

OBSERVED POTENTIAL ENCROACHMENTS

(A) OVERHEAD UTILITY LINE CROSSES ONTO PROPERTY WITH NO APPARENT EASEMEN **(B)** CONCRETE SIDEWALK CROSSES ONTO PROPERTY BY 0.2' AT MOST.

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY LIES WITHIN ZONE "X", AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 120186 0265 F MAP NO. 12095C0265F), WHICH BEARS AN EFFECTIVE DATE OF 09/25/2009, ANI S NOT IN A SPECIAL FLÓOD HAZARD AREA. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE. ZONE "X" DENOTES AREAS DETERMINED TO BE OUTSIDE HE 0.2% ANNUAL CHANCE FLOODPLAIN.

6Diid LE	GEND AND ABBREV	ATIO	NS
	CONCRETE SURFACE	(P1)	FDOT R/W MAP SECTION 75080-2510
E	ELECTRIC BOX	(P2)	PB 4, PG 81
Ď	UTILITY POLE	(R)	PER TITLE DESCRIPTION
TA FOR	LIGHT POLE ELECTRIC METER	(c)	CALCULATED
EM]	AIR CONDITIONER	(M)	FIELD MEASURED DATA
AC .	DRAIN GRATE	FND M&S	FOUND Magnail & Shiner
S	SANITARY MANHOLE	IR	IRON ROD
	FIRE HYDRANT	FDOT	
<u>w</u>	WATER VALVE	D /W	TRANSPORTATION
	WATER METER	R/W DA	RIGHT—OF—WAY DUMPSTER AREA
oplm	UTILITY PULL BOX PETROLEUM LINE MARKER	G	GATE
O(E)	SIGN		CURB & GUTTER
<u>*</u>	BOLLARD	TYP	
MB	MAILBOX	PB ORB	PLAT BOOK OFICIAL RECORDS BOOK
	FND MONUMENT AS NOTED	PG	
•	SET MONUMENT AS NOTED	POB	POINT OF BEGINNING
\/\	BREAK LINE	POC	POINT OF COMMENCEMENT
	- ELECTRICAL CONDUIT	ID PF	IDENTIFICATION PLASTIC FENCE
	- ELECTRICAL WIRE	— x —	- FENCE LINE
(E)	EXISTING —	— они ——	- OVERHEAD UTILITY LINE
(N)	NEW . •	• • • •	• GUARDRAIL

CVIII PLATTED SETBACK OR RECORDED BUILDING RESTRICTION LINES NONE PROVIDED TO THIS SURVEYOR.

