the maximum width of 48 inches (1219 mm) for a minimum tread length of 24 inches (610 mm) 454.1.2.5.3 Stairs. Stairs shall have a minimum tread width of 10 inches (254 mm) and a

> placed on the riser or vertical surface. Where the gutter is used as the top step, the tile on <u>Cont...</u>
> 454.1.2.5.3 Stairs Bullnose tile that is slip resistant may be used when the $^3/_{x}$ -inch (19 mm) may use other material for the step edge marking, provided the material is permanent, the gutter for the width of the steps shall be slip resistant. Vinyl liner and fiberglass pools segment is placed on the tread or horizontal surface and the 2-inch (51 mm) segment is permanently secured, dark in color, nonfading and slip resistant.

the horizontal and vertical surfaces. Tile must be slip resistant. Bulinose tile may be at the intersection of the pool wall and the swimout and must extend 2 inches (51 mm) on utilize a continuous perimeter overflow system must provide a wall return inlet in the located only in areas of the pool greater than 5 feet (1524 mm) deep. Pools that do not substituted and installed in accordance with Section 454.1.2.5.3 above. The subject pools swimout for circulation. A permanent dark contrasting colored band of tile shall be installed inches (305 mm) below the deck, unless stairs are provided in the swimout, and shall be the pool wall, shall be 4 to 5 feet (1219 mm to 1524 mm) wide, shall be a maximum of 12 454.1.2.5.4 Swimouts. Swimouts shall extend 18 (457 mm) to 24 inches (610 mm) back from

CENTER

454.1.9.6 Zero Depth Entry Pools. (BEACH AND SLOPING ENTRIES)

have an underwater seat in the deep end.

N/A The subject pools do not include beach and sloping entries

TURNOVER RATE

not less than once every 12 hours. The system shall be designed to provide the required The circulation system equipment shall be sized to provide a turnover of the pool water media condition of the filter. turnover rate based upon the manufacturer's specified flow rate of the filter, with clean

The subject pools provide a turnover of the pool water not less than once every 12 hours

Pressure filter system shall be provided with a strainer located between the pool and the

The subject pools provides a strainer located between the pool and the circulation pump

454.2.17 Residential swimming barrier requirement.

Exception: A swimming pool with an approved safety pool cover complying with ASTM F1346. Residential swimming pools shall comply with Sections 454.2.17.1 through 454.2.17.3

shall apply: 454.2.17.1.9 Where a wall of a dwelling serves as part of the barrier, one of the following

- All doors and windows providing direct access from the home to the pool shall be equipped with an exit alarm complying with UL 2017 that has a minimum sound pressure rating of 85 dBA at 10 feet (3048 mm). Any deactivation switch shall be located at least 54 inches (1372 mm) above the threshold of the access. Separate alarms are not required for Exceptions: contact is broken at any opening. each door or window if sensors wired to a central alarm sound when
- height of 48 inches (1219 mm) or more measured from the nterior finished floor at the pool access level. Screened and protected windows having a bottom
- inches (1067 mm) or higher with a counter beneath. Screened or protected pass-through kitchen windows Windows facing the pool on the floor above the first story
- 2 with a selfclosing, self-latching device with positive mechanical latching/locking installed a minimum of 54 inches (1372 mm) above the threshold, which is All doors providing direct access from the home to the pool must be equipped approved by the authority having jurisdiction
- this paragraph, the term "swimming pool alarm" does not include any swimming protection alarm device designed for individual use, such as an surface motion, pressure, sonar, laser, and infrared alarms. For purposes "Standard Safety Specification for Residential Pool Alarms," detection of an accidental or unauthorized entrance into the water. Such pool A swimming pool alarm that, when placed in a pool, sounds an alarm upon alarm attached to a child that sounds when the child exceeds a certain alarm must meet and be independently certified to ASTM F2208, titled submerged in water. which includes

NOTES:

POOL DESIGN CONFORMS TO THE FOLLOWING:

ANSI/NSPI/ISPSC-3, 5, 7, 15
IAPMO REPORT ER 0298
2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL PLUMBING CODE
2012 INTERNATIONAL RESIDENTIAL CODE
2011 NATIONAL ELECTRICAL CODE 2012 INTERNATIONAL SWIMMING POOL SPA CODE

GENERAL CONSTRUCTION NOTES:

