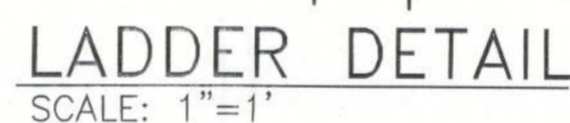
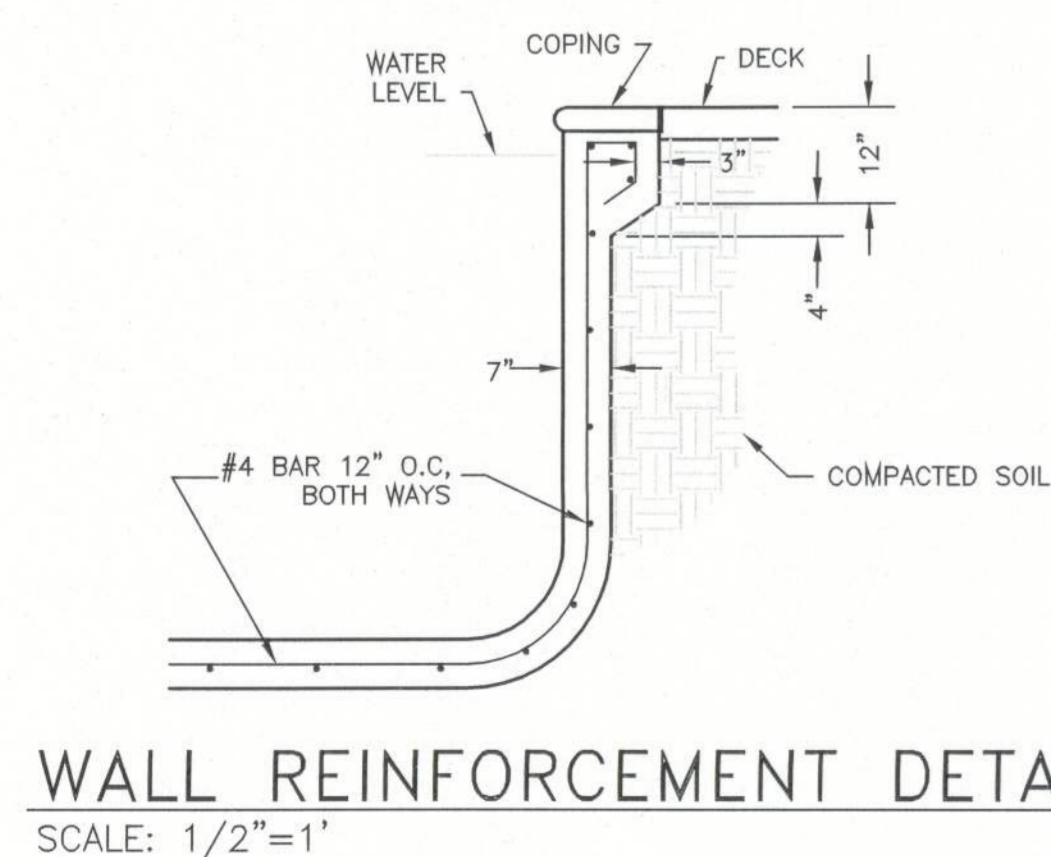


POOL EQUIPMENT SCHEDULE			
ITEM	QUANTITY	MANUFACTURER	DESCRIPTION
MAIN DRAIN	1	WATERWAY	640-472xV, ANTI-ENTRAPMENT 12"x12" SQUARE ABS, 62.4 SQ. IN. FREE AREA
INLET FITTING	8	HAYWARD	SP-1419, 1 1/2" WALL INSERT (ADJUSTABLE)
SKIMMER	3	HAYWARD	SP-1070-2FVE SKIMMER
TEST KIT	1	TAYLOR	K-2005
LIFE RING	1	RECREONICS	12-250, 20" USCG APP. LIFE RING - WHITE W/40' ROPE
LIFE HOOK W/POLE	1	RECREONICS	12-237, ANODIZED ALUMINUM WITH 16' POLE
BRUSH	1	SWIMTIME	P051100, 18" CURVED BRUSH
VACUUM HOSE	1	SWIMTIME	P058250, 1 1/2" X 40' WITH VACUUM FITTING FOR SKIMMER
LEAF RAKE	1	STA-RITE	AQ6004, PROVIDE POLE
HYDROSTATIC RELIEF	1	RECREONICS	34-601 WITH COLLECTOR TUBE
UNDERWATER LIGHT	2	RETRO	R10 WITH 3000 LUMENS, PROVIDE NICHE
CHEMICAL PUMP	2	STENNER	MODEL 45M3 (22 GPD), 115V, 3/8" TUBING
CHEMICAL CROCK	2	ULINE	MODEL S-19418, 15 GALLONS
PORTABLE VACUUM PUMP	1	HAMMER HEAD	RESORT-21
ORP CONTROLLER	1	HAYWARD	HCC4000WIFI, PROVIDE WIFI CAPABILITY