"SCHEDNLE B - SECTION 2" ITEMS

2 "TABLE A" PROPERTY ADDRESS

Biv BEARING BASIS

3 "TABLE A" FLOOD INFORMATION

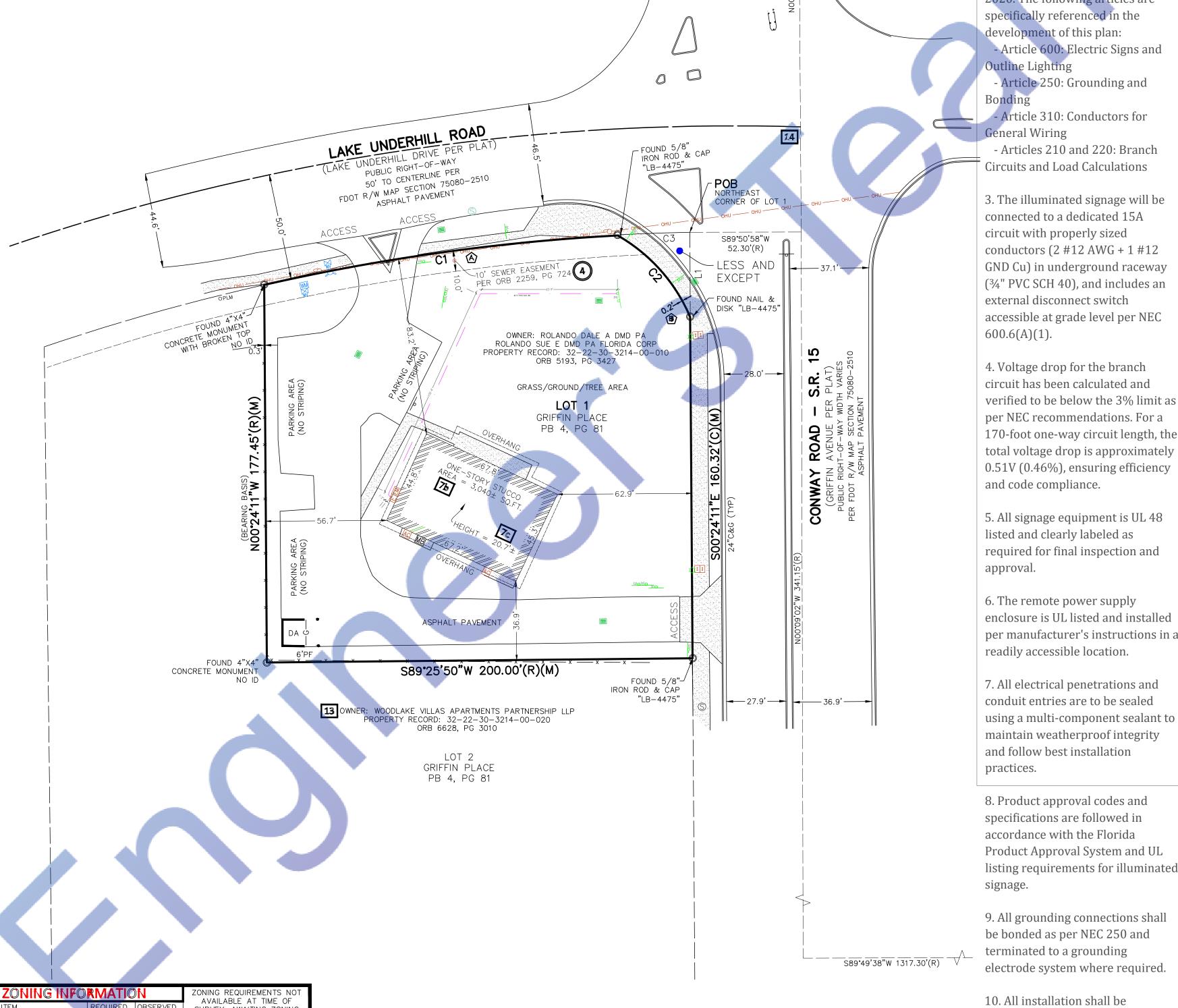
FASEMENT BETWEEN J.L. LYLE, III AND DOROTHY S. LYLE AND PLANTATION APARTMENTS OF ORLANDO, INC., A FLORIDA CORPORATION RECORDED AUGUST 2, 1972 IN OFFICIAL RECORDS BOOK 2259, PAGE 724. (AFFECTS. AS SHOWN.)

NOTICE OF EASEMENT IN FAVOR OF BRIGHT HOUSE NETWORKS, LLC, A DELAWARE LIMITED LIABILITY COMPANY RECORDED JULY 23, 2010 IN OFFICIAL RECORDS BOOK 10079, PAGE 4377. (AFFECTS. BLANKET IN NATURE. NOTHING TO PLOT.)

Electrical Circuit Schedule: Sign								
Item	Description	Voltage	Load (W / A)	Conductors	Conduit	CIRCUIT BREAKER	Bu	

CURVE DATA							
NUMBER	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING		
C1(C)(M)	996.89'	9*38'48"	167.84	167.64'	N82°02'23"E		
C2(C)(M)	80.00'	37 ° 23'30"	52.21'	51.29'	S41°38'07"E		

LINE TABLE			CURVE DATA						
LINE #	DIRECTION	LENGTH	NUMBER	RADIUS	DELTA	LENGTH	CHORD	CHORD BEAR	
L1(C)	S00°15'19"E	39.61	C3(C)	996.86'	1°56'38"	33.82'	33.82'	N87°58'58"	
L1(R)	S00°05'07"E	39.61'	C3(R)	996.86'	1°56'38"	33.82'	33.82'	N88°09'10"	



