MIAMIBEACH

PUBLIC WORKS DEPARTMENT

INDIAN CREEK DRIVE (SR-A1A) & 41ST STREET (SR-112)
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-020

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

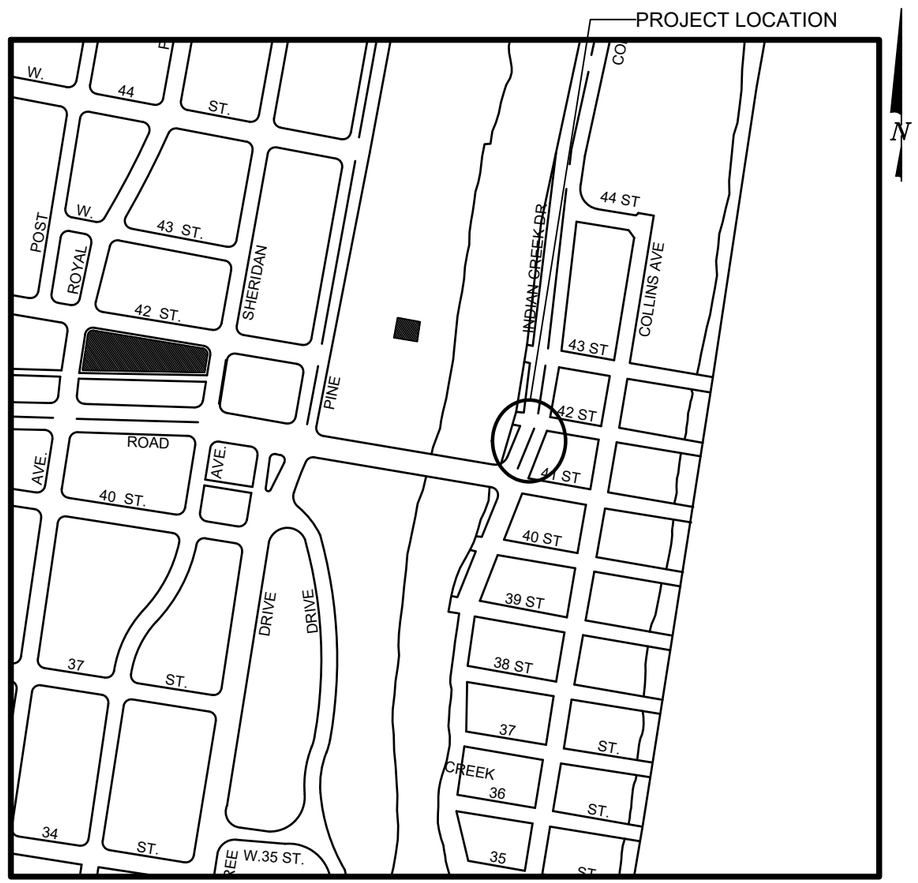
CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731



LOCATION MAP

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-020 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-020 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-020 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

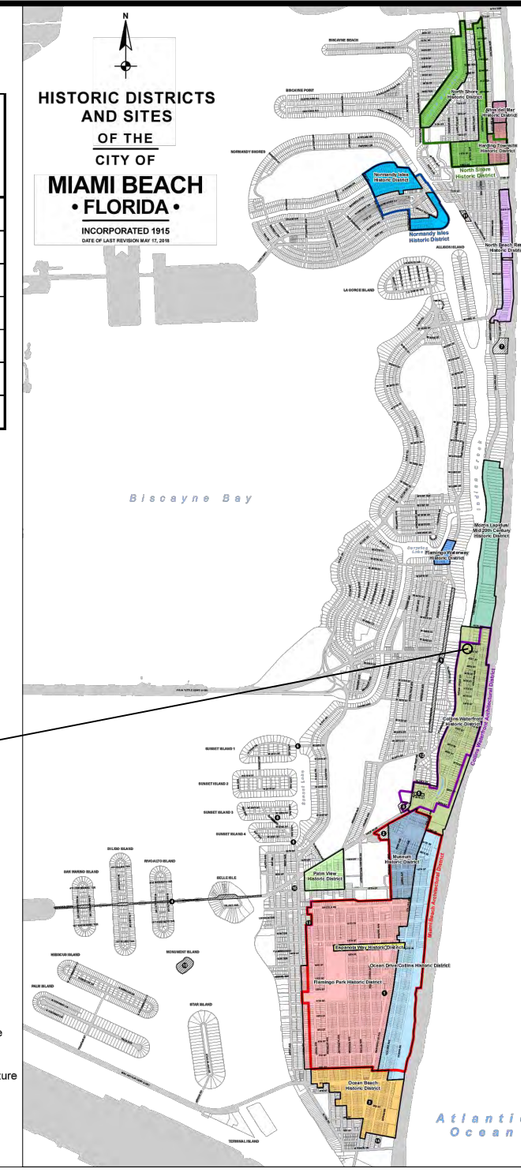
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 6 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-020 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-020 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-020 SITE SURVEY	

PROJECT LOCATION
COLLINS WATERFRONT HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

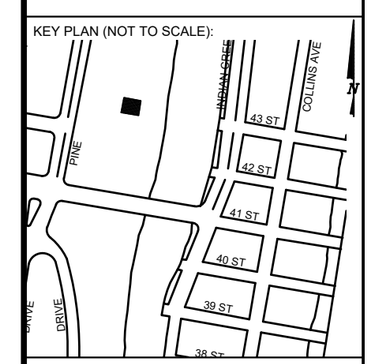
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

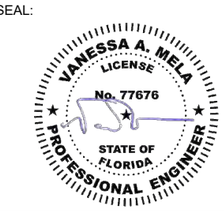
= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
G = GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
G = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-020: INDIAN CREEK DRIVE & 41ST STREET

TITLE:
INDEX OF SHEETS

File Name: MIB-020-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

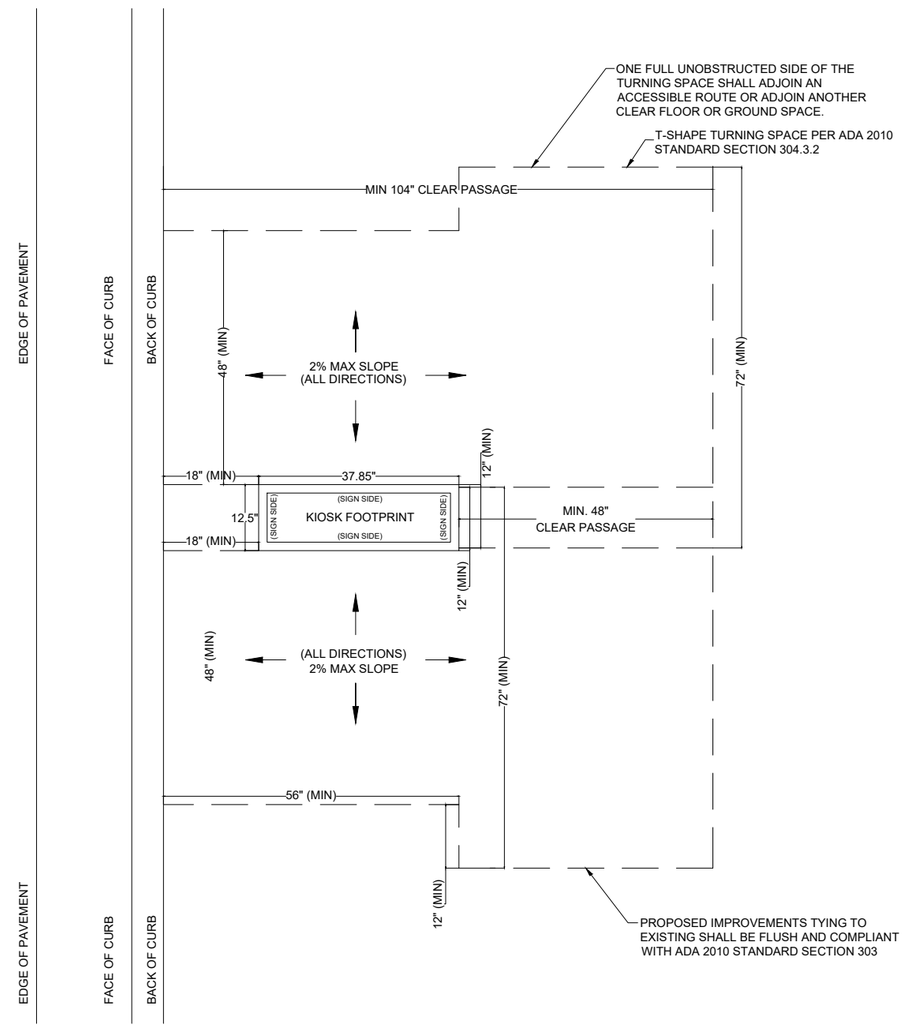
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

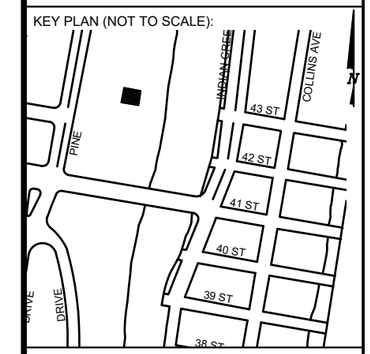
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

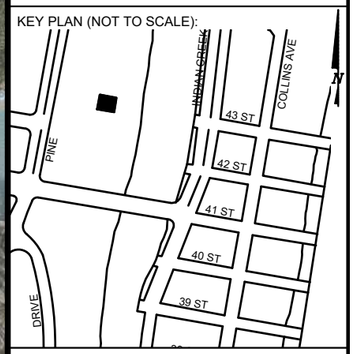
NEIGHBORHOOD:
MIB-020: INDIAN CREEK DRIVE & 41ST STREET

TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-020-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 - Fax: (305) 676-5984
FL PE Certificate No.: 00006731

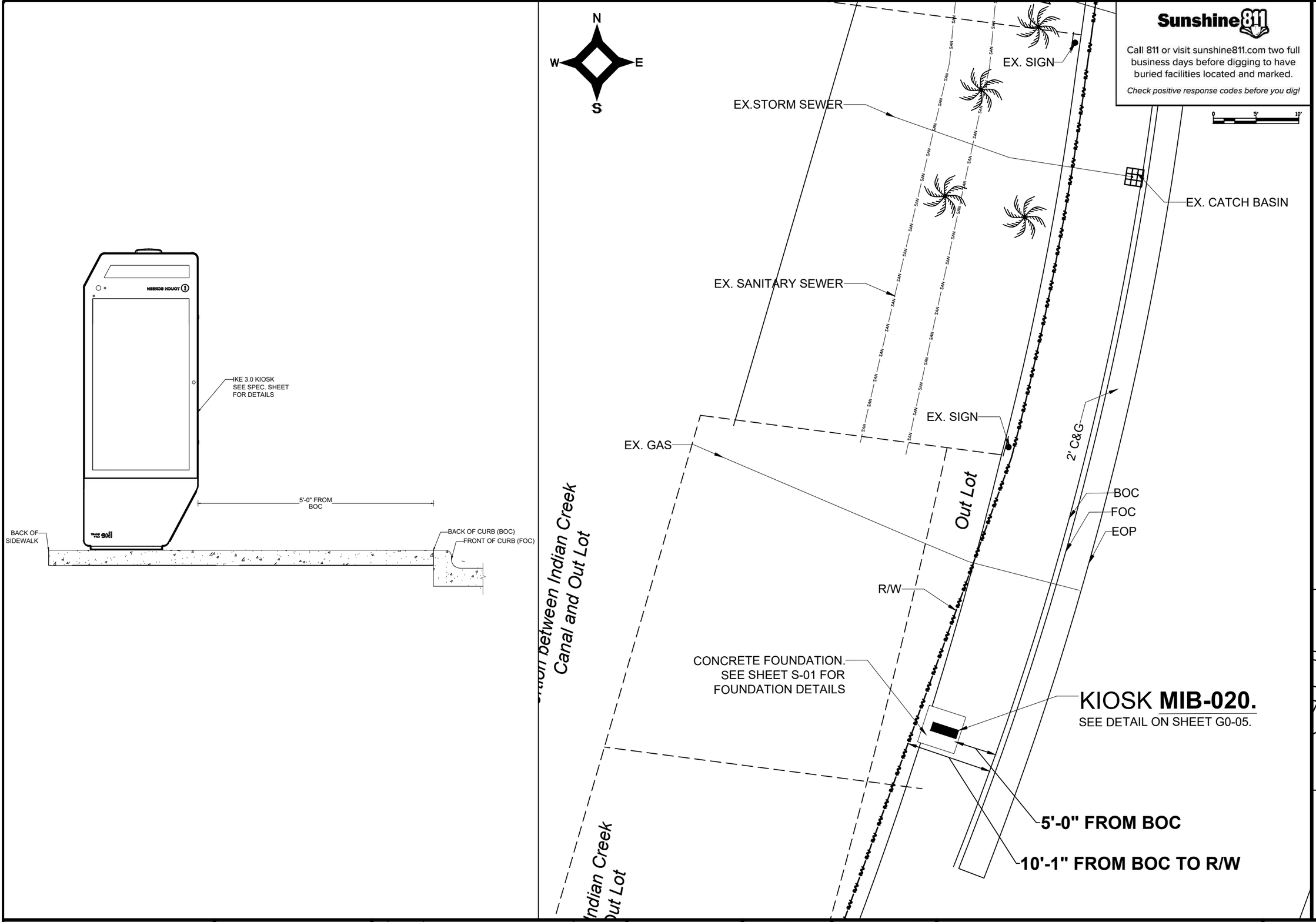
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-020: INDIAN CREEK DRIVE & 41ST STREET

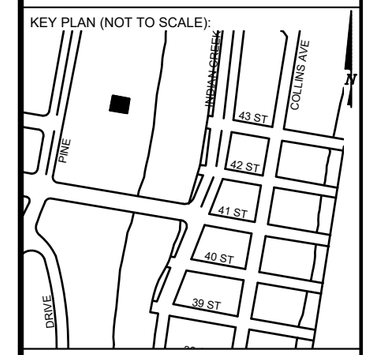
TITLE:
CIVIL SITE PLAN

File Name: MIB-020-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01



NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

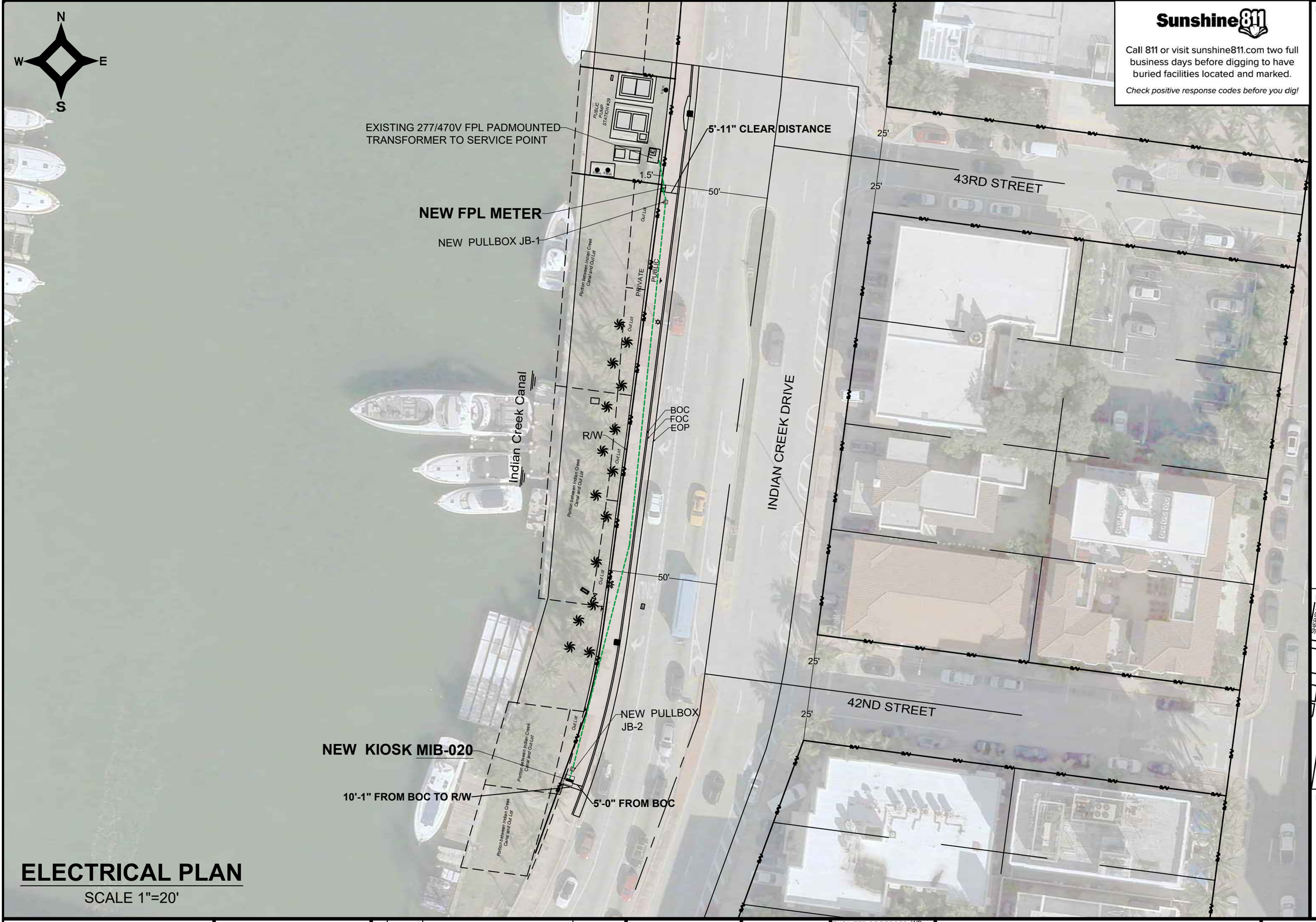
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-020: INDIAN CREEK DRIVE & 41ST STREET

TITLE:
KIOSK MIB-020 ENGINEERING PLAN

File Name: MIB-020-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02



ELECTRICAL PLAN

SCALE 1"=20'

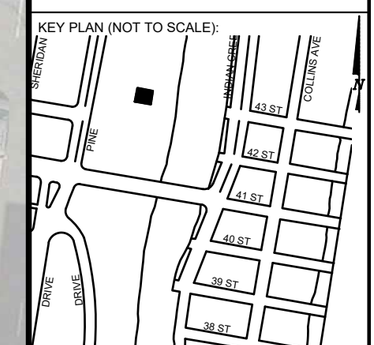
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

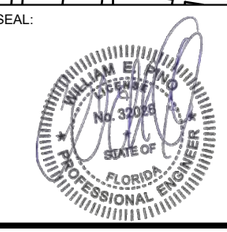
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3008 , Fax: (305) 676-8864
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