- to match water level in pool and not deform and compacted in lifts damage pool walls. Back-fill shall be installed 60 PSF with Vertical contain rocks that could angle of Repose. Back-fill material must not Backfill shall have bearing value greater than
- underwater obstructions from water level, and in such a recessed in to the sides of Therapy seats, where installed, shall be manner as to clearly distinguish such such pool not more than 20 inches below
- boxes, etc. and grounding of Electrical hook-up of pool equipment, rails, and all applicable state and local building deck steel shall be in accordance with the

Swimming pool skimmer(s) shall have deck

pool areas in to which persons may dive.

code. Higher voltage shall be GFI -Install 12 volt light. When allowed by local codes by a licensed Fiberoptic Lighting may be used. protected per NEC. At installers option LED or

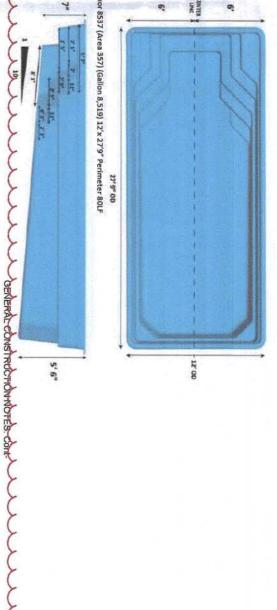
5)

- Z 6) more than 1:7 a safety rope -If the slope from shallow end to deep end is Supports and steps shall be properly shall be provided when required
- All pipe to be PVC schedule40 suitable for strength to safely carry all anticipated loads.

reinforced and of sufficient structural

Secondary Reliefs potable water, or to local code. Direct suction pipes from the pool shall have

9) 8)



as tenants of installation shall conform to all state and local building codes, as well local building -Pool installation shall be by a qualified and licensed (approved by local building department and San Juan pools) pool contractor. The

 Water supply and disposal shall be so arranged that there is no cross connection with domestic service.

=

- 12 or a grate with a minimum open area of 144 sq. in. or as to local codes, securely fastened in place -Main drain cover to be certified as compliant with ANSI/ASME A112.19.8M
- 10 feet of poc —All electric shall conform to N.E.C. No overhead wires shall pass within

3

- 4 Deck Slab to have 6x6, #10/10 wwm or equal suspended in conc Concrete shall be min. 2500 psi at 28 days.
- 6 5 Pool bottom as allowed by Fibermesh conc. may be used in lieu of 6x6 10x10 wwm to be placed in 4" min. sand or 3/8" max dia stone. local codes.
- 17. -Hydrostatic difference of required hold -Hydrostatic pressures: design assumes pool is full at all times, with any nead between pool bottom and floor criteria level relief valve not credited for more than 2 feet of the downs and reinforcing by others.
- 18 Pool shall bear on undisturbed soil, free of peat, muck or other deleterious material of any significant amount

use where code requires.

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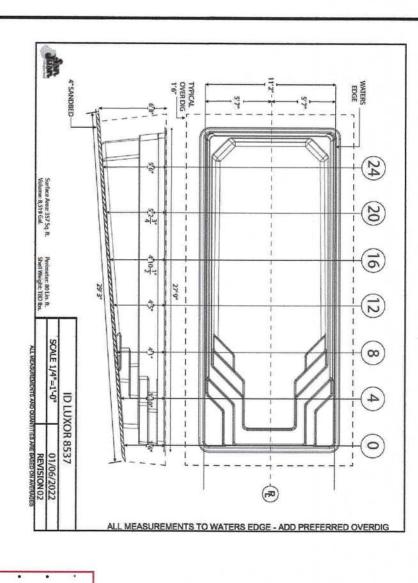


My Favorite Pool Builder, Inc. (386) 965-0066 Cell Lake City, FL. 32025 1956 SW Main Blvd (386) 269-3304 OF CPC1459058

(407) 433-8803 2038 SW Mayo Rd. Lake City, FL Gayle Boudreau **Swimming Pool Specification For:**