GENERAL ELECTRICAL NOTES

1. This electrical plan has been

designed in full compliance with

the Florida Building Code (FBC)

govern the requirements for

construction documents and

2. All electrical work associated

with the illuminated freestanding

monument signage adheres to the

National Electrical Code (NEC)

2020. The following articles are

- Article 600: Electric Signs and

Article 250: Grounding and

Article 310: Conductors for

- Articles 210 and 220: Branch

Circuits and Load Calculations

connected to a dedicated 15A

conductors (2 #12 AWG + 1 #12

accessible at grade level per NEC

4. Voltage drop for the branch circuit has been calculated and

verified to be below the 3% limit as

per NEC recommendations. For a

and code compliance.

approval.

practices.

listed and clearly labeled as

6. The remote power supply

readily accessible location.

required for final inspection and

enclosure is UL listed and installed

per manufacturer's instructions in a

circuit with properly sized

external disconnect switch

600.6(A)(1).

specifically referenced in the

development of this plan:

Outline Lighting

General Wiring

supporting data.

Sections 107.2 and 107.3.5, which

NORTHEAST CORNER OF THE WEST 1/2 OF THE NORTHEAST 1/4

SECTION 32, TOWNSHIP 22 SOUTH, RANGE 30 EAST

: TITLE DESCRIPTION AND SCHEDULE "B" ITEMS HEREON ARE FROM: IDELITY NATIONAL TITLE INSURANCE COMPANY, COMMITMENT NO.: 11338551, HAVING AN EFFECTIVE DATE OF 08/21/2023.

I TITLE DESCRIPTION

THAT PART OF:

RECORDS OF ORANGE COUNTY, FLORIDA. LESS AND EXCEPT THAT PORTION OF THE SUBJECT PROPERTY CONVEYED TO THE STATE OF FLORIDA PEPARTMENT OF TRANSPORTATION, BY VIRTUE OF DEED FILED APRIL 27, 1988 RECORDED IN OFFICIAL RECORDS BOOK 3975, PAGE 4780, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

OT 1, GRIFFIN PLACE, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 4, PAGE 81, PUBLIC

OF 1

LOT 1, GRIFFIN PLACE, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 4, PAGE 81, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, IN SECTION 32, TOWNSHIP 22 SOUTH, RANGE 30 EAST, DESCRIBED AS

COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF SECTION 32, TOWNSHIP 22 SOUTH, RANGE 30 EAST; THENCE SOUTH 89°49'38" WEST ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER A STANCE OF 1317.30 FEET TO THE BASELINE OF SURVEY FOR STATE ROAD 15 (CONWAY ROAD, SECTION 75080—2510); THENCE NORTH 00°09'02" WEST ALONG SAID BASELINE 2096.46 FEET; THENCE SOUTH 89°50'58' WEST A DISTANCE OF 52.30 FEET TO THE INTERSECTION OF THE WESTERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 15 (CONWAY ROAD) AND THE SOUTHERLY EXISTING RIGHT OF WAY LINE FOR LAKE UNDERHILL DRIV (BEING ALSO THE NORTHEAST CORNER OF LOT 1, GRIFFIN PLACE, AS RECORDED IN PLAT BOOK 4, PAGE 81, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA) FOR THE POINT OF BEGINNING; THENCE SOUTH 00°05'07" EAS ALONG SAID WESTERLY RIGHT OF WAY LINE (BEING ALSO THE EAST LINE OF SAID LOT 1) A DISTANCE OF 39.61 FEET TO THE BEGINNING ON A NON-TANGENT CURVE CONCAVE SOUTHWESTERLY HAVING A RADIUS OF 80 FEET AND BEING SUBTENDED BY A CHORD BEARING OF NORTH 41"19'04" WEST; THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 37'23'38" A DISTANCE OF 52.21 FEET TO THE SAID SOUTHERLY RIGHT OF WAY LINE, BEING THE BEGINNING OF ANOTHER NONTANGENT CURVE CONCAVE SOUTHEASTERLY, HAVING A RADIUS OF 996.89 FEET AND BEING SUBTENDED BY A CHORD BEARING OF NORTH 88'09'10" EAST: THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE (BEING ALSO SAID SOUTHERLY RIGHT OF WAY LINE AND THE NORTH LINE OF SAID LOT 1) THROUGH A CENTRAL ANGLE OF 1°56'38" A DISTANCE OF 33.82 FEET TO THE POINT OF BEGINNING.