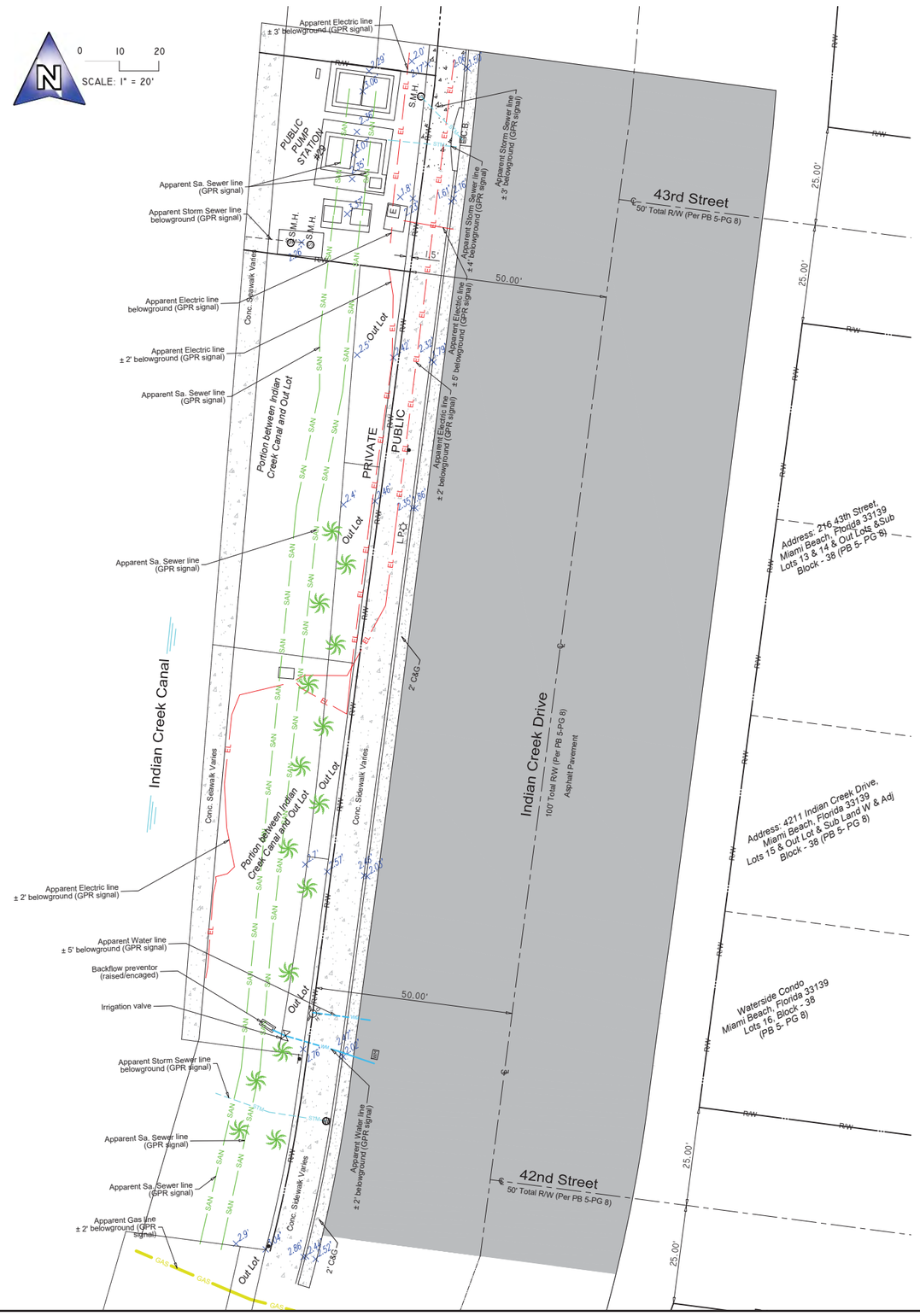
ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=20'

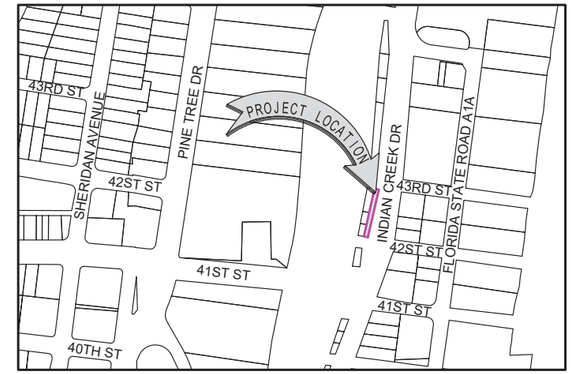
NEIGHBORHOOD:
MIB-020: INDIAN CREEK DRIVE & 41ST STREET

TITLE:
KIOSK MIB-020 ELECTRICAL PLAN

File Name: MIB-020-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

SPECIFIC PURPOSE SURVEY





LOCATION MAP

Not to Scale

SURVEYOR'S REPORT AND GENERAL NOTES
(Not valid without the attached Survey Map)

1. This is not a Boundary Survey.
2. These lands are subject to additional restrictions of record that were not furnished to the undersigning registered surveyor. A title search has not been performed by the surveyor.
3. North arrow direction is based on an assumed Meridian. Bearings are based on an assumed meridian on a well-established line, said line is being noted as BR on the Survey Map.
4. Only above ground improvements are shown herein. Foundations, underground features and utilities have not been located by this surveyor. Refer to SUE effort notes below.
5. Survey markers found in the field have no identification unless otherwise shown. Any survey marker set by our company is labeled LB 7262 or PSM 6169.
6. This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
7. This Survey Map is being prepared for the use of the party/parties that it is certified to and does not extend to any unnamed individual, entity or assignee.
8. **FLOODPLAIN INFORMATION:** As scaled from Federal Insurance Rate Map (FIRM) of Community No. 120651 (City of Miami Beach), Panel 0328, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "AE" with Base Flood Elevation 7 feet (NGVD 1929)
9. **HORIZONTAL ACCURACY:** Accuracy obtained thru measurements and calculations meets and exceeds the minimum horizontal feature accuracy for a Suburban area being equal to 1 foot in 7, 500 feet.
10. **VERTICAL CONTROL AND ACCURACY:** The elevations as shown are referred to the National American Vertical Datum of 1988 (NAVD 1988). The closure in feet, as computed, meets the standard of plus or minus 0.05 feet times the squared root of the loop distance in miles. Elevation are based on a level loop from and to the following official Bench Marks:
    Bench Mark # 1: City Miami Beach Bench Mark CMB 42 01 06, Elevation = 2.06 feet (NAVD'88)
    Bench Mark # 2: City Miami Beach FDOT 87-03-PN01C, Elevation = 3.81 feet (NAVD'88)
11. **SUE NOTES:**
    Subsurface Utility investigation was performed by South Florida Utility Location Services using GPR (Ground Penetrating Radar) and RD (Radiodetection Technology) for designation and location of underground facilities. The horizontal accuracy of this method is +/- 1.5 feet approximately, and is subject to equipment limitations. This Survey depicts the location of the marks indicating the approximate location of the buried pipes and conduits. There might be additional underground facilities not discovered at the time of this survey. Underground utility references as shown on this survey drawing is solely based on information marked on the field by South Florida Utility Location Services for this project. Contact information below:

    South Florida Utility Location Services
    15323 SW 31st Terrace, Miami, Florida 33185
    (786) 547 9086 Office, Emai: rogerh@sf-uls.com, Contact Person: Roger Hasbani

    Surveyor is not responsible for any errors or omissions that could arise from the information provided. Call 811 or visit www.sunshine811.com before digging.

E = RED PAINT LINE APPARENT ELECTRIC CONDUIT
WM = BLUE PAINT LINE APPARENT WATER LINE
SAN = GREEN PAINT LINE APPARENT SANITARY SEWER LINE
GAS = YELLOW PAINT LINE APPARENT GAS LINE
STM = GREEN PAINT LINE APPARENT STORM SEWER LINE

I HEREBY CERTIFY TO:
Main Street Engineering, that this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey is accurate and correct to the best of my knowledge and belief.

Odalys C Bello
c=US, o=Bello and Bello Land Surveying Corp., deQualifier=A01410C000001884E3B67E8000DD40A, cn=Odalys C Bello
2023.09.12 16:53:50 -04'00'

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 • State of Florida
Field Work Date: 09/12/2023

LEGEND & ABBREVIATIONS

= CONCRETE (CONC.)
= CONCRETE BLOCK WALL
= WOOD DECK
= COVERED AREA
= ASPHALT
= TILE
= PAVERS
= STONE
= CHAIN LINK FENCE (CLF)
= WOOD FENCE (WF)
= IRON METAL BARS FENCE (IF)
= OVERHEAD WIRES
= WATER VALVE (WV)
= POWER POLE (PP)
= GUY ANCHOR
= WATER METER (WM)
= CONC. LIGHT POLE (LP)
= WELL
= STREET SIGN
= SANITARY MANHOLE
= DRAINAGE MANHOLE
= MANHOLE
= FIRE HYDRANT
= CABLE BOX (CATV)
= FPL TRANSFORMER
= CATCH BASIN OR INLET
= EXISTING ELEVATION
= ELECTRIC BOX
= PROPERTY CORNER
= PERMANENT CONTROL POINT (PCP)

PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
PCC = POINT OF COMPOUND CURVE
PRC = POINT OF REVERSE CURVE
BM = BENCH MARK
BR = BEARING REFERENCE
TBM = TEMPORARY BENCH MARK
PL = PROPERTY LINE
CL = CENTER LINE
ML = MONUMENT LINE
BL = BASE LINE
MEAS = FIELD MEASURED
P = PER PLAT
PSM = PROFESSIONAL SURVEYOR AND MAPPER
A/C = AIR CONDITIONER PAD
ENCR = ENCROACHEMENT
FF ELEV= FINISHED FLOOR ELEVATION
(XX-XX) = DENOTES PLAT BOOK XX - PAGE XX
ORB = OFFICIAL RECORD BOOK
CBS = CONCRETE BLOCK STRUCTURE
R/W = RIGHT OF WAY
ELEV = ELEVATION
SEC = SECTION
T = TOWNSHIP
R = RANGE
CALC = CALCULATED
(R) = RECORD

BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@belloland.com • www.belloland.com • www.belloland.com

Additions and deletions to this Survey Map are prohibited. This Survey Map and Report are not valid without the signature and original raised seal or without the authenticated electronic signature and seal of the undersigning Florida licensed Surveyor and Mapper.

MIB-020

Project No. 23258 D.B.: I.C Page 1 of 1

1. Indian Creek Drive & W 41st Street

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

COLLINS AVENUE (SR-A1A) & 34TH STREET
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-025

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

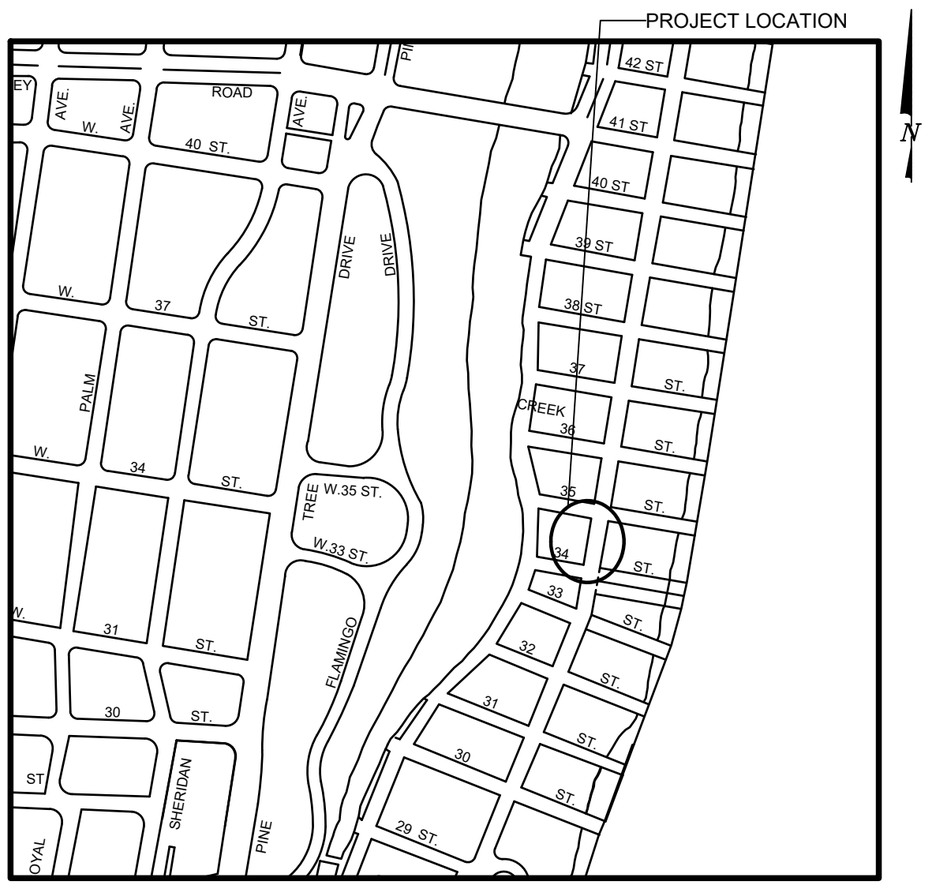
CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731



LOCATION MAP

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-025 ENGINEERING PLAN	
5	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
6	ELECTRICAL	E1-01	KIOSK MIB-025 ELECTRICAL PLAN	
7	SURVEY		KIOSK MIB-025 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

Always call 811 two full business days before you dig to have underground utilities located and marked..
Sunshine811.com

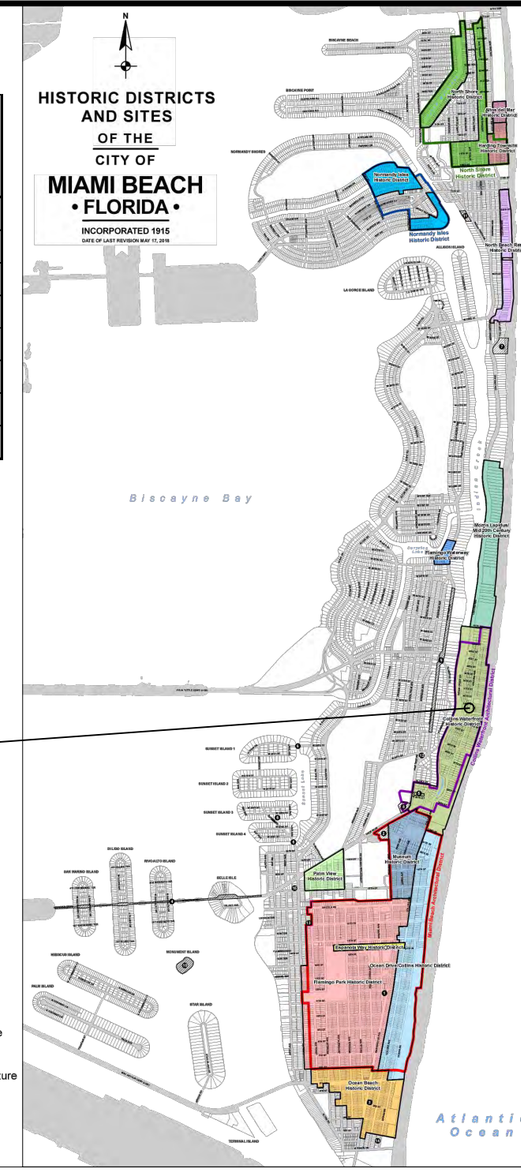
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 7 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-025 ENGINEERING PLAN	
5	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
6	ELECTRICAL	E1-01	KIOSK MIB-025 ELECTRICAL PLAN	
7	SURVEY		KIOSK MIB-025 SITE SURVEY	

PROJECT LOCATION
COLLINS WATERFRONT HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

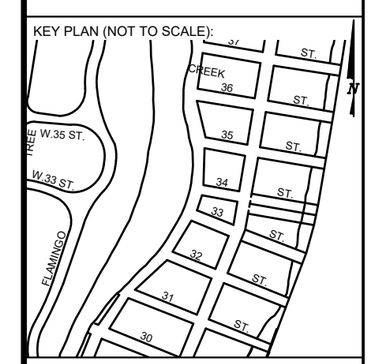
NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

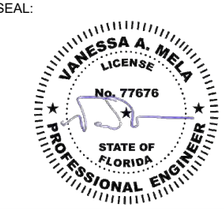
LEGEND AND ABBREVIATIONS
- = PALM TREE
- = TREE
- = ORNAMENTAL TREE
- O.R.B. = OFFICIAL RECORDS BOOK
- PG. = PAGE
- ELEV. = ELEVATION
- TYP. = TYPICAL
- CATV = CABLE TELEVISION
- OHE = OVERHEAD ELECTRIC LINE
- X 0.00 = SPOT ELEVATION
- CONC. = CONCRETE
- C.B.S. = CONCRETE BLOCK STUCCO
- C.L.F. = CHAIN LINK FENCE
- W.F. = WOOD FENCE
- M.F. = METAL FENCE
- RCP = REINFORCED CONCRETE PIPE
- FF = FINISH FLOOR
- (R) = RECORD
- (C) = CALCULATED
- (M) = MEASURE
- LB = LICENSE BUSINESS
- L = LENGTH
- Δ = CENTRAL ANGLE
- R = RADIUS
- T = TANGENT
- PT = POINT OF TANGENCY
- PC = POINT OF CURVATURE
- STA. = STATION
- PI = POINT OF INTERSECTION
- ID = IDENTIFICATION
- MLP = METAL LIGHT POLE
- CLP = CONCRETE LIGHT POLE
- R/W = RIGHT-OF-WAY
- P.B. = PLAT BOOK
- = SECTION LINE
- = CENTERLINE
- = BASELINE
- = MONUMENT LINE
- TR = TRAFFIC SIGNAL BOX
- TR = TRAFFIC SIGNAL CABINET
- = BOLLARD
- = PEDESTRIAN SIGNAL
- = TRAFFIC SIGNAL MAST ARM
- = SIGN
- TV = CABLE TELEVISION BOX
- = LIGHT POLE
- E = ELECTRIC BOX
- = UTILITY POLE
- T = ELECTRIC TRANSFORMER
- = GUY ANCHOR
- E = ELECTRIC MANHOLE
- E = ELECTRIC METER
- G = GAS VALVE
- G = GAS UTILITY BOX
- G = GAS MANHOLE
- G = GAS TANK
- G = GAS METER
- C = COMMUNICATION BOX
- C = COMMUNICATION MANHOLE
- = GARBAGE RECEPTACLE
- = HANDICAP PARKING SPACE
- W = WATER METER
- = IRRIGATION VALVE
- = WATER VALVE
- = FIRE HYDRANT
- W = WATER BOX
- = WATER CONNECTION
- W = WATER MANHOLE
- W = WATER TANK
- W = WATER WELL
- = WATER MARKING FLAG
- = WATER MARKING SIGN
- D = STORM MANHOLE
- D = STORM METER
- = CATCH BASIN
- T = TELEPHONE MANHOLE
- T = TELEPHONE BOX
- N = NEWSPAPER DISPENSER
- = MAILBOX
- S = SANITARY MANHOLE
- S = SANITARY BOX
- S = SANITARY TANK
- S = SANITARY LIFT STATION
- GT = GREASE TRAP MANHOLE
- = CLEANOUT
- = PARKING METER
- F = FIBER OPTIC BOX
- = FIBER OPTIC MARKER SIGN
- = MONITORING WELL
- F = FUEL TANK
- U = UNKNOWN UTILITY BOX
- U = UNKNOWN UTILITY METER
- U = UNKNOWN UTILITY MANHOLE
- U = UNKNOWN UTILITY VALVE
- U = UNKNOWN UTILITY MARKER FLAG
- S = SANITARY VALVE
- = RAILROAD SIGN
- = FLAGPOLE
- P = PROPERTY LINE
- = ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-025: COLLINS AVENUE & 34TH STREET