John R McDowell

Digitally signed by
John R McDowell
Date: 2023.06.21
21:35:14 -05'00'

1. CONCRETE SHELL SHALL BE REINFORCED CONCRETE. SHELL SHALL BE POURED OR GUNITED OR SHOTCRETED WITH 4000 PSI CONCRETE. INTERIOR OF POOL SHALL BE PLASTERED WITH BLUE QUARTZ. WALLS SHALL BE SMOOTH, FLOOR SHALL HAVE SLIP RESISTANT FINISH. POOL WALLS SHALL BE WITHIN 5' OF VERTICAL FOR A DEPTH OF 2'6" IN AREA OF POOL LESS THAN 5' DEEP. FOR DEPTHS 5' AND GREATER, POOL WALLS SHALL BE WITHIN 5' OF VERTICAL FOR A DEPTH OF DEPTH MINUS 2'6". THE RADIUS JOINING THE WALL AND BOTTOM OF POOL SHALL NOT EXCEED 1'. ALL PROTRUDING CORNERS SHALL HAVE A 2" MINIMUM RADIUS.
2. MECHANICAL LAYOUTS ARE SCHEMATIC, PROVIDE ANY ADDITIONAL FITTINGS FOR OFFSETS AND RISERS NECESSARY FOR A COMPLETE INSTALLATION. INSTALL EQUIPMENT AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
3. TRAFFIC BARRIERS SHALL BE PROVIDED TO PREVENT OBSTRUCTION OF DECK.
4. PROVISIONS SHALL BE MADE FOR STORAGE OF CHEMICALS UNDER ROOF AND FOR PROTECTION FROM UNAUTHORIZED ACCESS, IN WELL VENTILATED AREA.
5. FIRST AID EQUIPMENT SHALL BE PROVIDED.
6. POOL SURFACE AND POOL DECK SHALL HAVE A MINIMUM OF 3 FOOT CANDLES OF LIGHTING IF USED AT NIGHT.
7. ALL PIPING SHALL BE SCHEDULE 40 PVC, NSF APPROVED FOR POTABLE WATER WITH LOGO STAMPED ON PIPE.
8. WALKWAYS SHALL BE SLIP RESISTANT CONCRETE WITH PROPER DRAINAGE.
9. NO FOOD OR DRINK FACILITIES SHALL BE LOCATED WITHIN 12' OF POOL.
10. VERTICAL CLEARANCE ABOVE POOLS AND DECK SHALL BE A MIN. OF 7'.
11. POOL MAKE-UP WATER SHALL BE FROM A POTABLE WATER SOURCE.
12. BALL VALVES SHALL BE PVC WITH FULL FLOW PORT AREA RATED FOR A PRESSURE OF 150 PSI.
13. THE POOL DECK SHALL BE CONSTRUCTED OF CONCRETE PAVERS WITH A SLIP RESISTANT FINISH.
14. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC), THE LATEST EDITION.
15. ALL METAL SURFACES SHALL BE BONDED AND GROUNDED PER THE NATIONAL ELECTRIC CODE.
16. THE POOL WATER DEPTH SHALL NOT DEVIATE MORE THAN 3" FROM THE DEPTH INDICATED BY THE ADJACENT DEPTH MARKER.
17. APPLY UV PROTECTIVE COATING TO ALL EXPOSED PLASTIC PIPING TO PREVENT UV DEGRADATION.
18. ALL EQUIPMENT SHALL BE DESIGNATED BY THE MANUFACTURER AS SUITABLE FOR OUTDOOR USE.
19. TEST KITS SHALL BE CAPABLE OF TESTING CHLORINE TO 10 PPM.
20. BULLNOSE TILE SHALL BE SLIP RESISTANT.
21. FENCING REQUIREMENTS — PROVIDE A MINIMUM 48 INCH HIGH FENCE. FENCE MEMBERS SHALL NOT ALLOW PASSAGE OF A 4-INCH DIAMETER SPHERE. FENCE SHALL BE CONTINUOUS AROUND THE PERIMETER OF THE POOL AREA THAT IS NOT OTHERWISE BLOCKED OR OBSTRUCTED BY ADJACENT BUILDINGS OR STRUCTURES AND SHALL ADJOIN WITH ITSELF OR ABUT TO THE ADJACENT MEMBERS. ACCESS THROUGH THE BARRIER OTHER THAN FROM EXITS OF ADJACENT BUILDING(S) SHALL BE THROUGH SELF-CLOSING SELF-LATCHING LOCKABLE GATES OF 48 INCH MINIMAL HEIGHT WITH THE LATCH LOCATED A MINIMUM OF 54 INCHES FROM THE BOTTOM OF THE GATE OR AT LEAST 3 INCHES BELOW THE TOP OF THE GATE ON THE POOL SIDE. GATES SHALL OPEN OUTWARD AWAY FROM THE POOL AREA.
22. A GROUND FAULT INTERRUPT RECEPTACLE SHALL BE PROVIDED WITHIN 20' BUT NO CLOSER THAN 10' FROM EACH POOL.
23. CHEMICAL FEED PUMP SHALL BE ELECTRICALLY INTERLOCKED WITH THE RESPECTIVE RECIRCULATION PUMP.
24. PROVIDE LOW VOLTAGE TRANSFORMERS FOR ALL 12V. LIGHTING.
25. LABEL CHEMICAL CROCKS WITH THE CONTENTS OF EACH. PROVIDE LOCKABLE COVERS FOR EACH CROCK.
26. POOL SHALL COMPLY WITH SECTION 454.1 OF THE 2020 7TH EDITION FLORIDA BUILDING CODE.
27. ALL HORIZONTAL TILE SHALL BE SLIP RESISTANT IN LESS THAN 5' OF WATER.