THIS SURVEY DESCRIBES AND DEPICTS THE SAME LAND AS DESCRIBED IN THE TITLE COMMITMENT AS REFERENCED

Diig SURVEYOR'S NOTES

THIS SURVEY MEETS OR EXCEEDS THE FLORIDA STANDARDS OF PRACTICE AS SET IN FLORIDA ADMINISTRATIVE CODE CHAPTER 5J-17-0.50 FOR A BOUNDARY SURVEY. ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH 1 CURRENT REQUIREMENTS FOR SURVEYING IN THE STATE OF FLORIDA TO THE BEST OF MY

LAND AREA 37,890± SQUARE FEET 0.870± ACRES

N00°24'11"W, PER PLAT BOOK 4, PAGE 81. 7. All electrical penetrations and

conduit entries are to be sealed 9 PARKING SPACES using a multi-component sealant to

maintain weatherproof integrity and follow best installation

8. Product approval codes and specifications are followed in accordance with the Florida Product Approval System and UL listing requirements for illuminated signage.

9. All grounding connections shall be bonded as per NEC 250 and terminated to a grounding electrode system where required.

10. All installation shall be completed by a licensed electrical contractor, ensuring conformance with local jurisdiction requirements and permitting guidelines.

NO UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY, ONLY ABOVE GROUND VISIBLE EVIDENCE OF UTILITIES ARE SHOWN. ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO: UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING, EASEMENTS, SERVITURES, AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.

. THIS SURVEY MEETS OR EXCEEDS THE SURVEY STANDARDS/STANDARDS OF CARE AS SET FORTH IN SECTION 3 OF THE 2021 ALTA/NSPS SURVEY REQUIREMENTS. KNOWLEDGE, INFORMATION, AND BELIEF.

BEARINGS SHOWN HEREON ARE BASED ON THE WEST LINE OF LOT 1, WHICH BEARS

5F CEMETERY NOTE THERE IS NO VISIBLE EVIDENCE OF CEMETERIES ON SUBJECT PROPERTY.

REGULAR = 0 HANDICAP = 0 TOTAL = 0

BBIII ACCESS TO PROPERTY THE SUBJECT PROPERTY HAS DIRECT PHYSICAL ACCESS TO LAKE UNDERHILL ROAD & CONWAY ROAD, BOTH ARE DEDICATED PUBLIC STREETS OR HIGHWAYS.

16 EARTH MOVING NOTE

7 I SURVEYOR'S CERTIFICATE

THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.

ILCONTIGUITY STATEMENT HE PARCELS CONTAINED IN THE LEGAL DESCRIPTION ARE CONTIGUOUS WITHOUT ANY

GAPS, GORES OR OVERLAPS.

O: DALE A. ROLANDO, D.M.D. AND SUE E. ROLANDO, D.M.D., P.A.; JA DDS REAL ESTATE, LLC; PROVIDE, INC.; FIDELITY NATIONAL TITLE INSURANCE COMPANY; DEAN, MEAD, EGERTON, BLOODWORTH, CAPOUANO & BOZARTH, P.A.:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(a), 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 13, 14, 16, AND 19 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 09/18/2023. DATE OF PLAT OR MAP: 09/21/2023.