TITLE:
INDEX OF SHEETS

File Name: MIB-025-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 7 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

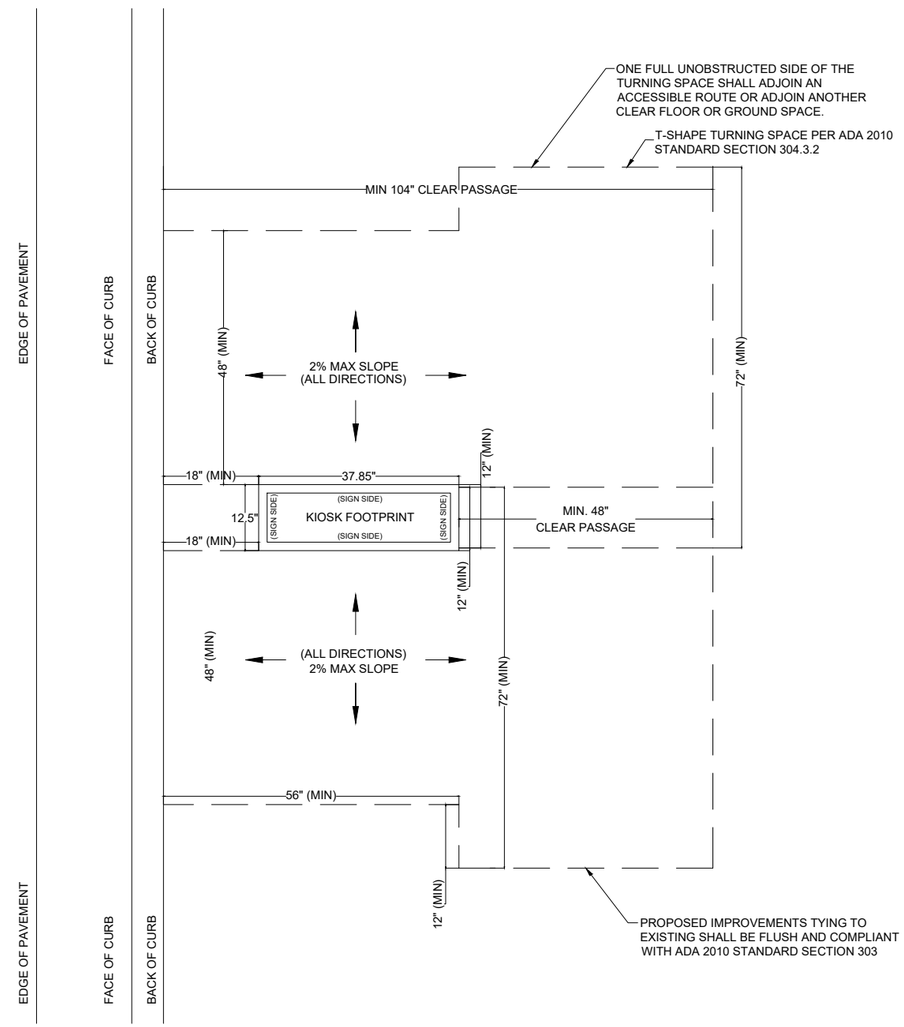
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

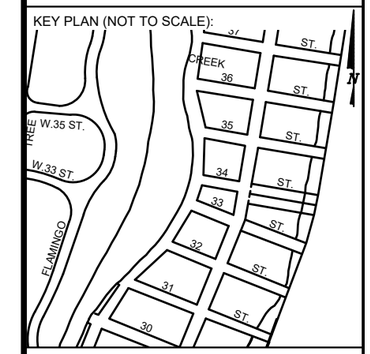
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

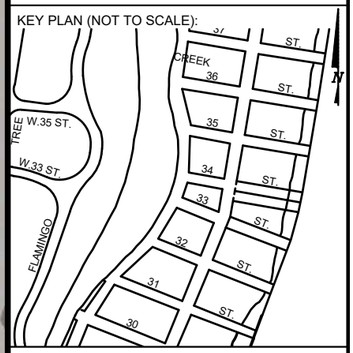
ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-025: COLLINS AVENUE & 34TH STREET
TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-025-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 7 Drawing: G0-04

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3005 , Fax: (305) 676-8064
FL PE Certificate No.: 00006731

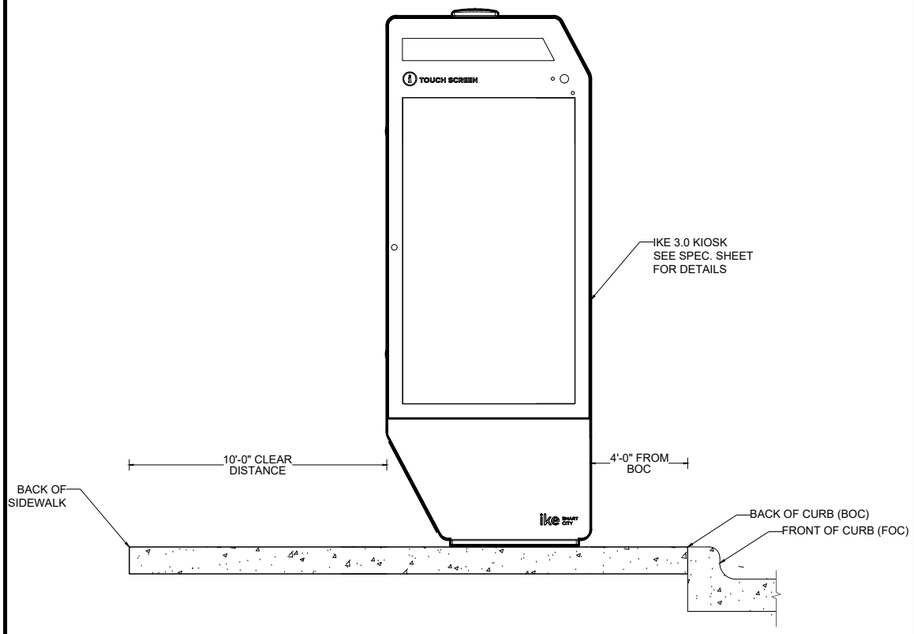
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-025: COLLINS AVENUE & 34TH STREET

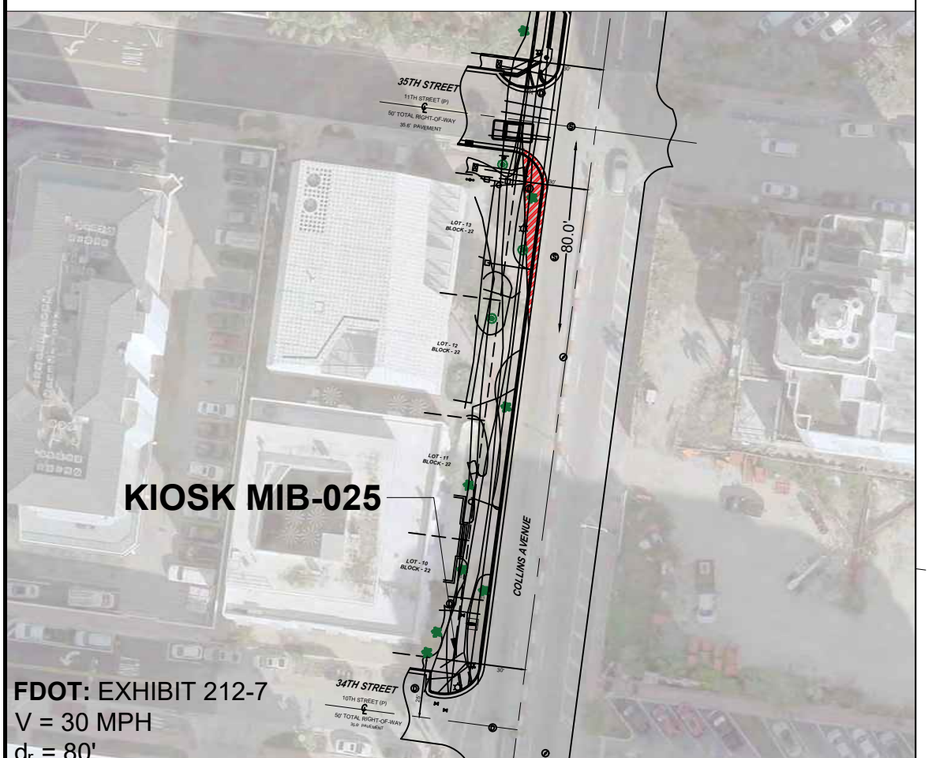
TITLE:
CIVIL SITE PLAN

File Name: MIB-025-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 7 Drawing: C1-01

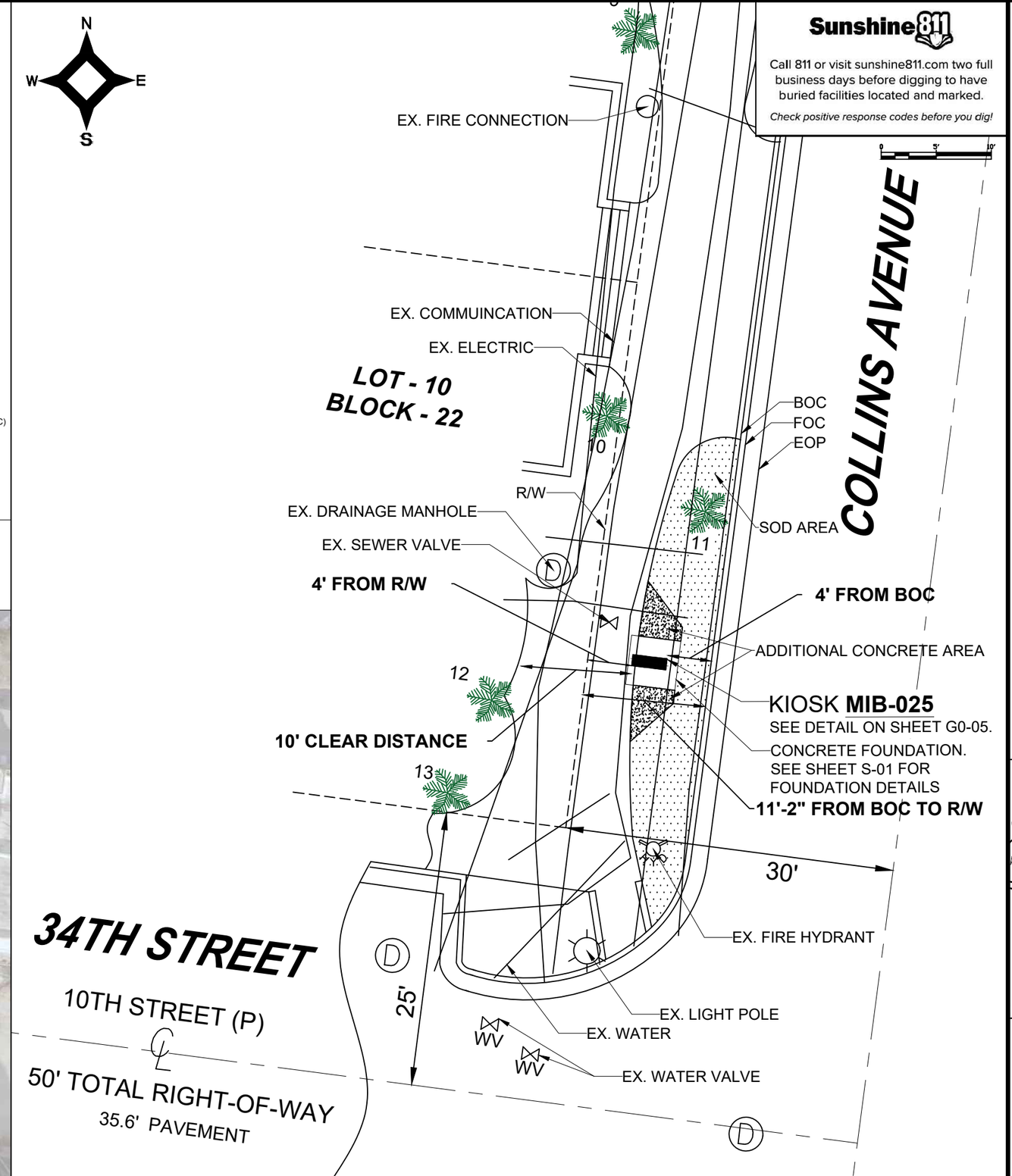


VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-30"

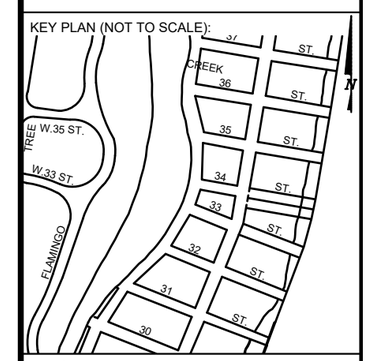


FDOT: EXHIBIT 212-7
V = 30 MPH
d_r = 80'



NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 Fax: (305) 676-5964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-025: COLLINS AVENUE & 34TH STREET

TITLE:
KIOSK MIB-025 ENGINEERING PLAN

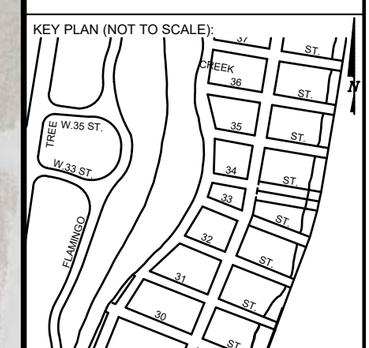
File Name: MIB-025-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 7 Drawing: C1-02

ELECTRICAL SITE PLAN

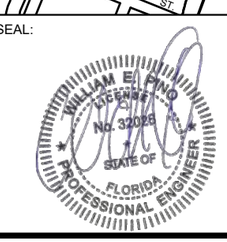
SCALE: 1"-40'

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3555 - Fax: (305) 676-5984
FL PE Certificate No.: 00006731

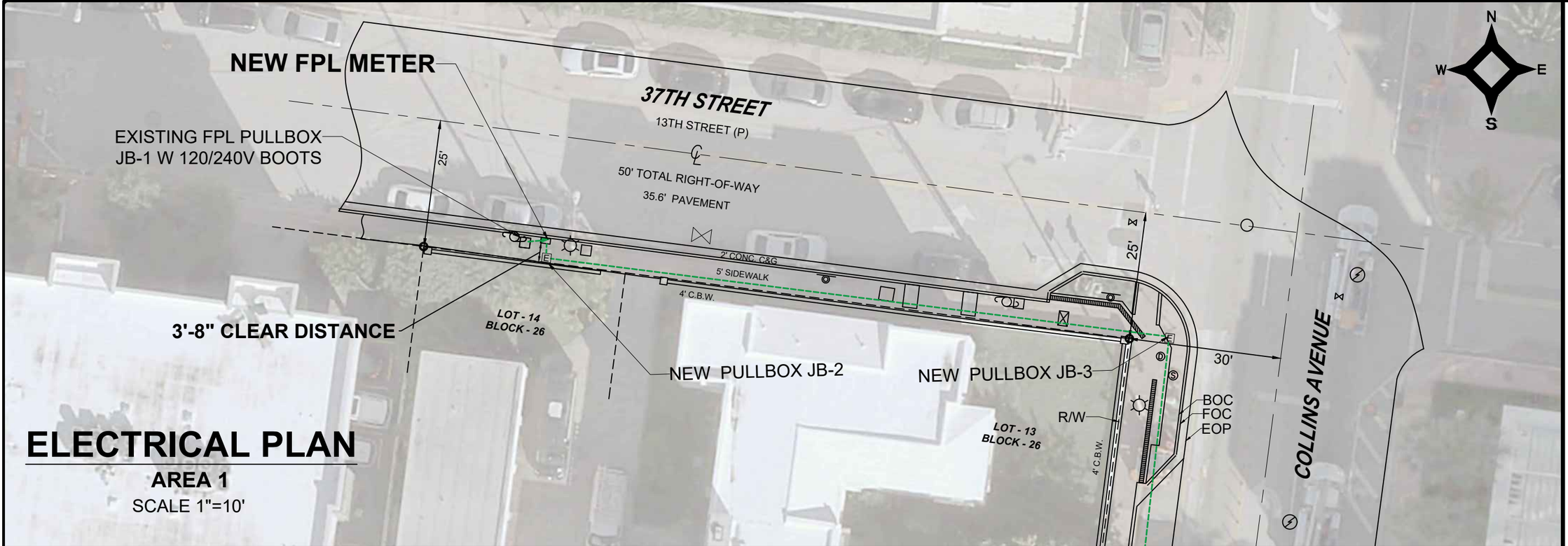
ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=40'

NEIGHBORHOOD:
MIB-025: COLLINS AVENUE & 34TH STREET

TITLE:
ELECTRICAL SITE PLAN

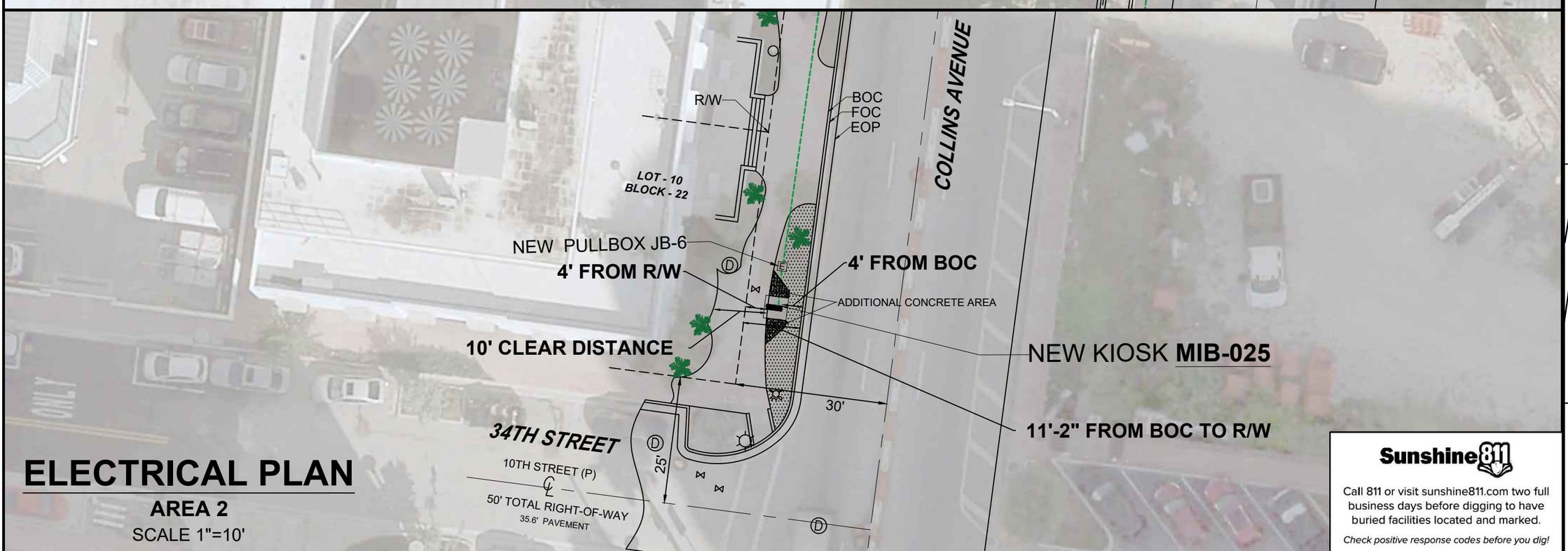
File Name: MIB-025-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 7 Drawing: E0-01