28. HANDICAPPED POOL LIFTS SHALL BE CERTIFIED BY MANUFACTURER TO BE SUITABLE FOR LIFTING 300 LBS. MANUFACTURER SHALL PROVIDE WRITTEN INSTALLATION INSTRUCTIONS TO ENSURE MOUNTING ON DECK PROVIDES 300 LB LIFTING CAPACITY. POOL LIFT SHALL BE ELECTRICALLY BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC).



McDOWELL ENGINEERING, INC.
1608 BECK AVENUE
PANAMA CITY, FLORIDA 32405
PHONE: (850) 872-0988
FAX: (850) 872-0992
CA., LLC, No. 9985

USE OF THIS DRAWING SHALL BE RESTRICTED TO THE PROJECT FOR WHICH IT WAS PREPARED. REUSE, REPRODUCTION OR PUBLICATION IN ANY MANNER, IN WHOLE OR IN PART SHALL BE STRICTLY PROHIBITED, UNLESS WRITTEN PERMISSION IS GRANTED BY ACDOWELL ENGINEERING, INC. THIS DRAWING REMAINS THE PROPERTY OF ACDOWELL ENGINEERING, INC. WITHOUT PREJUDICE AND SHALL BE SURRENDERED UPON REQUEST.

DESIGNED BY:	MCOWELL	DATE:	6/21/23
DRAWN BY:	MCOWELL	DATE:	6/21/23
CHECKED BY:		DATE:	
REVISION		DATE:	
REVISION		DATE:	
REVISION		DATE:	

1. IF THIS LINE DOES NOT REFER TO ONE OF THE LISTS IN LISTING 2, THEN

A circular professional engineer seal for John Roger McDowell. The outer ring contains the text "JOHN ROGER MCDOWELL" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the word "LICENSE" at the top, the license number "No. 38727" in the center, a star below the number, the words "STATE OF" below the star, and the word "FLORIDA" at the bottom.

SWIMMING POOL FOR COURTYARD MARRIOTT IN LAKE CITY

POOL NOTES, SCHEDULES AND DETAILS

P2