PROFESSIONAL SURVEYOR & MAPPER NO: LS6930

PHONE: (407) 426-7979 FAX: (407) 426-9741 NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL

INFO@ÀSMĆORPORATE.COM RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPF

DATE

FRECORDED SETBACKS/RESTRICTIONS PROVIDED BY INSURED 10 "TABLE A" DIVISION/PARTY WALLS CCESS TO PROPERTY SDIIC NORTH ARROW & SCALE **11** "Table a" utility information iii surveyor observed potential encroachments 6Diid LEGEND & ABBREVIATIONS 13 "TABLE A" ADJOINING OWNERS Dije VICINITY MAP EI "SCHEDULE B - SECTION 2" ITEMS TABLE A" INTERSECTING STRE 5F CEMETERY NOTE Diig SURVEYOR'S NOTES 16 "TABLE A" EARTH MOVING NO **5** TABLE "A" ZONING INFORMATION Dik TYPE OF SURVEY 17 TABLE A" RIGHT OF WAY CHANGES 6Bi TITLE DESCRIPTION 7 SURVEYOR'S CERTIFICATE 18 "TABLE A" OFFSITE EASEMENTS OR SERVITUD

"TABLE A" BUILDING HEIGHT

7b "TABLE A" BUILDING AREA

ALTA/NSPS LAND TITLE SURVEY IDENTIFICATION TABLE