ELECTRICAL PLAN

AREA 1

SCALE 1"=10'



ELECTRICAL PLAN

AREA 2

SCALE 1"=10'

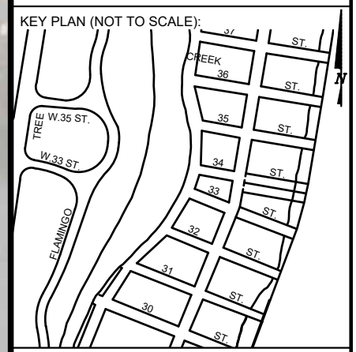
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

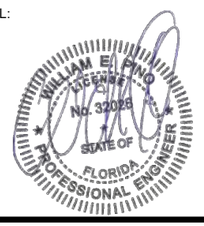
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 - Fax: (305) 676-3864
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD:
MIB-025: COLLINS AVENUE & 34TH STREET

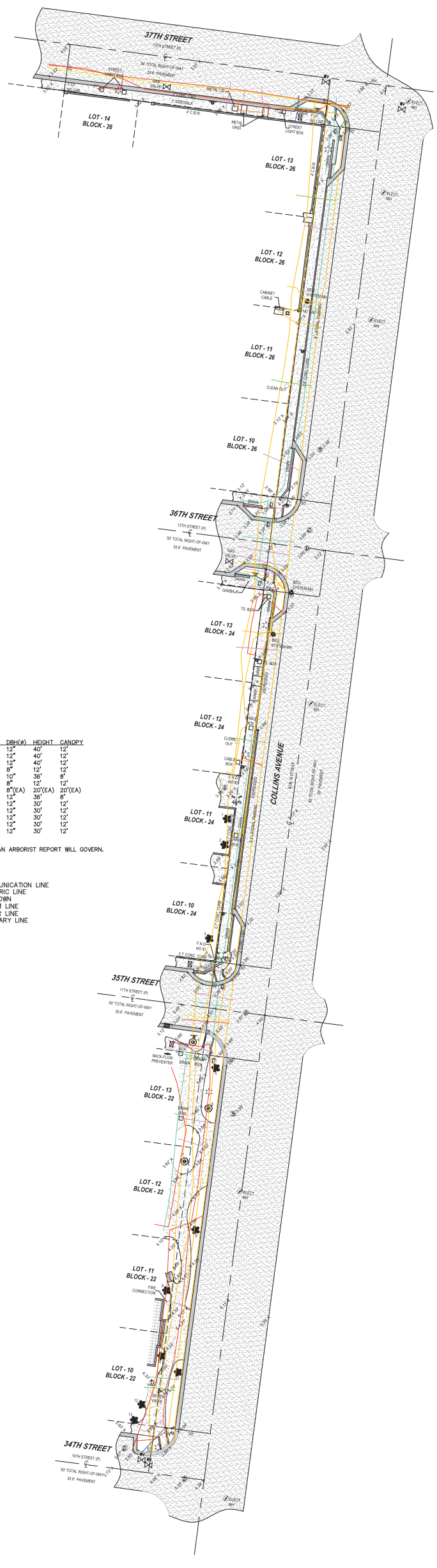
TITLE:
KIOSK MIB-025 ELECTRICAL PLAN

File Name: MIB-025-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 6 of 7 Drawing: E1-01

MAP OF SPECIFIC PURPOSE SURVEY

OF A PORTION OF
"COLLINS AVENUE" AND "37TH STREET"
CITY OF MIAMI BEACH, FL.
PLAT BOOK 5, PAGE 8, MDCR

CERTIFICATE OF AUTHORIZATION # LB-8023
Survey Pros, Inc.
4348 SW 74TH AVENUE, MIAMI, FL. 33155
Tel: 305.767.6802
www.survey-pros.com



TREE TABLE:

NO	COMMON NAME	DBH(ø)	HEIGHT	CANOPY
1	PALM	12"	40'	12'
2	PALM	12"	40'	12'
3	PALM	12"	40'	12'
4	TREE	8"	12'	12'
5	PALM	10"	36'	8'
6	TREE	8"	12'	12'
7	TRUNKS (7)	8"(EA)	20'(EA)	20'(EA)
8	PALM	12"	36'	8'
9	PALM	12"	30'	12'
10	PALM	12"	30'	12'
11	PALM	12"	30'	12'
12	PALM	12"	30'	12'
13	PALM	12"	30'	12'

IN CASE OF A DISPUTE AN ARBORIST REPORT WILL GOVERN.

SYMBOLS:
= COMMUNICATION LINE
= ELECTRIC LINE
= UNKNOWN
= STORM LINE
= WATER LINE
= SANITARY LINE

LEGEND

ABBREVIATIONS:

A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = DRIVEWAY
EB = ELECTRIC BOX
ENC. = ENCROACHMENT
EP = EDGE OF PAVEMENT
EW = EDGE OF WATER
FDH = FOUND DRILL HOLE
FFE = FINISHED FLOOR ELEVATION
FIP = FOUND IRON PIPE (NO ID)
FIR = FOUND IRON ROD (NO ID)
FN = FOUND NAIL (NO ID)
FPL = FLORIDA POWER & LIGHT TRANSFORMER PAD
L.E. = LANDSCAPE EASEMENT
L.M.E. = LAKE MAINTENANCE EASEMENT
(M) = MEASURED
MDCR = MIAMI-DADE COUNTY RECORDS
MH = MAN HOLE
ML = MONUMENT LINE
(P) = PLAT
PB = PLAT BOOK
PC = POINT OF CURVATURE
PCP = PERMANENT CONTROL POINT
PE = POOL EQUIPMENT PAD
PG = PAGE
PI = POINT OF INTERSECTION
PL = PLANTER
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVATURE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENCY
R = RADIUS DISTANCE
(R) = RECORD
R/W = RIGHT-OF-WAY
RES = RESIDENCE
SIP = SIP LB#8023
SND = SET NAIL & DISK LB#8023
STL = SURVEY TIE LINE
SWK = SIDEWALK
(TYP) = TYPICAL
UB = UTILITY BOX
U.E. = UTILITY EASEMENT
W/F = WOOD FENCE

SYMBOLS:
= TELEPHONE RISER
= CABLE TV RISER
= WATER METER
X 0.00 = ELEVATION
(00') = ORIGINAL LOT DISTANCE
Δ = CENTRAL ANGLE
℄ = CENTER LINE
= WATER VALVE
= CURB INLET
= FIRE HYDRANT
= LIGHT POLE
= CATCH BASIN
= UTILITY POLE
= DRAINAGE MANHOLE
= SEWER MANHOLE
= SIGN
= METAL FENCE
= WOOD FENCE
= CHAIN LINK FENCE
= EASEMENT
= BOUNDARY LINE
= OVERHEAD UTILITY LINE
= ORIGINAL LOT LINE

ASPHALT | CONCRETE | PAVERS/ BRICK | TILES | COVERED AREA

GRAPHIC SCALE

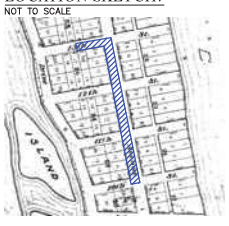
30 0 15 30
1"=30'

BENCHMARK INFORMATION:

NAME: N-313 USCG
ELEVATION: 3.75'(NGVD29)
LOCATION1: NORMANDY DRIVE --- 1.7' SOUTH OF SOUTH CURB
LOCATION2: TROUVILLE ESPLANADE --- 109' EAST OF LOOKING SOUTH
LOCATION3: 39.4' NW OF NW CORNER OF BLDG WHICH SURROUNDS THE SWIMMING POOL
DESCRIPTION: US C & G BRASS DISC IN TOP AND AT THE SE CORNER OF A CATCH BASIN.

LOCATION SKETCH:

NOT TO SCALE



FLOOD ZONE INFORMATION:

THE GRAPHICALLY DEPICTED BUILDING(S) SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE AE
BASE FLOOD ELEVATION 7
COMMUNITY NAME & NUMBER CITY OF MIAMI BEACH 120651
MAP & PANEL NUMBER 12086C0336 SUFFIX L

SURVEYOR'S NOTES:

1. ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE NOT BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC. ONLY PLATTED EASEMENTS ARE SHOWN.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE WITHOUT WRITTEN CONSENT OF THIS FIRM.
5. ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
6. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
7. FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
8. ADDITIONS OR DELETIONS TO THIS SURVEY MAP AND/OR REPORT BY SOMEONE OTHER THAN THE SIGNING PARTY(IES) IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY(IES).
9. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF COLLINS AVENUE BEARS N 07°26'43".

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUE.

CERTIFIED TO:

MAIN STREET ENGINEERING

NICOLAS DEL VENTO
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6945

SEAL

DATE OF ORIGINAL FIELD WORK: 09/29/2023

JOB NUMBER: 230910046

DRAWN BY: ADRIEL

CAD FILE: MAIN STREET ENGINEERING

SHEET 1 OF 1

REVISION(S):

2. Collins Ave & 34th Street

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

COLLINS AVENUE (SR-A1A) & 23RD STREET
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-022

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

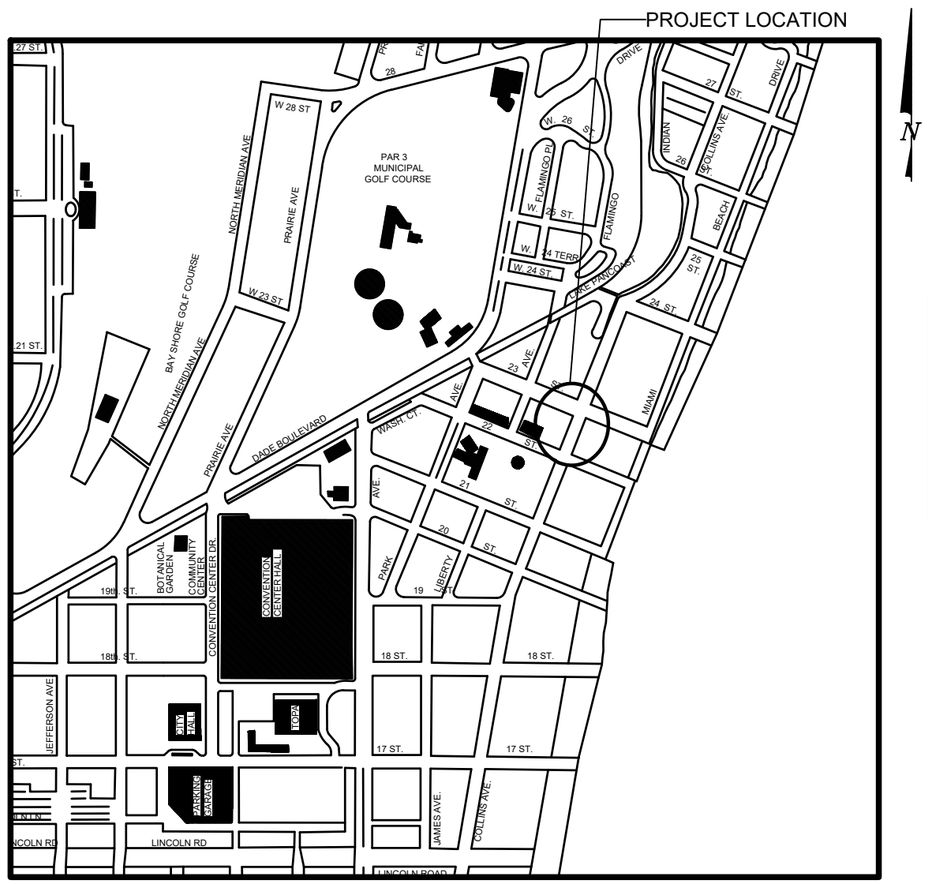
CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com



LOCATION MAP

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-022 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-022 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-022 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

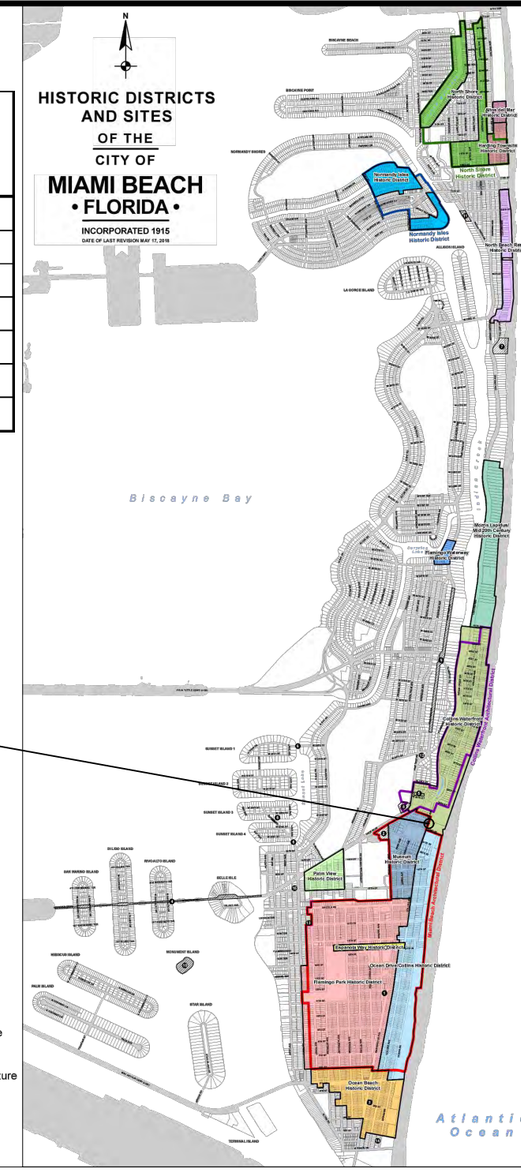
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet _0_ of _6_ Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-022 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-022 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-022 SITE SURVEY	

PROJECT LOCATION
COLLINS WATERFRONT HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

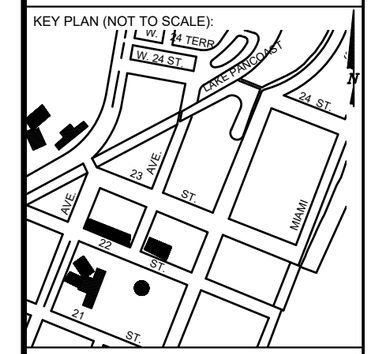
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
G = GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
GT = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
P = PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8464
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-022: COLLINS AVENUE & 23RD STREET

TITLE:
INDEX OF SHEETS

File Name: MIB-022-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

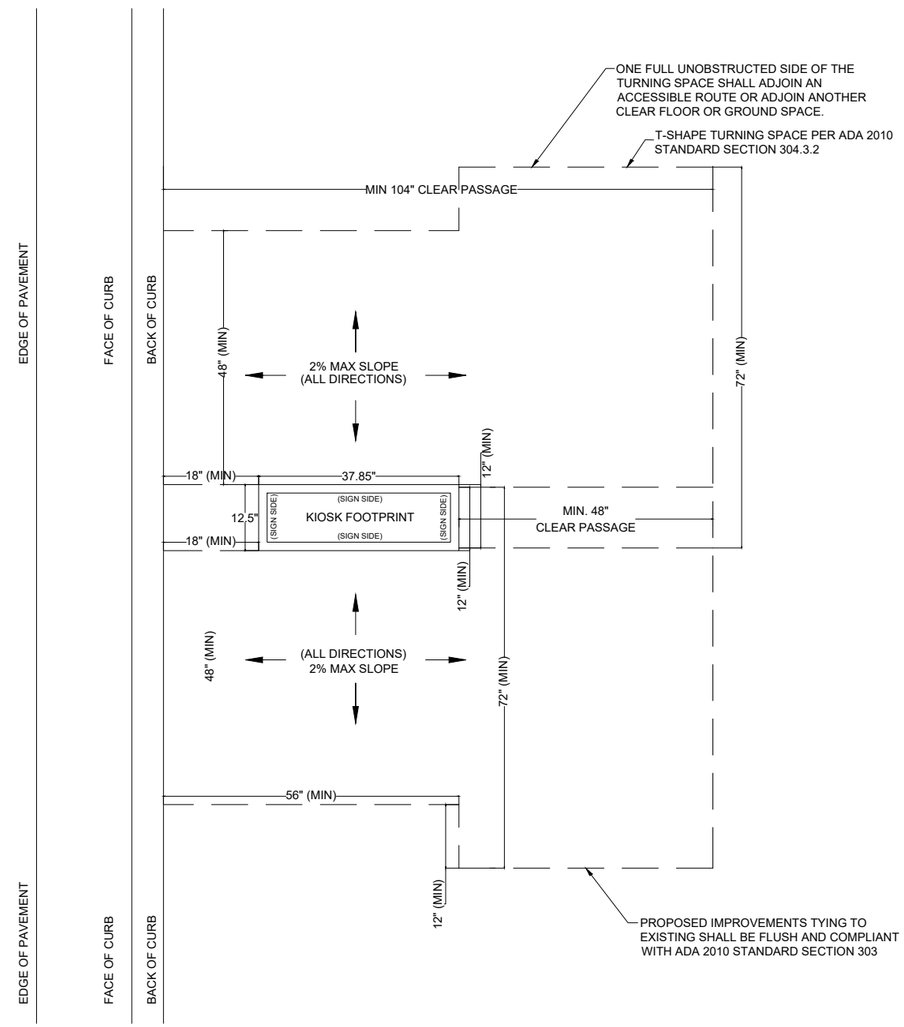
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

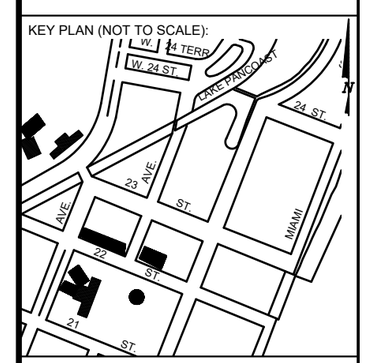
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



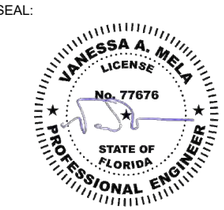
ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00008731

