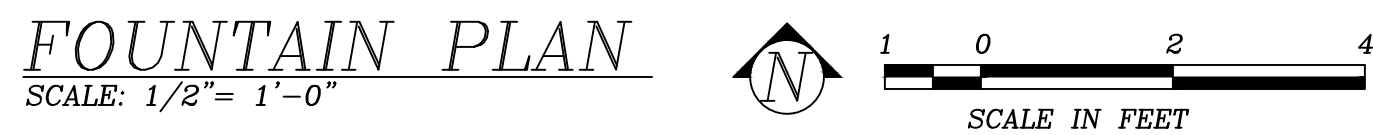


- A**



FOUNTAIN DATA	
SURFACE AREA	74 SQ. FT.
VOLUME	886 GALLONS
OPERATING WATER LEVEL	1 FT. 6 IN.
SHUT DOWN WATER LEVEL	1 FT. 6 IN.
FEATURE RATE	50 GPM
FILTRATION RATE	28 G.P.M.
FILTER TURNOVER	0 HR. 32 MIN.

G1. The applicable building code for this project is the Florida Building Code, 8th edition (2023). To the best of my knowledge and ability the design complies with the applicable building codes.

G2. Written dimensions take precedence over scaled dimensions.

G3. This fountain is not intended as an interactive water feature.

1510 Kastner Place
Sanford, FL 32771

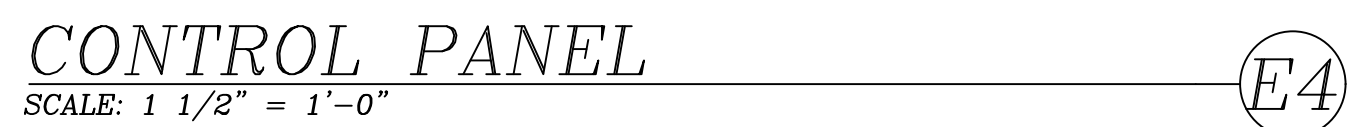
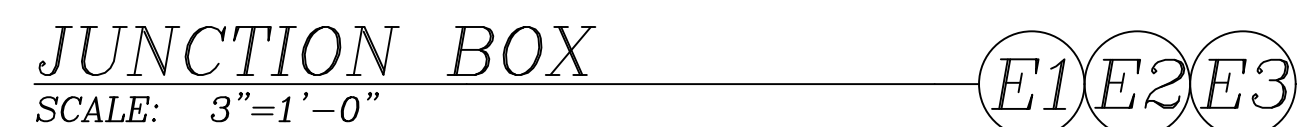
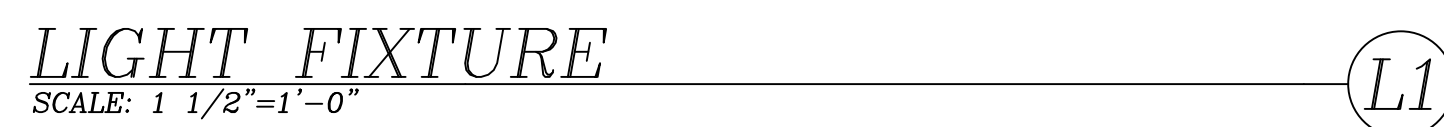
CHECKED BY:	SMV
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KEITH PROJECT
NUMBER 13861.00

Plotted by: jwolcott On 11/21/2024 12:57 PM

Drawing name: S:\Project Files\Pinecrest Walk\3 - Drawings\c - dwgs\3 - Working Drawings\157001.dwg