Page 3 of 7 Scale: None Rev

	Minimum return side pipe size @ 6 fps Minimum return side pipe size @ 6 fps Minimum return side pipe size @ 8 fps Minimum return side pipe size @ 8 fps Minimum return side pipe size @ 8 fps Minimum return side branch pipe size @ 8 fps Minimum return side branch pipe size @ 8 fps Determine Filter Size: Filtration pump hard a Sandard time clock Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump with auxiliary load - Control model for low speed default within 24 hr. Filtration pump load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. Filtration souliary load - Control model for low speed default within 24 hr. From pipe filtration souliary load - Control model for low speed default within 24 hr. From pipe filtration souliary load - Control model for low speed default within 24 hr. From pipe filtration souliary load - Control model for low speed default within 24 hr. From pipe filtration souliary load - Control model for low	gy Efficiency Compliance Information ments Apply ONLT to Filtration Pumps (APSP/ICC-15 2011 8,519 + 360 = 24 GPM - this is thue the calculated flow rate or 36 gpm whichever is greater = filter? The sum of the calculated auxiliary flow rate The sum of the calculated auxiliary flow rate The sum of the calculated auxiliary flow rate
PLAN EXPIRES 1 YEAR FROM THE SIGNATURE DATE OR THE EFFECTIVE DATE OF A MAJOR FLORIDA BUILDING CODE CHANGE WHICHEVER IS SOONER 2/18/2022	HEAT PUMP PRESSURE DROP 10, 130, 130 10, 130, 140 150	Pump Performance Curves (3HP IntelliFio Pumps) NALDATA (cont'd.) FILTER PRESSURE LOSS FILTER PRESSURE LOSS
Lake City, FL 32025 (386) 269-3304 OF CPC1459058 Swimming Pool Specification For: Gayle Boudreau 2038 SW Mayo Rd. Lake City, FL 32024 (407) 433-8803 Scale: None Rev Page 4 of 7	My Favorite Pool Builder, Inc.	100 120 140 150 150 150





Gayle Boudreau 2038 SW Mayo Rd.

386-965-0066 steve@mfpblc.com Contractor; My Favorite Pool Builder, Inc. CPC1459058 Steve Cronin

(967) .Par ID 01-4S-15-00311-002

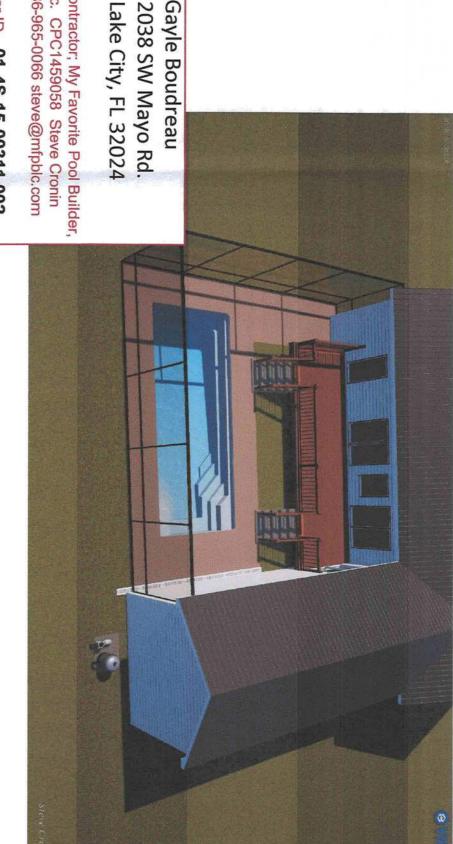
45 FT to North 438 FT to South 618 FT to East property line. Distance from Pool water line to 269 FT to West

Power to house is run under ground and is more than 40.5' away from pools waters edge Sewer more that 20 ft away

Water Well more that 20 ft away

NO Glass with 60IN Of pools water

Pool deck water will Drain away from pool onto ground.