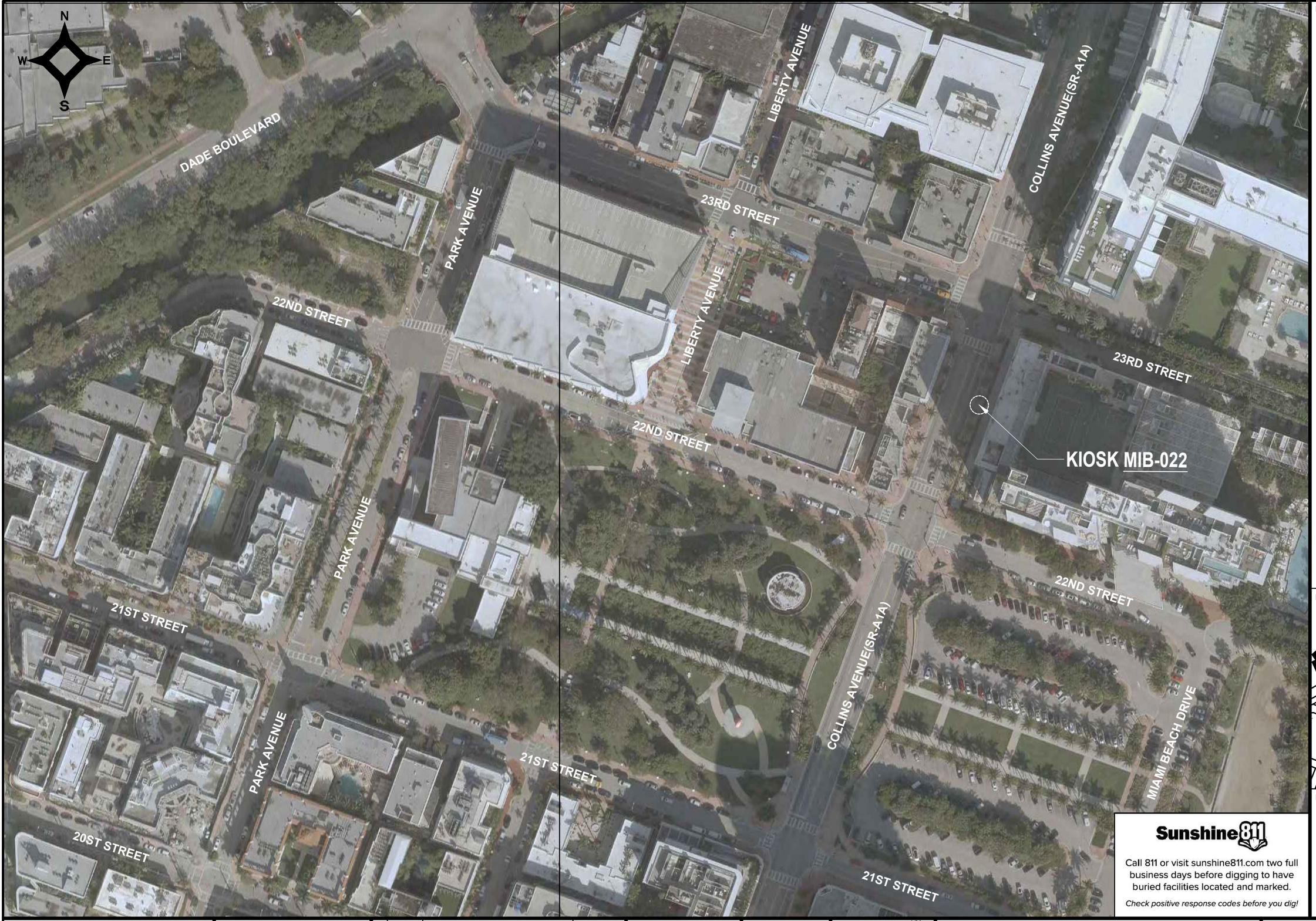
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-022: COLLINS AVENUE & 23RD STREET

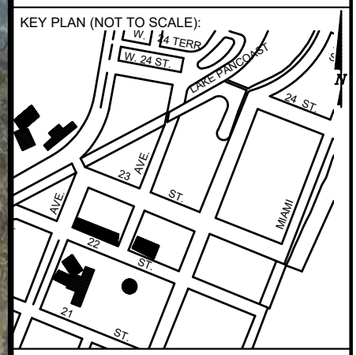
TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-022-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04



NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

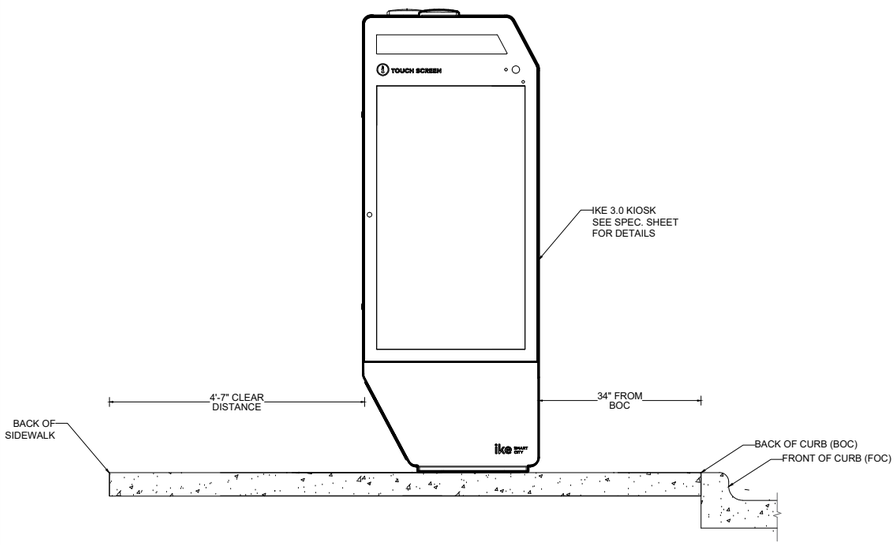
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-022: COLLINS AVENUE & 23RD STREET

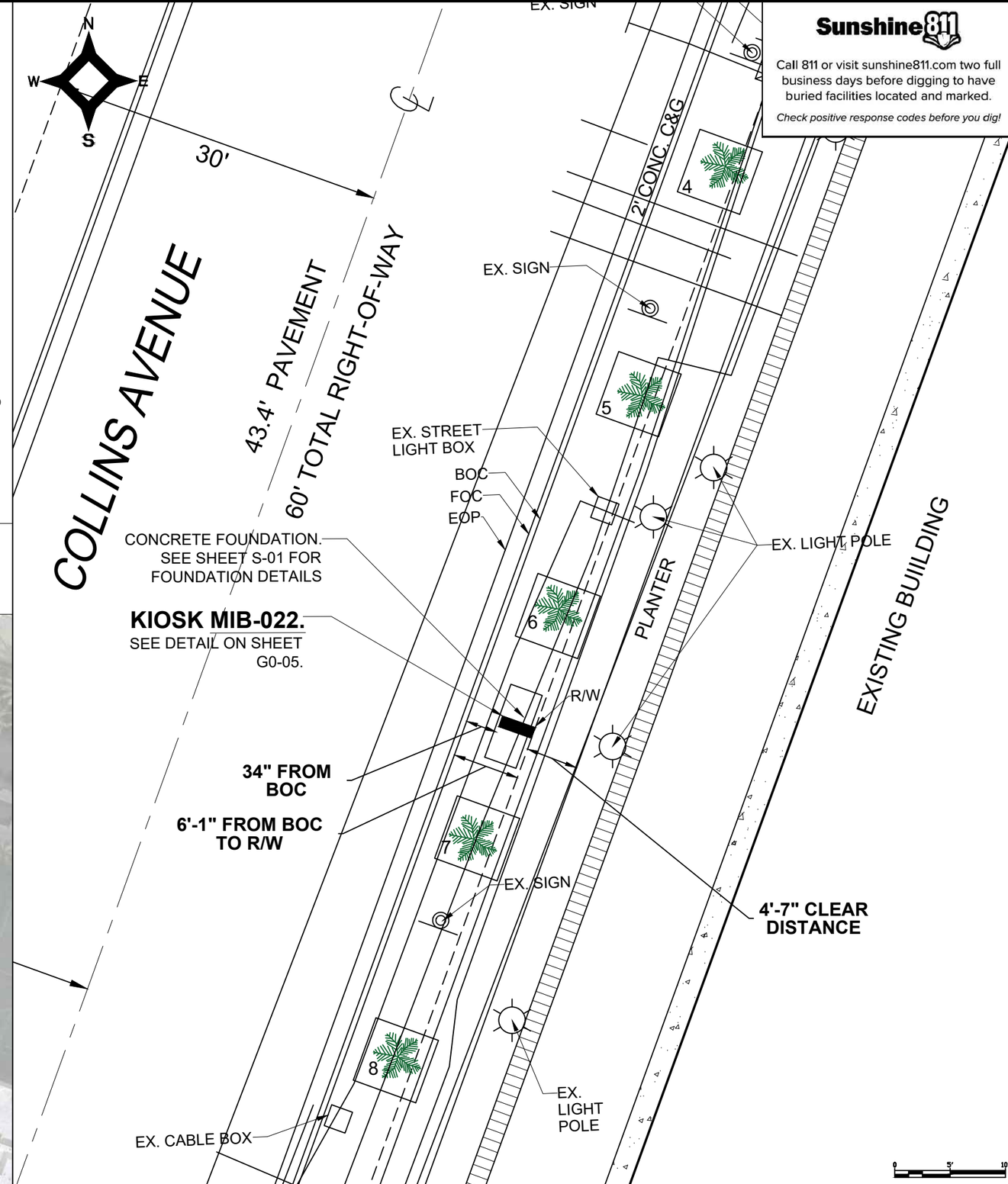
TITLE:
CIVIL SITE PLAN

File Name: MIB-022-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-30"



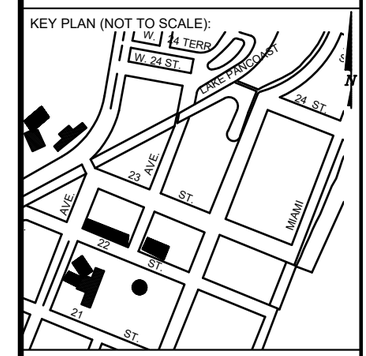
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
17035 SW 47th Street, Ste A , Miami, FL 33185
Tel.: (305) 456-3505 , Fax: (305) 676-8984
FL PE Certificate No.: 00006731

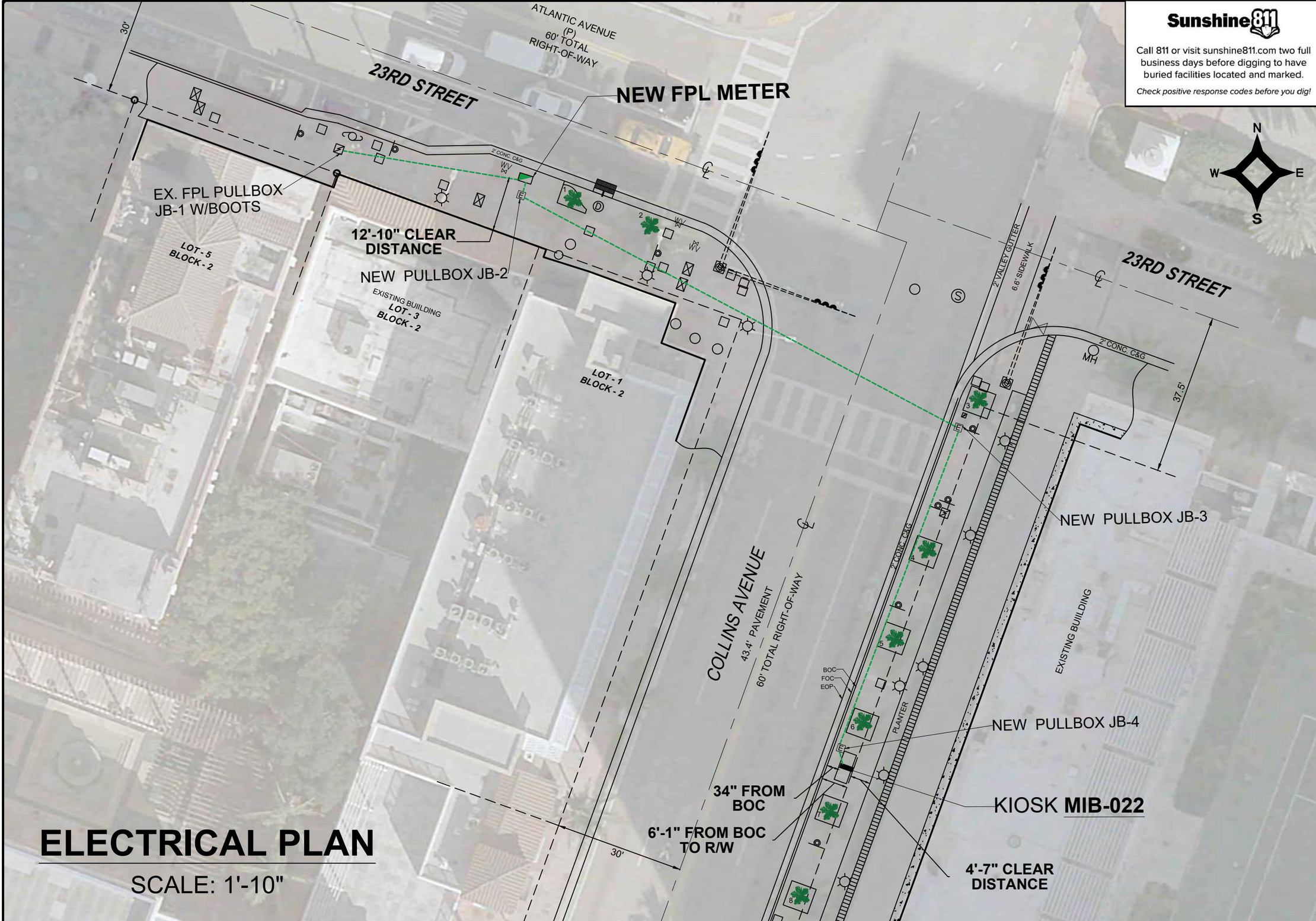
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-022: COLLINS AVENUE & 23RD STREET

TITLE:
KIOSK MIB-022 ENGINEERING PLAN

File Name: MIB-022-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02



ELECTRICAL PLAN

SCALE: 1'-10"

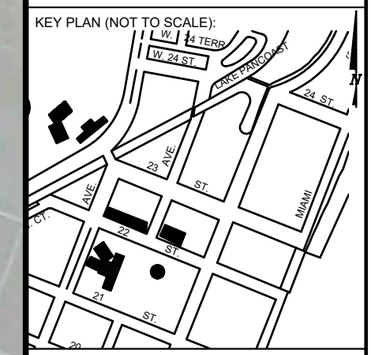
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

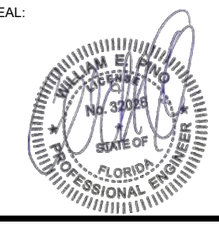
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 406-3005 , Fax: (305) 676-3964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO,
P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD:
MIB-022: COLLINS AVENUE & 23RD STREET

TITLE:
KIOSK MIB-022 ELECTRICAL PLAN

File Name: MIB-022-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

MAP OF SPECIFIC PURPOSE TOPOGRAPHIC & TREE SURVEY

OF A PORTION OF
"COLLINS AVENUE"
CITY OF MIAMI BEACH, FL.
PLAT OF "THE OCEAN FRONT PROPERTY OF THE MIAMI BEACH IMPROVEMENT COMPANY"
PLAT BOOK 5, PAGE 7, MDCR

CERTIFICATE OF AUTHORIZATION # LB-8023
Survey Pros, Inc.
4348 SW 74TH AVENUE, MIAMI, FL. 33155
Tel: 305.767.6802
www.survey-pros.com

LEGEND

ABBREVIATIONS:

A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = DRIVEWAY
EB = ELECTRIC BOX
ENC. = ENCROACHMENT
EP = EDGE OF PAVEMENT
EW = EDGE OF WATER
FDH = FOUND DRILL HOLE
FFE = FINISHED FLOOR ELEVATION
FIP = FOUND IRON PIPE (NO ID)
FIR = FOUND IRON ROD (NO ID)
FN = FOUND NAIL (NO ID)
FPL = FLORIDA POWER & LIGHT TRANSFORMER PAD
L.E. = LANDSCAPE EASEMENT
L.M.E. = LAKE MAINTENANCE EASEMENT
(M) = MEASURED
MDCR = MIAMI-DADE COUNTY RECORDS
MH = MAN HOLE
ML = MONUMENT LINE
(P) = PLAT
PB = PLAT BOOK
PC = POINT OF CURVATURE
PCP = PERMANENT CONTROL POINT
PE = POOL EQUIPMENT PAD
PG = PAGE
PI = POINT OF INTERSECTION
PL = PLANTER
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVATURE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENCY
R = RADIUS DISTANCE
(R) = RECORD
R/W = RIGHT-OF-WAY
RES = RESIDENCE
SIP = SIP LB#8023
SND = SET NAIL & DISK LB#8023
STL = SURVEY TIE LINE
SWK = SIDEWALK
(TYP) = TYPICAL
UB = UTILITY BOX
U.E. = UTILITY EASEMENT
W/F = WOOD FENCE

SYMBOLS:

= TELEPHONE RISER
= CABLE TV RISER
= WATER METER
X 0.00 = ELEVATION
(00') = ORIGINAL LOT DISTANCE
Δ = CENTRAL ANGLE
= CENTER LINE
WV = WATER VALVE
= CURB INLET
= FIRE HYDRANT
= LIGHT POLE
= CATCH BASIN
= UTILITY POLE
= DRAINAGE MANHOLE
= SEWER MANHOLE
= SIGN

= METAL FENCE
= WOOD FENCE
= CHAIN LINK FENCE
= EASEMENT
= BOUNDARY LINE
= OVERHEAD UTILITY LINE
= ORIGINAL LOT LINE

ASPHALT CONCRETE PAVERS/ BRICK TILES COVERED AREA

GRAPHIC SCALE

30 0 15 30

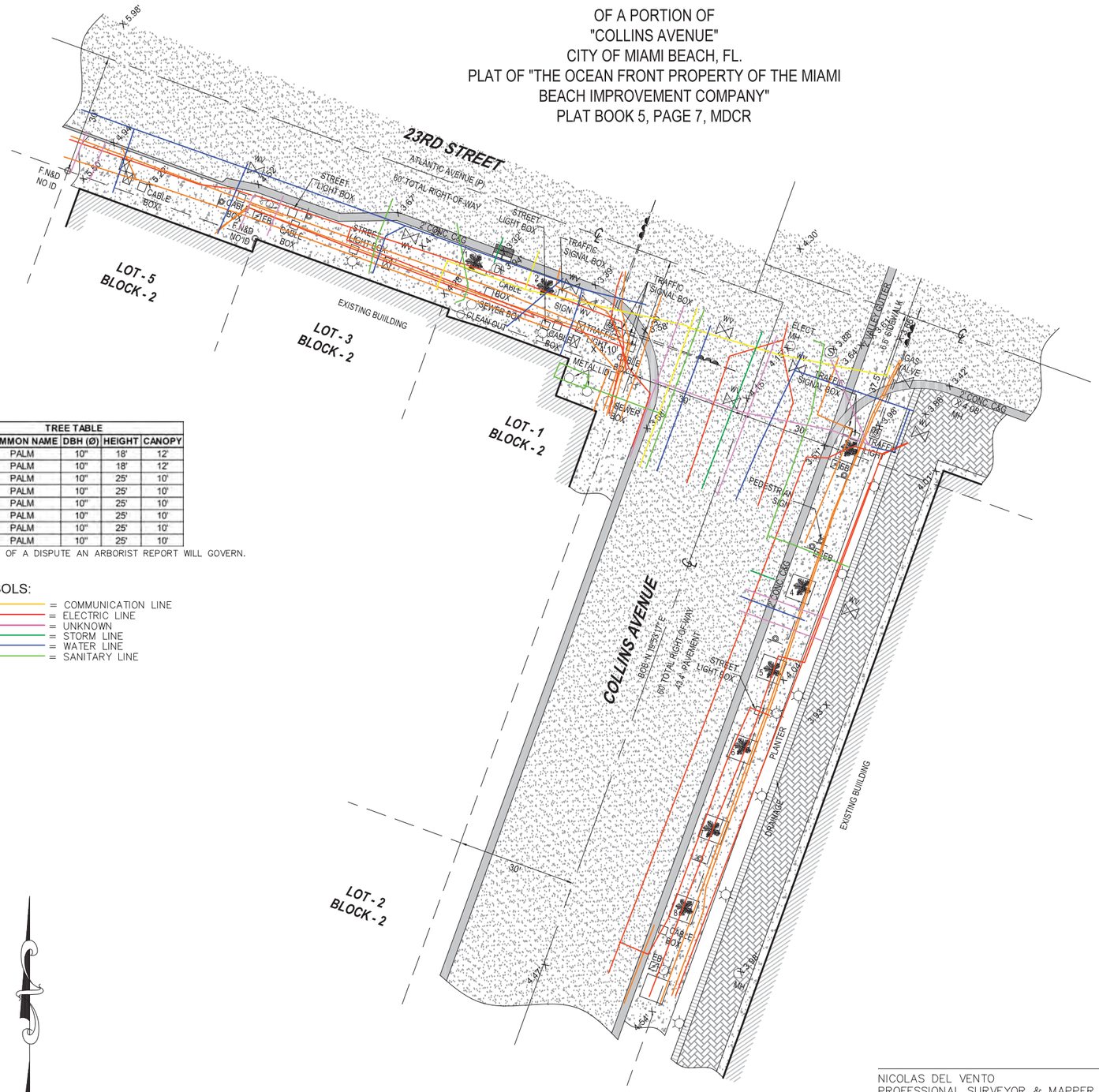
1"=30'

TREE TABLE				
No.	COMMON NAME	DBH (Ø)	HEIGHT	CANOPY
1	PALM	10"	18'	12'
2	PALM	10"	18'	12'
3	PALM	10"	25'	10'
4	PALM	10"	25'	10'
5	PALM	10"	25'	10'
6	PALM	10"	25'	10'
7	PALM	10"	25'	10'
8	PALM	10"	25'	10'

IN CASE OF A DISPUTE AN ARBORIST REPORT WILL GOVERN.