8 "TABLE A" SUBSTANTIAL FEATURES OBSERV

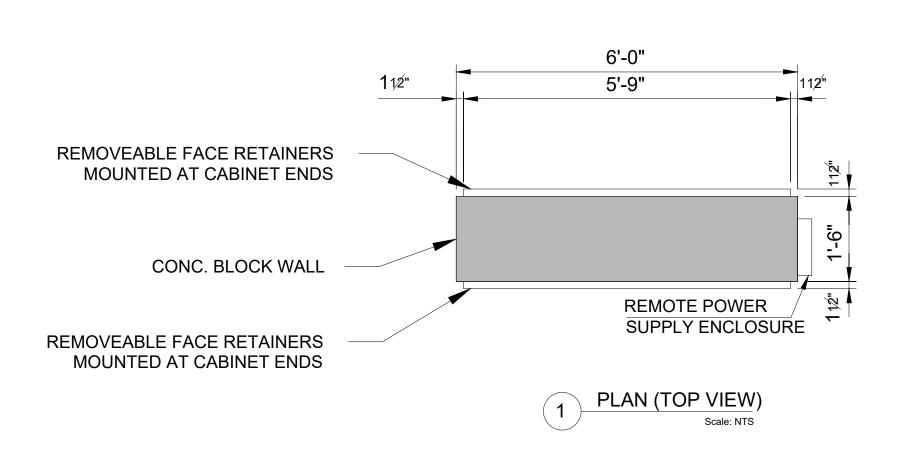
TITLE COMMITMENT INFORMATION 9 "TABLE A" PARKING SPACES

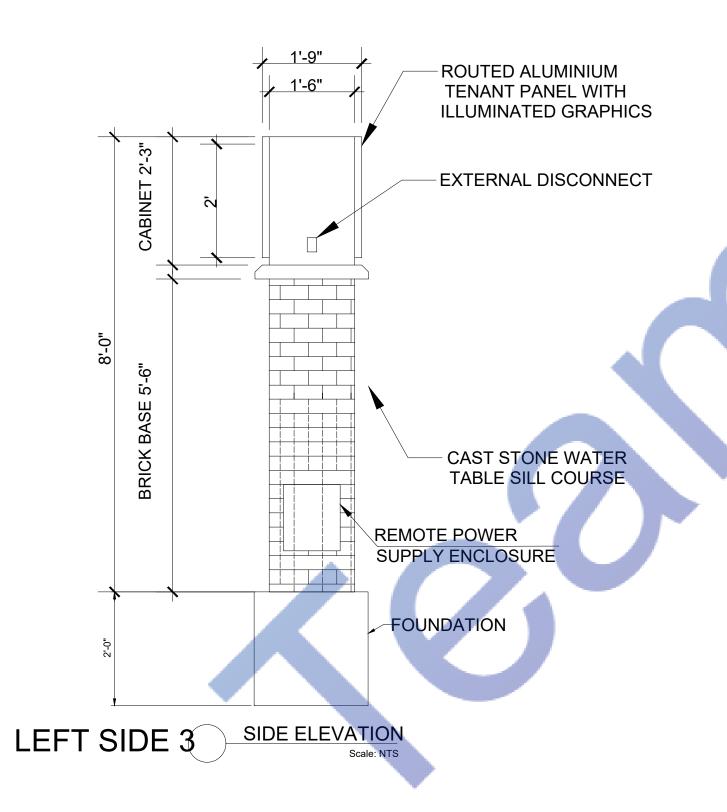
6Bvii Contiguity Statement

SURVEY, AWAITING ZONING REPORT. INIMUM LOT AREA (SQ.FT.) NIMUM FRONTAGE NIMUM LOT WIDTH IAX BUILDING COVERAGE IAX BUILDING HEIGHT NIMUM SETBACKS FRONT NOTES: ARKING REQUIREMENTS:

DRAWING SCALE TAE (09/21/ DRAWING | 2319507 47687 ORLANDO FL 09-19-23.DWG

- - C- \---\- C-





Voltage Drop Calculation

 $VD = (2 \times K \times I \times D) / CM$

Where,

- Distance (K) (assume 170 ft one-way) = 340 ft round trip Current (I)= 0.775 A
- Conductor = #12 Cu \rightarrow Resistance (D) \approx 1.93 Ω /1000ft
- Voltage = 110v

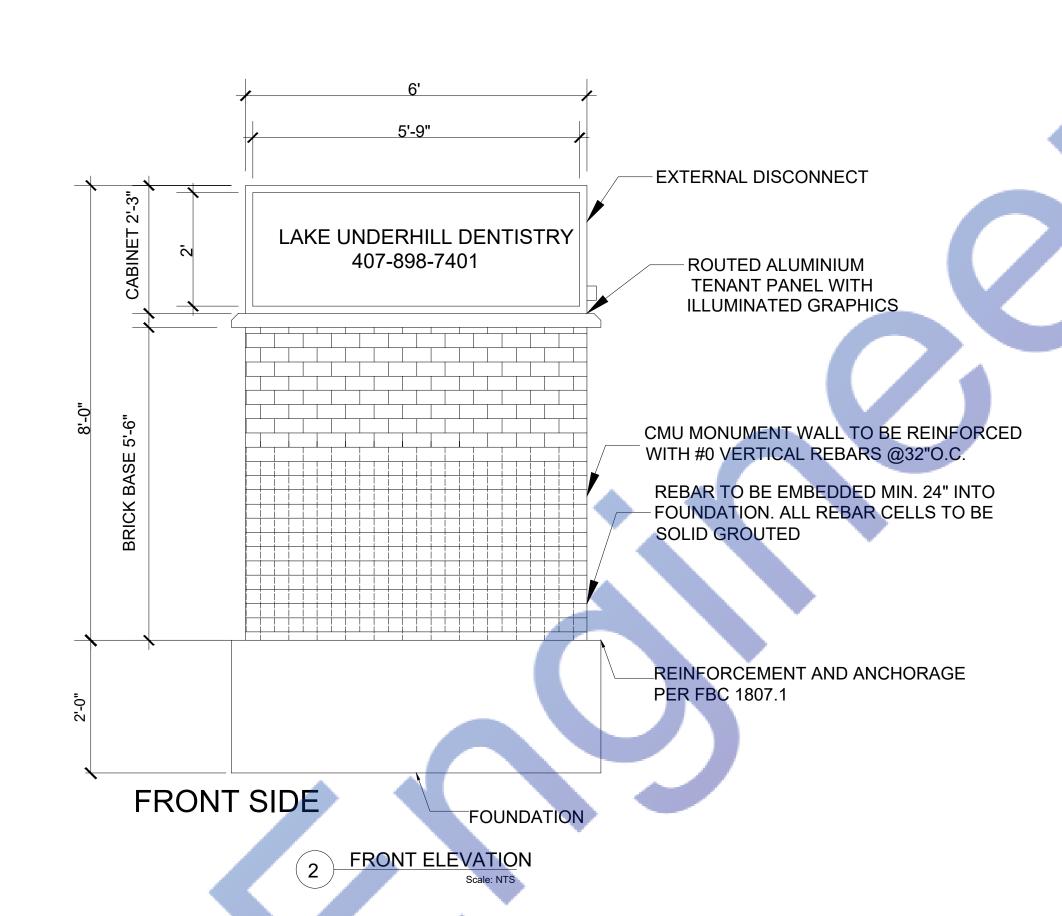
VD_Volts = (length_ft * current_a * resistance_ohm_per_1000ft) / 1000 VD = (2 × 170 × 0.775 × 1.93) / 1000