STATIS·CONSTRUCTION DOCUMENTS

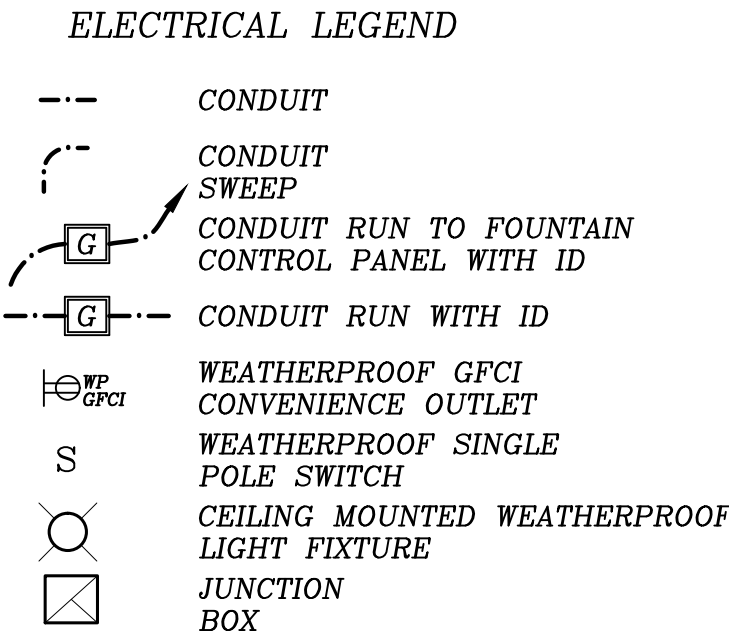


- NEMA 4X fiberglass properly sized to accommodate all electrical equipment
- UL 508A listing and label
- Main circuit breaker with through door disconnect for 120/208 volt, single phase incoming power
- Motor GFCI circuit breaker and properly sized for one 208 volt, single phase pump
- 120 type IEC type circuit breaker
- 120 volt GFCI lighting circuit breaker
- Control circuit breaker
- 120 volt GFCI circuit breaker for sanitizer
- 120 type IEC type circuit breaker
- IEC type contactor for sanitizer
- Door mounted, hand operated H-O-A switches for the pump and lights (2 total)
- Door mounted, run lights for the pump and lights (2 total)
- DMX splitter for light fixtures
- Neutral and ground bars

- Stainless steel enclosure
- U.L. listing and label
- Grounded shield between primary and secondary windings
- 300 watt
- 120 volt primary, 12, 13, 14 volt secondary taps

KEITH PROJECT
NUMBER 13861.00

A



A detailed schematic diagram of a fountain system. The diagram includes a cross-section of a fountain structure on the left, showing internal components like the pump motor and control panel. To the right is a large rectangular panel representing the fountain's exterior or a control enclosure, featuring a circular gauge and several rectangular ports. Various components are labeled with text and connected to the diagram by solid and dashed lines. The labels include: METAL FITTINGS, #8 SOLID COPPER BOND CONDUCTOR (TYPICAL), LISTED BONDING CONNECTOR (TYPICAL), SUBMERSIBLE JUNCTION BOX ON STAINLESS STEEL SLAB CONDUIT, FOUNTAIN STRUCTURE REINFORCING STEEL, METAL PIPING SYSTEMS, FOUNTAIN CONTROL PANEL, EQUIPMENT GROUNDING BAR, and FOUNTAIN PUMP MOTOR. The diagram illustrates the integration of electrical safety (bonding, grounding) and structural reinforcement within the fountain's design.

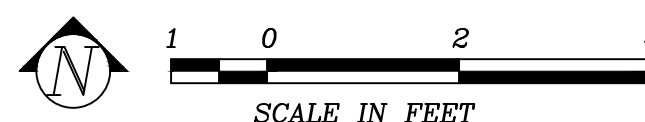


FOUNTAIN ELECTRICAL PLAN
 SCALE: 1/2" = 1'-0"



CONDUIT LEGEND				
CIRCUIT ID	CONDUIT SIZE	WIRE SIZE	BREAKER	NOTES
A	-	-	MCB	INCOMING, 120/208 VOLT, 1PHASE
B	¾"	2#10+G	CB1	3 HP, 208 VOLT, SINGLE PHASE PUMP
C	¾"	2#12+G	CB2	AOP SANITIZER
D	¾"	2#12+G	L-CB1	120 VOLT LIGHTING TRANSFORMER
E	¾"	2#10, 2CAT5+G	L-CB1	12 VOLT LIGHT FIXTURES

E8. Provide Arc Flash warning labels on Fountain Control Panel per NEC 110.16.



1510 Kastner Place
Sanford, FL 32771

ISSUE DATE:	11/21/24
DESIGNED BY:	
DRAWN BY:	RW
CHECKED BY:	JMW

KEITH PROJECT
NUMBER 13861.00

STATUS: CONSTRUCTION DOCUMENTS