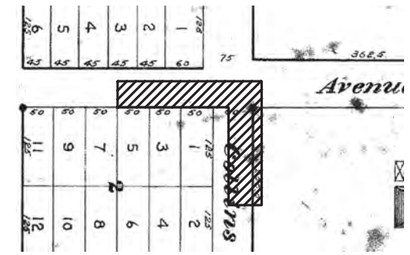
SYMBOLS:

= COMMUNICATION LINE
= ELECTRIC LINE
= UNKNOWN
= STORM LINE
= WATER LINE
= SANITARY LINE



LOCATION SKETCH:

NOT TO SCALE



FLOOD ZONE INFORMATION:

THE GRAPHICALLY DEPICTED BUILDING(S) SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE AE
BASE FLOOD ELEVATION 8
COMMUNITY NAME & NUMBER CITY OF MIAMI BEACH 120651
MAP & PANEL NUMBER 12086C0317 SUFFIX L

SURVEYOR'S NOTES:

1. ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE NOT BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC. ONLY PLATTED EASEMENTS ARE SHOWN.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE WITHOUT WRITTEN CONSENT OF THIS FIRM.
5. ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
6. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
7. FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
8. ADDITIONS OR DELETIONS TO THIS SURVEY MAP AND/OR REPORT BY SOMEONE OTHER THAN THE SIGNING PARTY(IES) IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY(IES).
9. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF COLLINS AVENUE BEARS N 19°53'17" E.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUE.

CERTIFIED TO:

MAIN STREET ENGINEERING

NICOLAS DEL VENTO
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6945

SEAL

DATE OF ORIGINAL FIELD WORK: 09/06/2023

JOB NUMBER: 23089915

DRAWN BY: ADRIEL

CAD FILE: MAIN STREET ENGINEER

SHEET 1 OF 1

REVISION(S):

3. Collins Ave & 23rd Street

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

COLLINS AVENUE (SR-A1A) & 20TH STREET
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-021

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

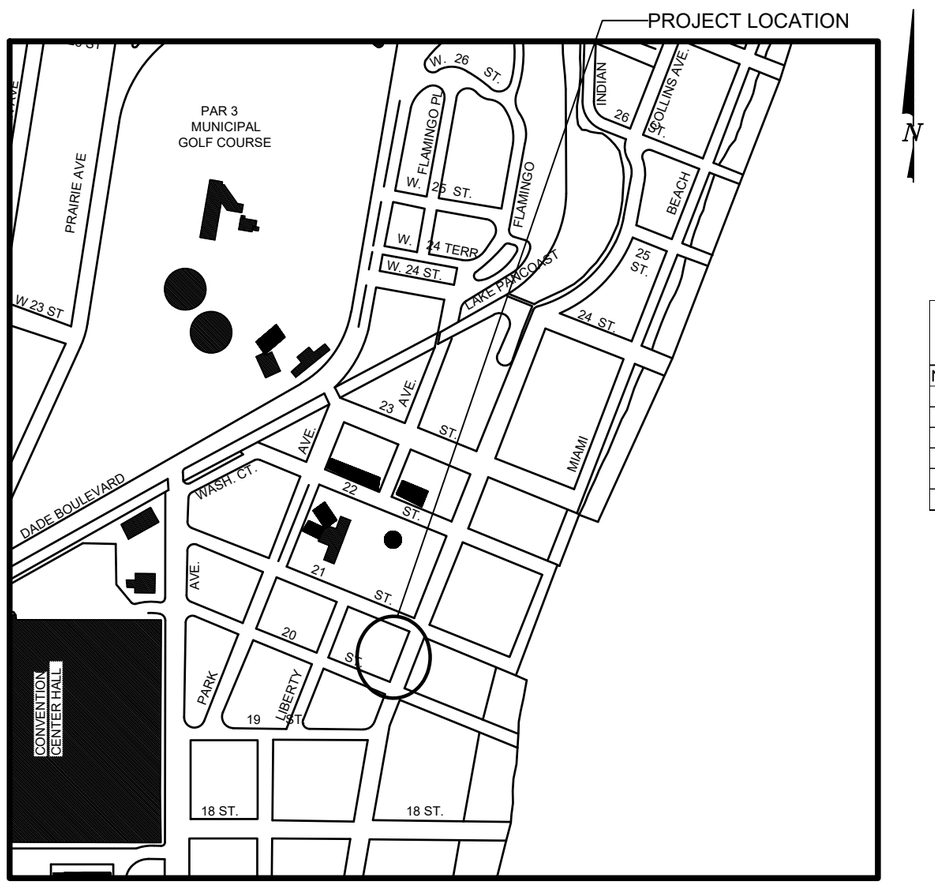
CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731



LOCATION MAP

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-021 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-021 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-021 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

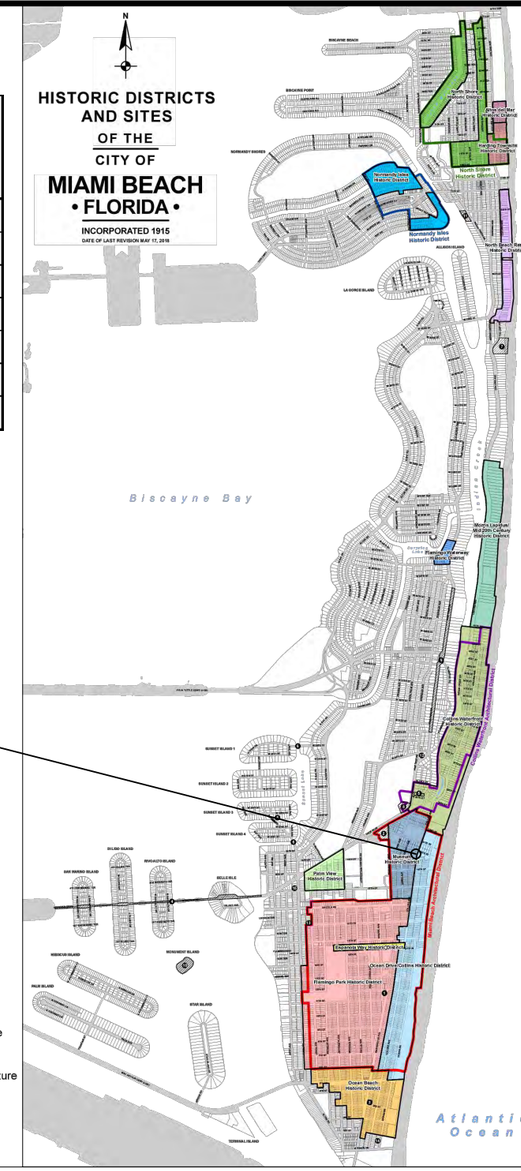
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 6 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-021 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-021 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-021 SITE SURVEY	

PROJECT LOCATION
MUSEUM HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

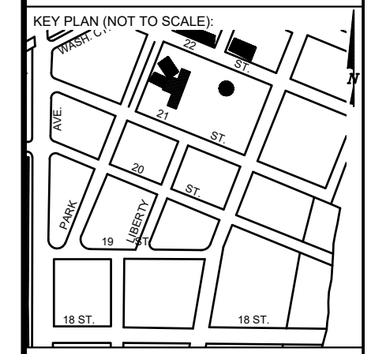
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
G = GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
GT = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-021: COLLINS AVENUE & 20TH STREET

TITLE:
INDEX OF SHEETS

File Name: MIB-021-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

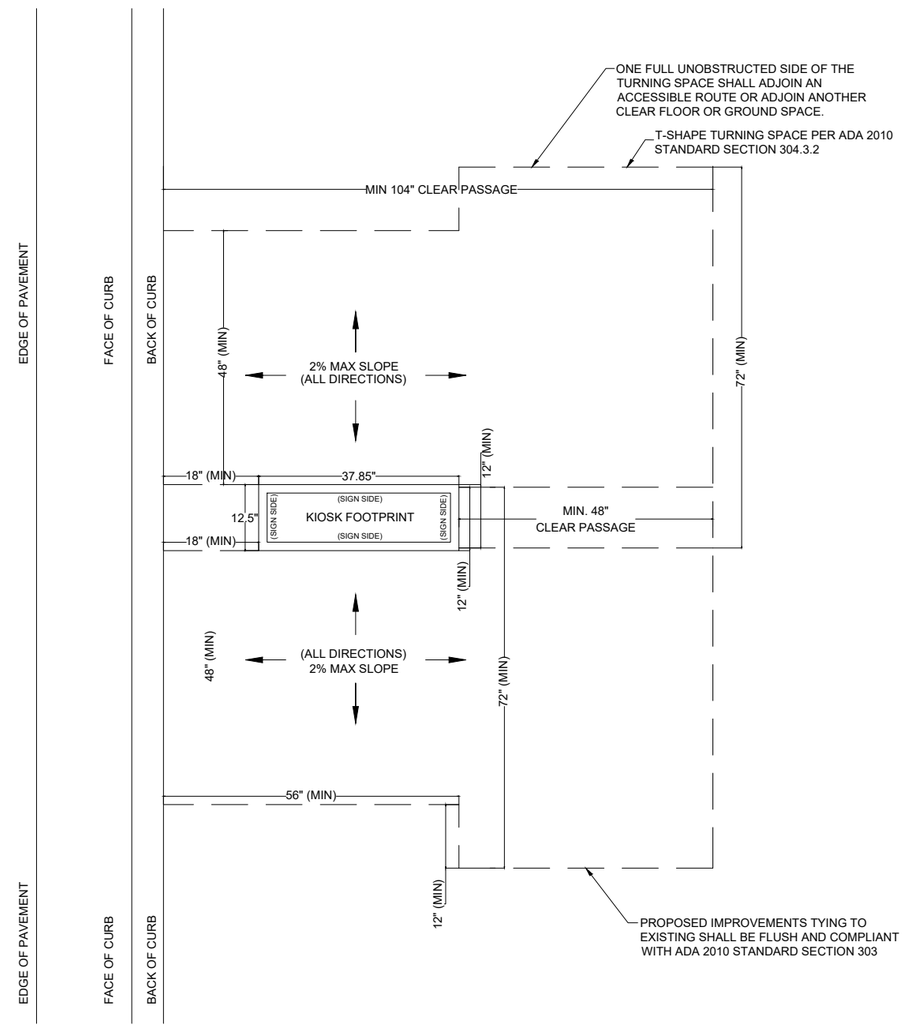
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

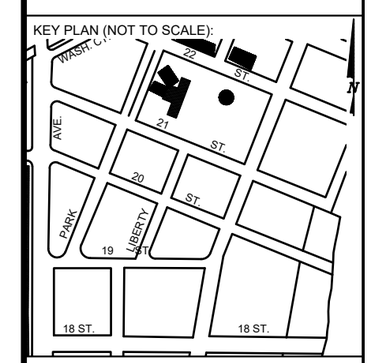
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00008731

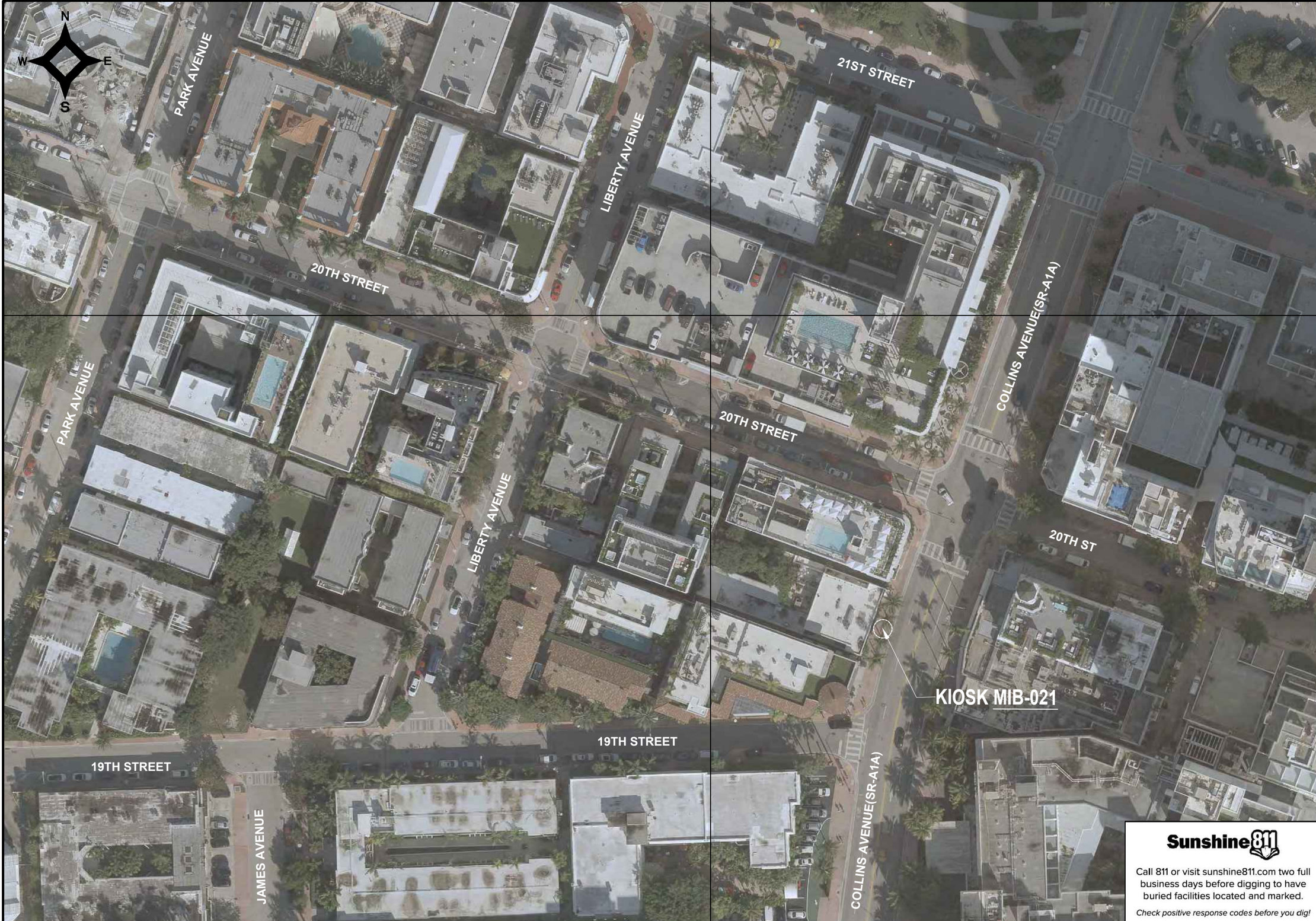
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-021: COLLINS AVENUE & 20TH STREET

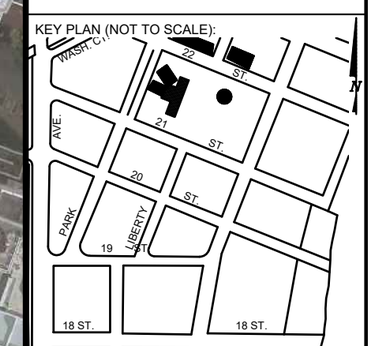
TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-021-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04



NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7033 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 406-3005 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

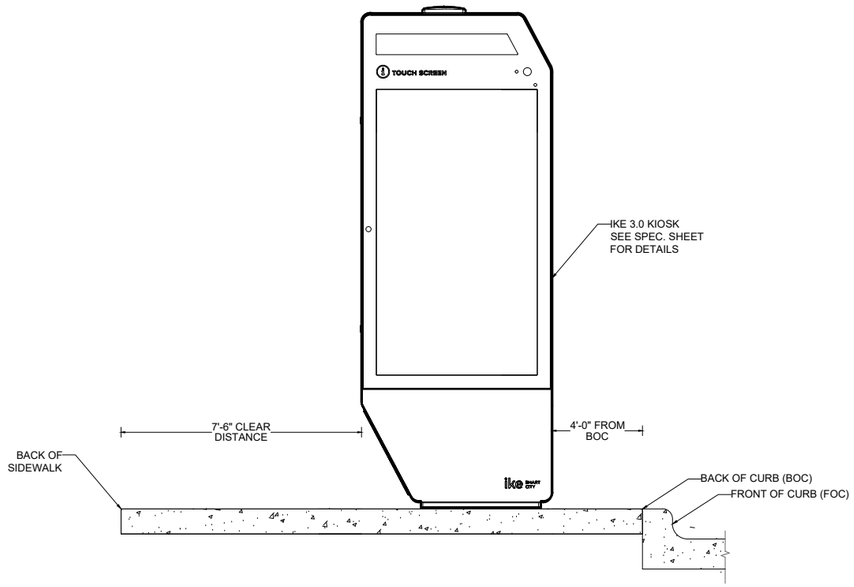
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-021: COLLINS AVENUE & 20TH STREET