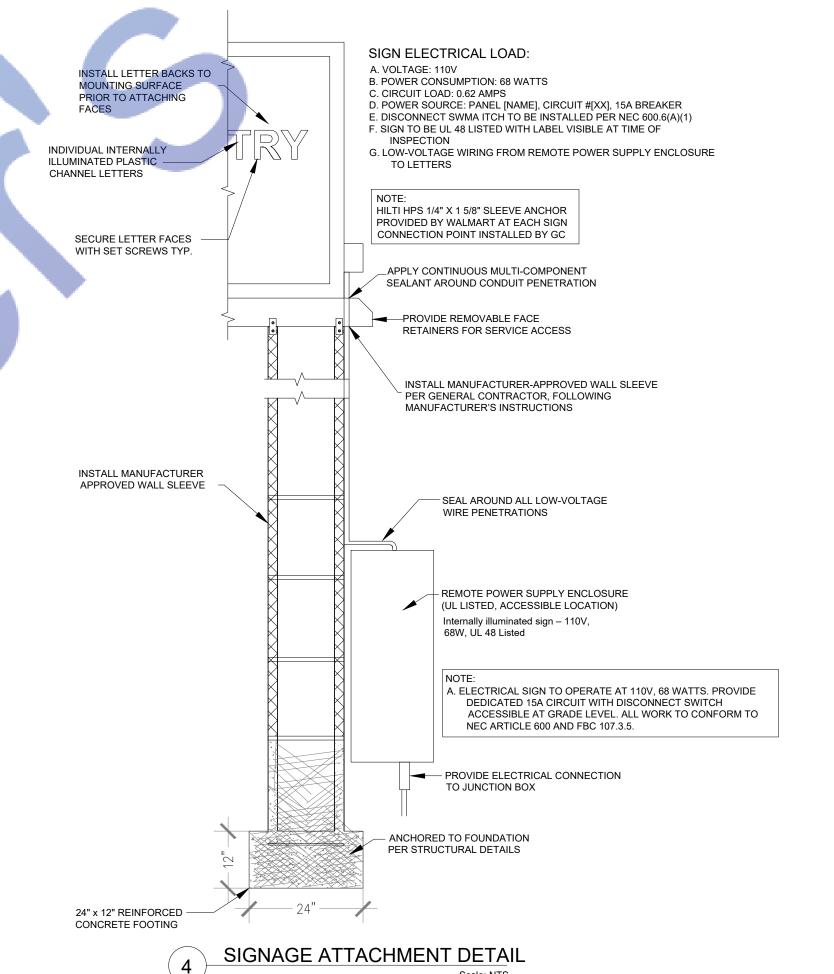
= 0.508555 V

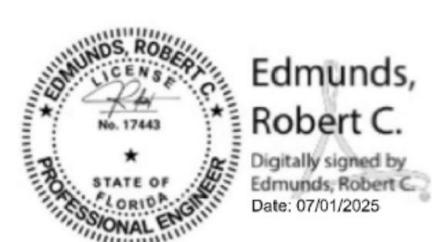
VD_Percent = (vd_volts / voltage) * 100 %VD = (0.508555 / 110) × 100

≈ 0.46%

- Voltage Drop: ≈ 0.51 Volts
- Percentage Drop: ≈ 0.46%
 Acceptable (NEC <3%)







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	O. REVISION DATE ROJ.									
	ORLANDO, FL 32803									
	4396 LAKE UNDERHILL RD,									
	T1 E									
	TITLE SHEET HOP. BY.									
RMJM EXPERT ORGANIZATION Cell +92-321-2266110 email:-rmjmexpo@gmail.com										
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	06-18-2025	CH'D. U.A	U.A	EL-01						