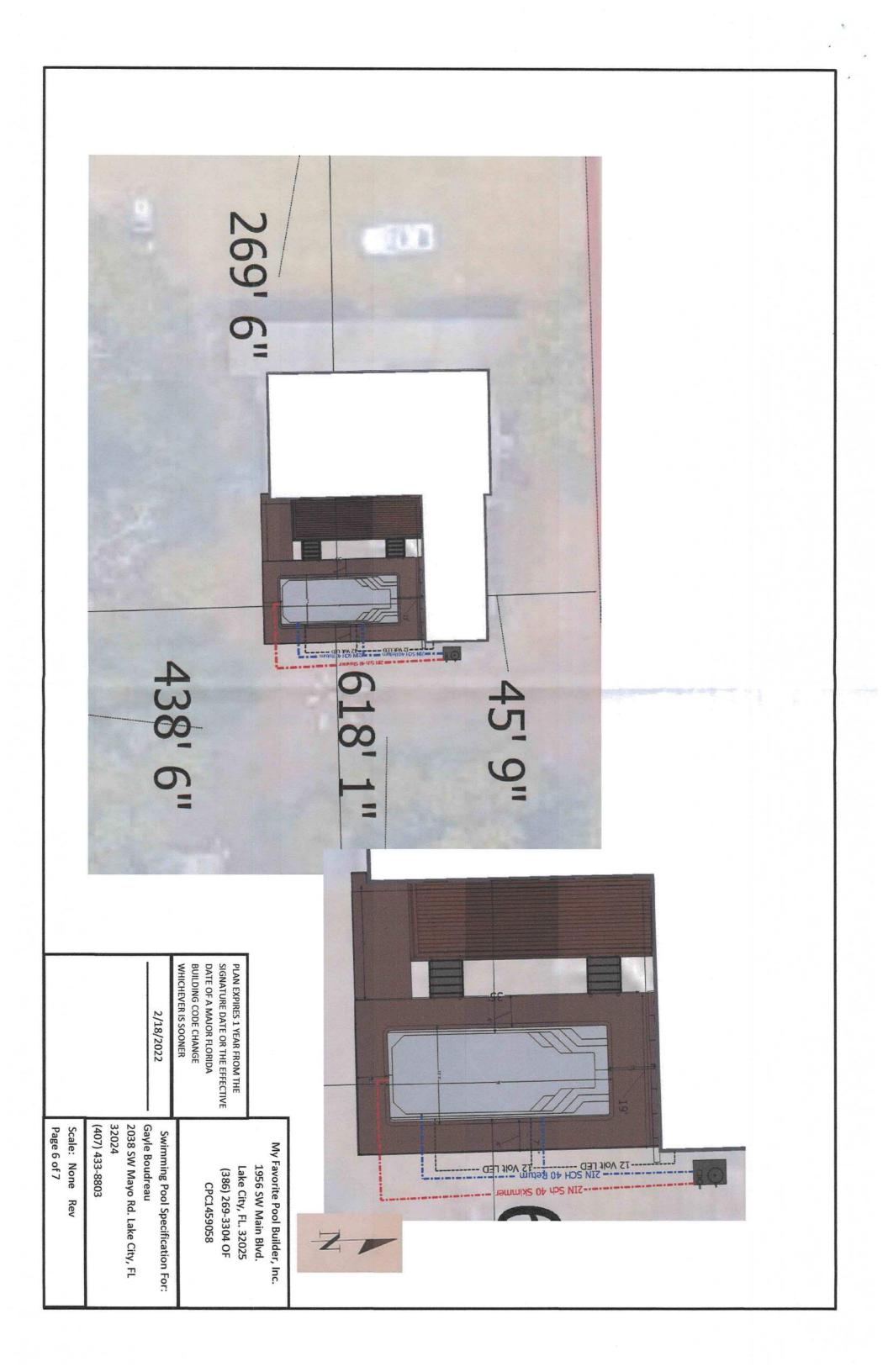
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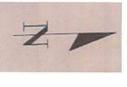
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2/18/2022

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2038 SW Mayo Rd. Gayle Boudreau Lake City, FL 32024

Concrete

Pool Permeter

0 if you don't need

1 if you want

27

2.81

.Par ID 386-965-0066 steve@mfpblc.com

Contractor; My Favorite Pool Builder, Inc. CPC1459058 Steve Cronin

Deck area 4 in Dec Yards

80

5.98

(967)01-4S-15-00311-002

2

property line. 438 FT to South Distance from Pool water line to 618 FT to East 269 FT to West 45 FT to North

Water Well more that 20 ft away Sewer more that 20 ft away

pools waters edge and is more than 40.5' away from Power to house is run under ground

NO Glass with 60IN Of pools water

Pool deck water will Drain away from pool onto ground.

Deck Peremeter 25 80 Total Yards 0.00 12x12 fotter 0.80 8x8 footer

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32024 Gayle Boudreau 2038 SW Mayo Rd. Lake City, FL Swimming Pool Specification For:

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