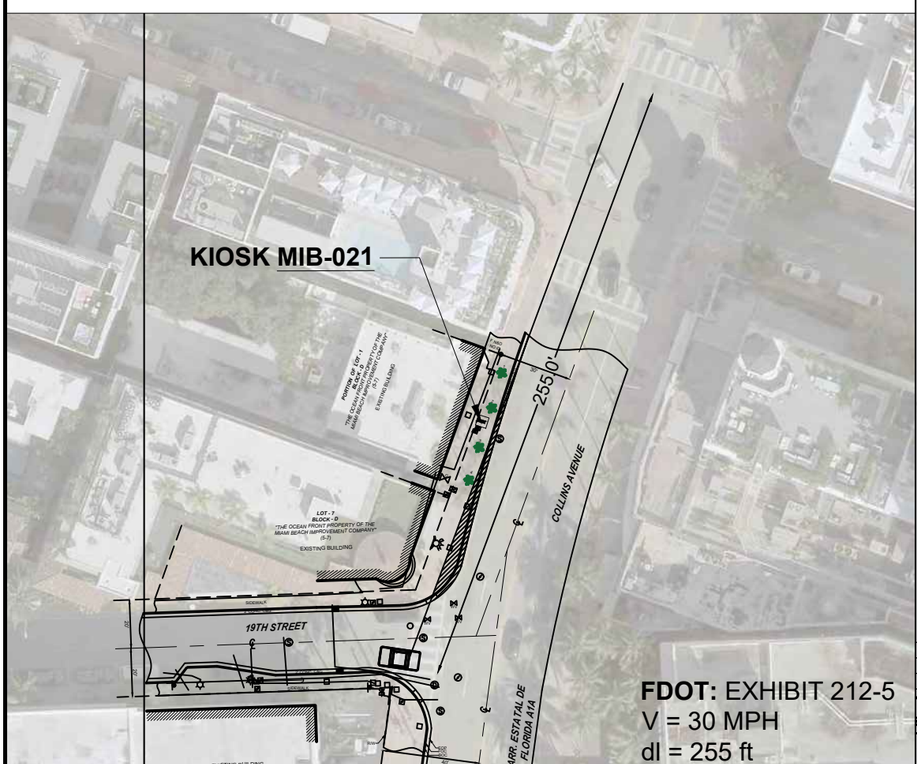
TITLE:
CIVIL SITE PLAN

File Name: MIB-021-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01

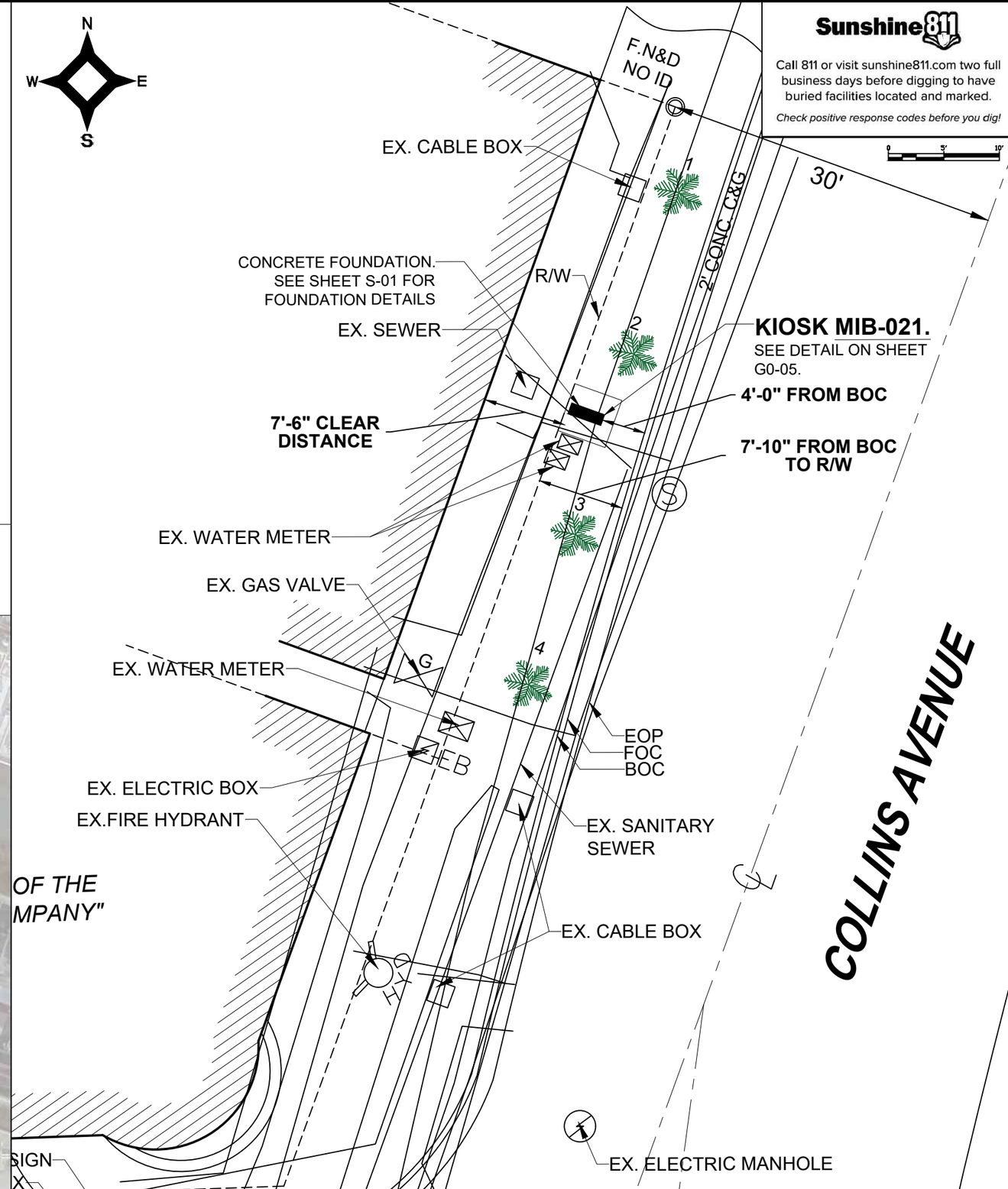


VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-30"



FDOT: EXHIBIT 212-5
V = 30 MPH
dI = 255 ft



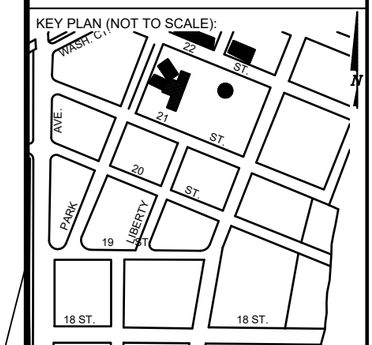
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-5964
FL PE Certificate No.: 00006731

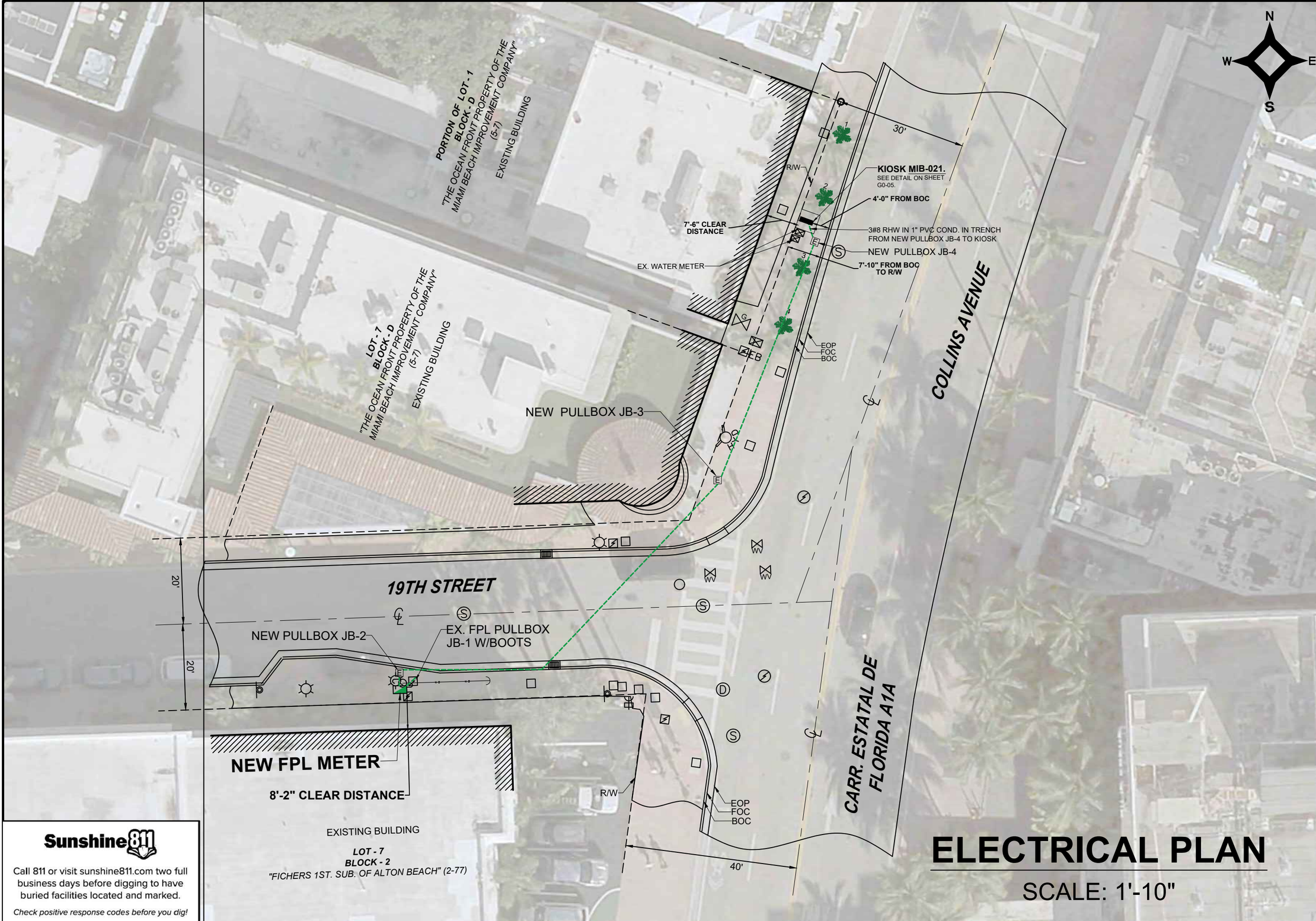
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-021: COLLINS AVENUE & 20TH STREET

TITLE:
KIOSK MIB-021 ENGINEERING PLAN

File Name: MIB-021-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02

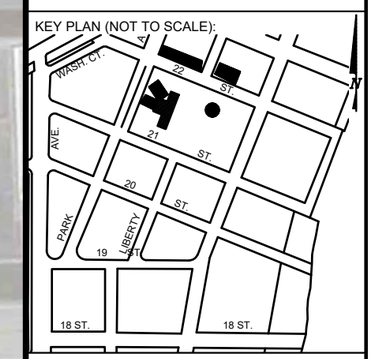


ELECTRICAL PLAN

SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

WILLIAM E. PINO
LICENSE
No. 32026
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sunshine 811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3526 , Fax: (305) 676-8984
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO,
P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD:
MIB-021: COLLINS AVENUE & 20TH STREET

TITLE:
KIOSK MIB-021 ELECTRICAL PLAN

File Name: MIB-021-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

MAP OF SPECIFIC PURPOSE TOPOGRAPHIC & TREE SURVEY

OF A PORTION OF
"COLLINS AVENUE" AND "19TH STREET"
CITY OF MIAMI BEACH, FL.
PLAT OF "*THE OCEAN FRONT PROPERTY OF THE MIAMI BEACH IMPROVEMENT COMPANY*"
PLAT BOOK 5, PAGE 7, MDCR ; AND
PLAT OF "*FICHERS 1ST. SUB. OF ALTON BEACH*"
PLAT BOOK 2, PAGE 77, MDCR

CERTIFICATE OF AUTHORIZATION # LB-8023
Survey Pros, Inc.
4348 SW 74TH AVENUE, MIAMI, FL. 33155
Tel: 305.767.6802
www.survey-pros.com

LEGEND

ABBREVIATIONS:

A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = DRIVEWAY
EB = ELECTRIC BOX
ENC. = ENCROACHMENT
EP = EDGE OF PAVEMENT
EW = EDGE OF WATER
FDH = FOUND DRILL HOLE
FFE = FINISHED FLOOR ELEVATION
FIP = FOUND IRON PIPE (NO ID)
FIR = FOUND IRON ROD (NO ID)
FN = FOUND NAIL (NO ID)
FPL = FLORIDA POWER & LIGHT TRANSFORMER PAD
L.E. = LANDSCAPE EASEMENT
L.M.E. = LAKE MAINTENANCE EASEMENT
(M) = MEASURED
MDCR = MIAMI-DADE COUNTY RECORDS
MH = MAN HOLE
ML = MONUMENT LINE
(P) = PLAT
PB = PLAT BOOK
PC = POINT OF CURVATURE
PCP = PERMANENT CONTROL POINT
PE = POOL EQUIPMENT PAD
PG = PAGE
PI = POINT OF INTERSECTION
PL = PLANTER
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVATURE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENCY
R = RADIUS DISTANCE
(R) = RECORD
R/W = RIGHT-OF-WAY
RES = RESIDENCE
SIP = SIP LB#8023
SND = SET NAIL & DISK LB#8023
STL = SURVEY TIE LINE
SWK = SIDEWALK
(TYP) = TYPICAL
UB = UTILITY BOX
U.E. = UTILITY EASEMENT
W/F = WOOD FENCE

SYMBOLS:

= TELEPHONE RISER
= CABLE TV RISER
= WATER METER
X 0.00 = ELEVATION
(00') = ORIGINAL LOT DISTANCE
Δ = CENTRAL ANGLE
℄ = CENTER LINE
WV = WATER VALVE
= CURB INLET
= FIRE HYDRANT
= LIGHT POLE
= CATCH BASIN
= UTILITY POLE
= DRAINAGE MANHOLE
= SEWER MANHOLE
= SIGN
= GAS VALVE
= METAL FENCE
= WOOD FENCE
= CHAIN LINK FENCE
= EASEMENT
= BOUNDARY LINE
= OVERHEAD UTILITY LINE
= ORIGINAL LOT LINE

ASPHALT | CONCRETE | PAVERS/ BRICK | TILES | COVERED AREA

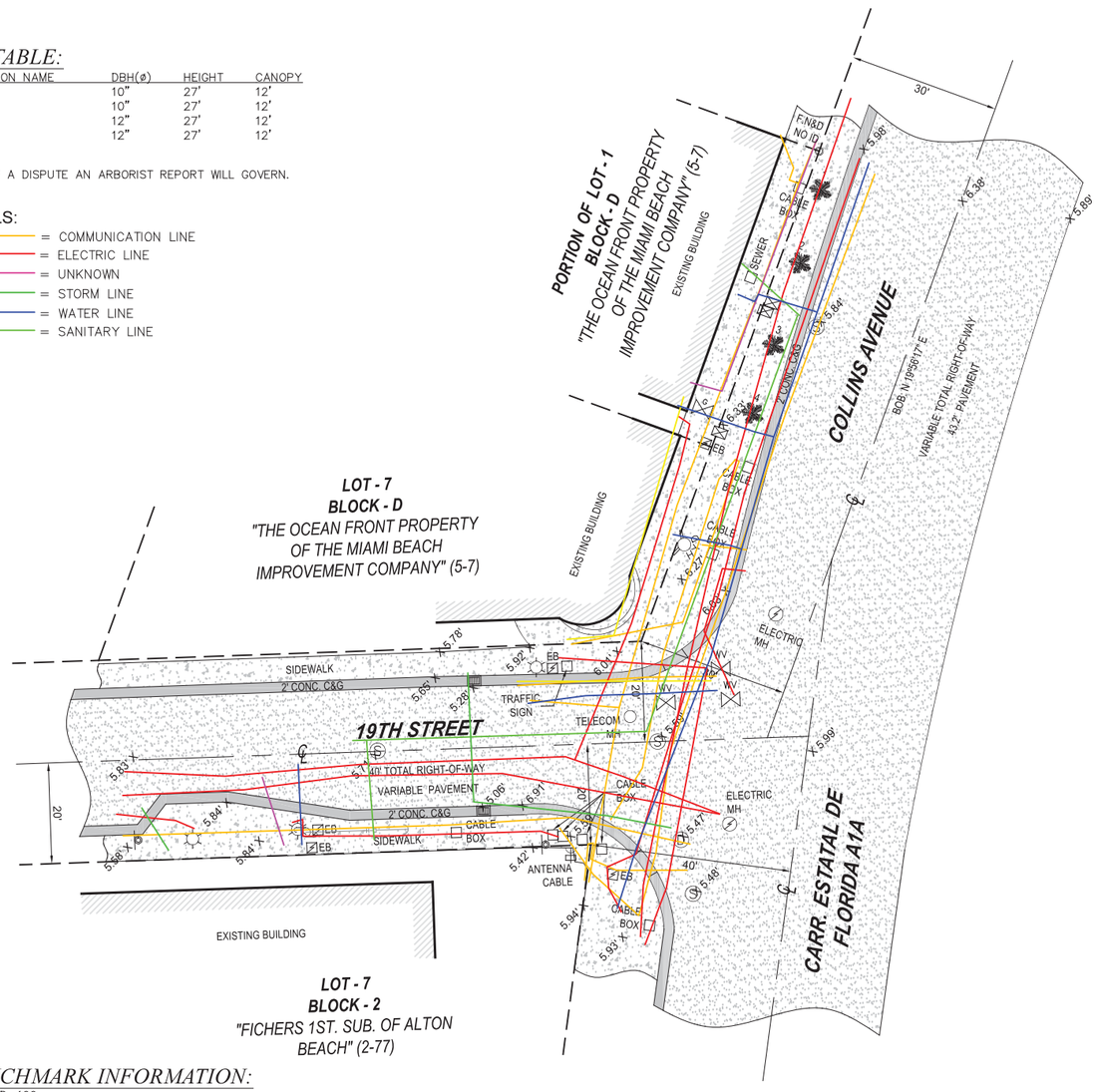
TREE TABLE:

NO	COMMON NAME	DBH(ø)	HEIGHT	CANOPY
1	PALM	10"	27'	12'
2	PALM	10"	27'	12'
3	PALM	12"	27'	12'
4	PALM	12"	27'	12'

IN CASE OF A DISPUTE AN ARBORIST REPORT WILL GOVERN.

SYMBOLS:

= COMMUNICATION LINE
= ELECTRIC LINE
= UNKNOWN
= STORM LINE
= WATER LINE
= SANITARY LINE



BENCHMARK INFORMATION:

NAME: D-166
ELEVATION: 7.27'(NGVD29)
LOCATION 1: VENETIAN CSWY --- 20' NORTH OF C/L
LOCATION 2: BELLE ISLE EAST BRIDGE ---
DESCRIPTION: PK NAIL AND BRASS WASHER IN CONCRETE SIDEWALK AT NE CORNER OF BRIDGE #874481

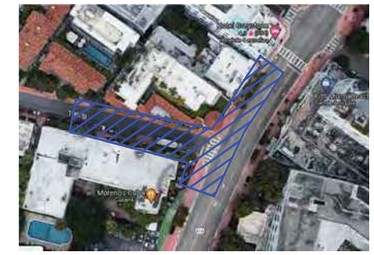
GRAPHIC SCALE

30 0 15 30

1"=30'

LOCATION SKETCH:

NOT TO SCALE



FLOOD ZONE INFORMATION:

THE GRAPHICALLY DEPICTED BUILDING(S) SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE AE
BASE FLOOD ELEVATION 8
COMMUNITY NAME & NUMBER CITY OF MIAMI BEACH 120651
MAP & PANEL NUMBER 12086C0317 SUFFIX L

SURVEYOR'S NOTES:

1. ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE NOT BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC. ONLY PLATTED EASEMENTS ARE SHOWN.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE WITHOUT WRITTEN CONSENT OF THIS FIRM.
5. ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
6. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
7. FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
8. ADDITIONS OR DELETIONS TO THIS SURVEY MAP AND/OR REPORT BY SOMEONE OTHER THAN THE SIGNING PARTY(IES) IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY(IES).
9. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF COLLINS AVENUE BEARS N 19°56'17" E.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUE.

CERTIFIED TO:

MAIN STREET ENGINEERING

NICOLAS DEL VENTO
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6945

SEAL

DATE OF ORIGINAL FIELD WORK: 09/07/2023
JOB NUMBER: 23099919
DRAWN BY: ADRIEL
CAD FILE: MAIN STREET ENGINEERING
SHEET 1 OF 1
REVISION(S):

4. Collins Ave & 20th Street

APPROXIMATE LOCATION

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

LINCOLN ROAD & WASHINGTON AVENUE
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-004

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

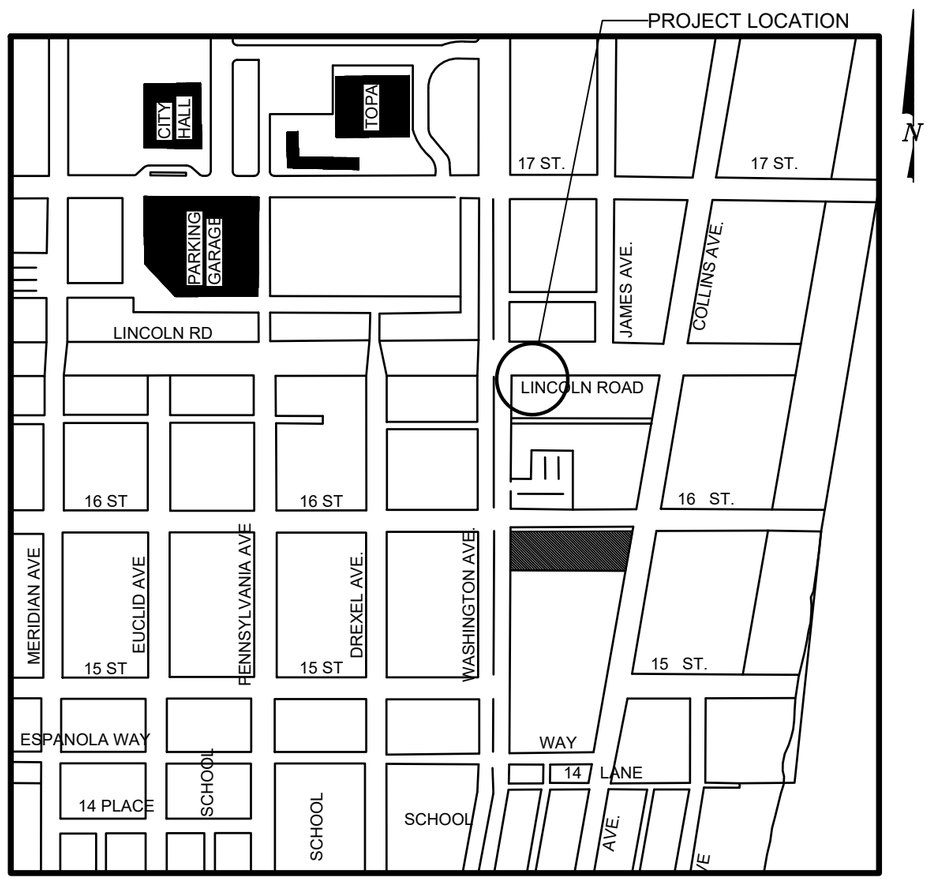
CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731



LOCATION MAP

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-004 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-004 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-004 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

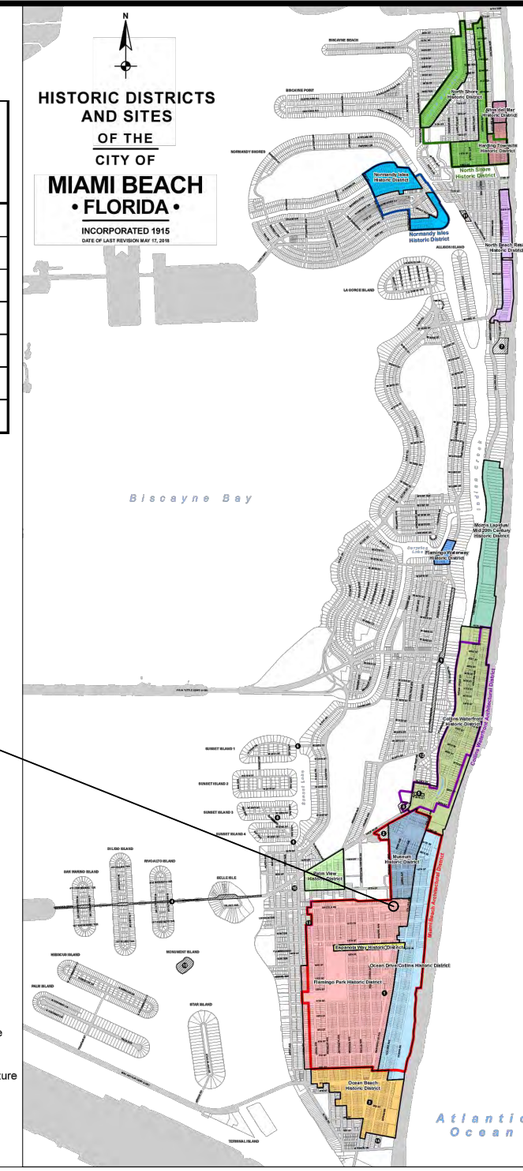
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 6 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-004 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-004 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-004 SITE SURVEY	

PROJECT LOCATION
FLAMINGO PARK HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

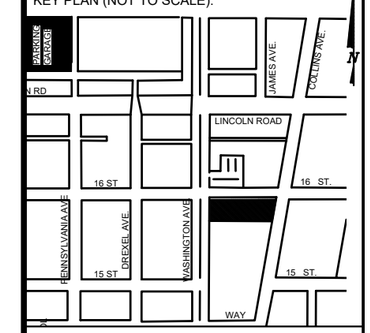
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
= GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
= WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
G = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
= SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-004: LINCOLN RD & WASHINGTON AVE

TITLE:
INDEX OF SHEETS

File Name: MIB-004-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

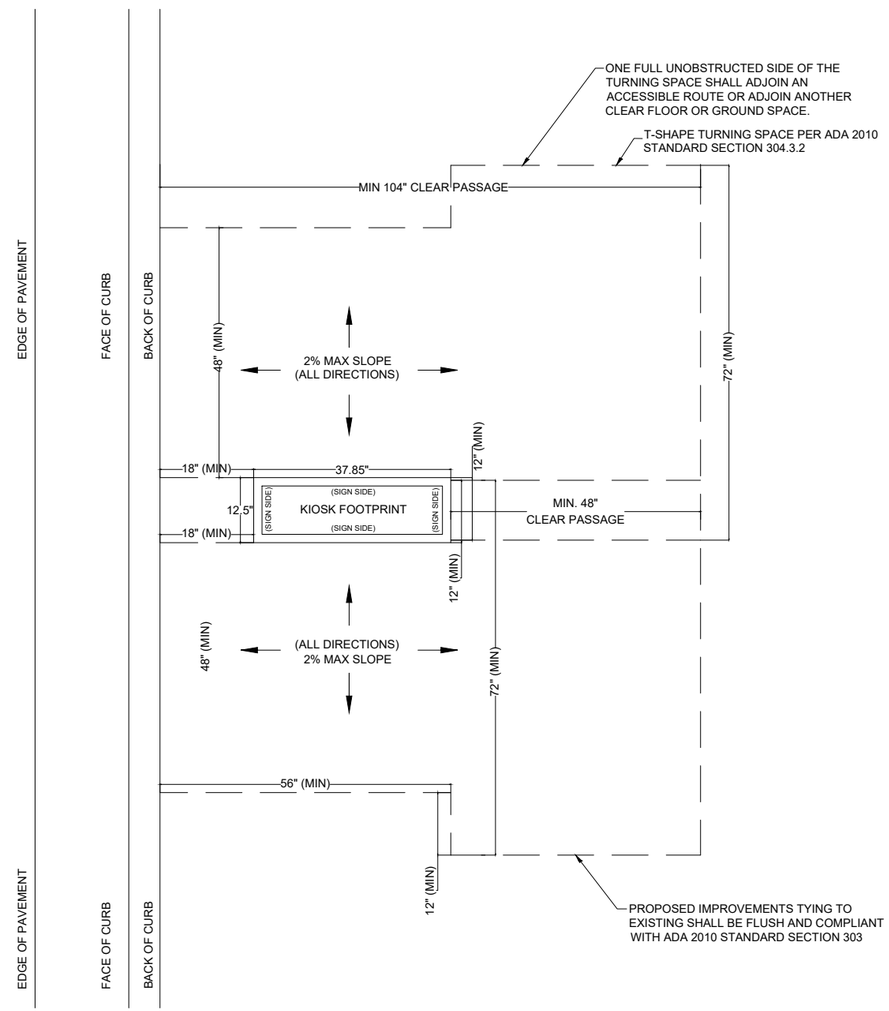
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

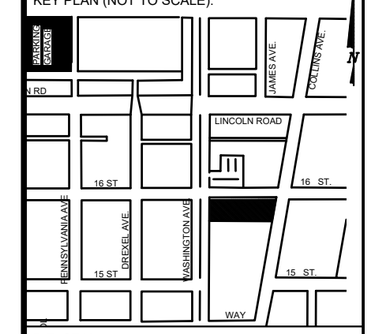
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-9964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-004: LINCOLN RD & WASHINGTON AVE

TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-004-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04

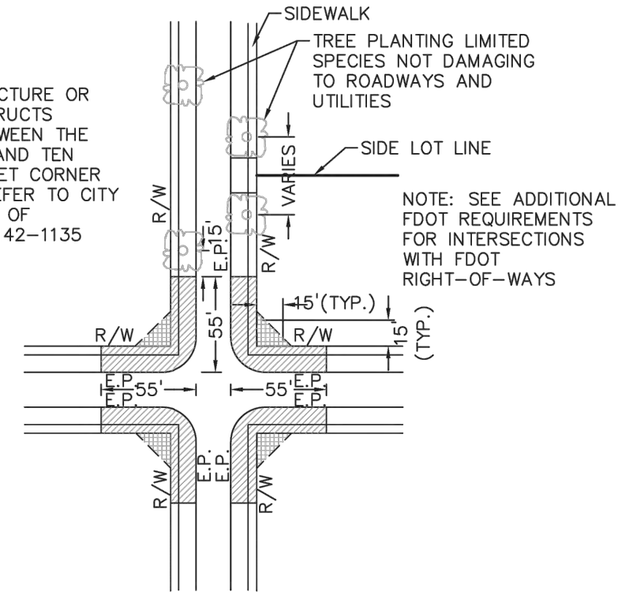
LEGEND

AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142–1135

NO PLANTING OR STRUCTURE PERMITTED WITHIN THESE LIMITS WHICH OBSTRUCTS TRAFFIC VISIBILITY.

E.P. EDGE OF PAVEMENT

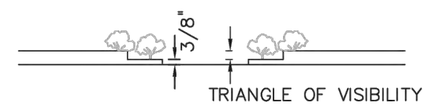
R/W RIGHT OF WAY



NOTE: SEE ADDITIONAL FDOT REQUIREMENTS FOR INTERSECTIONS WITH FDOT RIGHT–OF–WAYS

PLAN VIEW

N.T.S.



TRIANGLE OF VISIBILITY BETWEEN 3 & 6 FEET

ELEVATION VIEW

N.T.S.

NOTES:

1. AT INTERSECTIONS WITH ALL–WAY STOP CONTROL, THE FIRST STOPPED VEHICLE ON ONE APPROACH SHOULD BE VISIBLE TO THE DRIVERS OF THE FIRST STOPPED VEHICLES ON EACH OF THE OTHER APPROACHES. THERE ARE NO OTHER SIGHT DISTANCE CRITERIA APPLICABLE TO INTERSECTIONS WITH ALL–WAY STOP CONTROL AND, INDEED, ALL–WAY CONTROL MAY BE THE BEST OPTION AT A LIMITED NUMBER OF INTERSECTIONS WHERE SIGHT DISTANCE FOR OTHER CONTROL TYPES CANNOT BE ATTAINED.

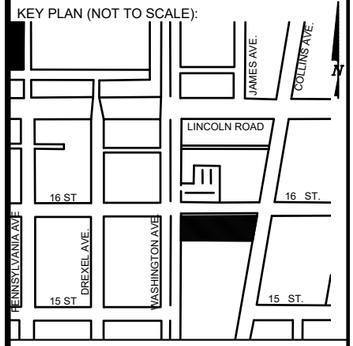
2. FOR TWO–WAY STOP INTERSECTIONS, SIGHT DISTANCE CRITERIA FOR STOP CONTROLLED INTERSECTIONS ARE LONGER THAN STOPPING SIGHT DISTANCE TO ENSURE THAT THE INTERSECTION OPERATES SMOOTHLY. MINOR– ROAD VEHICLE OPERATORS CAN WAIT UNTIL THEY CAN PROCEED SAFELY WITHOUT A MAJOR–ROAD VEHICLE TO STOP.

MIAMIBEACH PUBLIC WORKS DEPARTMENT 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139	APPROVED	REVISED 07/2020 09/2020	TITLE: SIGHT RESTRICTIONS AT INTERSECTIONS WITH NO DEDICATED RADII	DETAIL 10-26

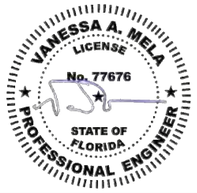
SIGHT TRIANGLE CLEARANCE

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456–3005 - Fax: (305) 676–3064
FL PE Certificate No.: 00006731

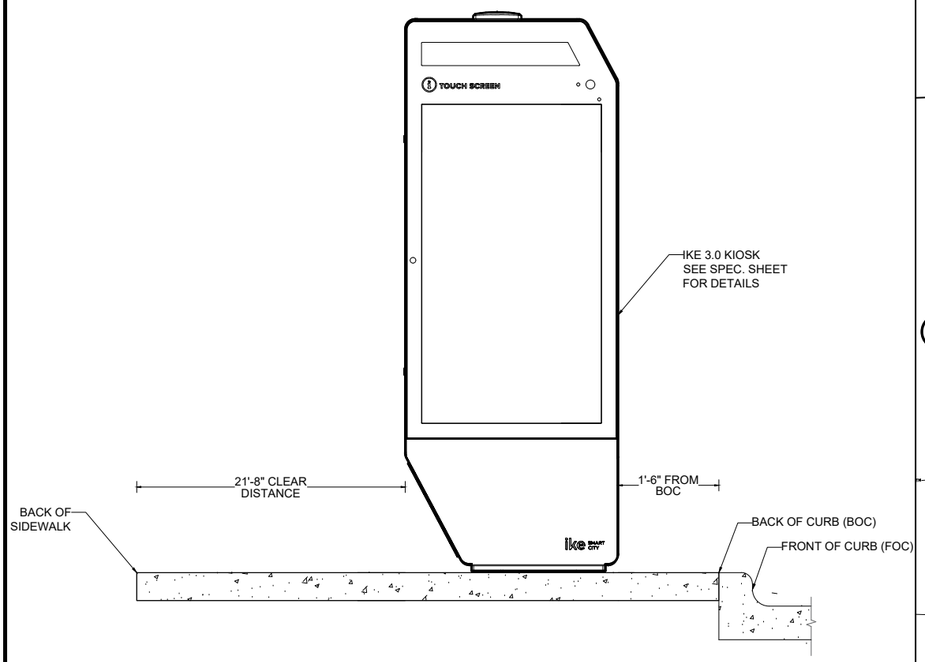
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-004: LINCOLN RD & WASHINGTON AVE

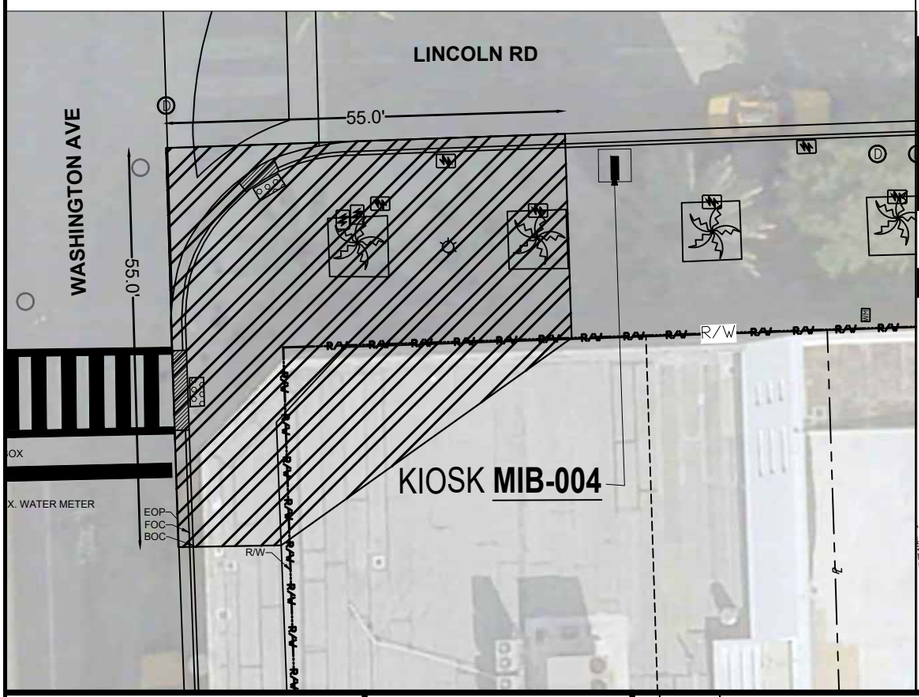
TITLE: CIVIL SITE PLAN

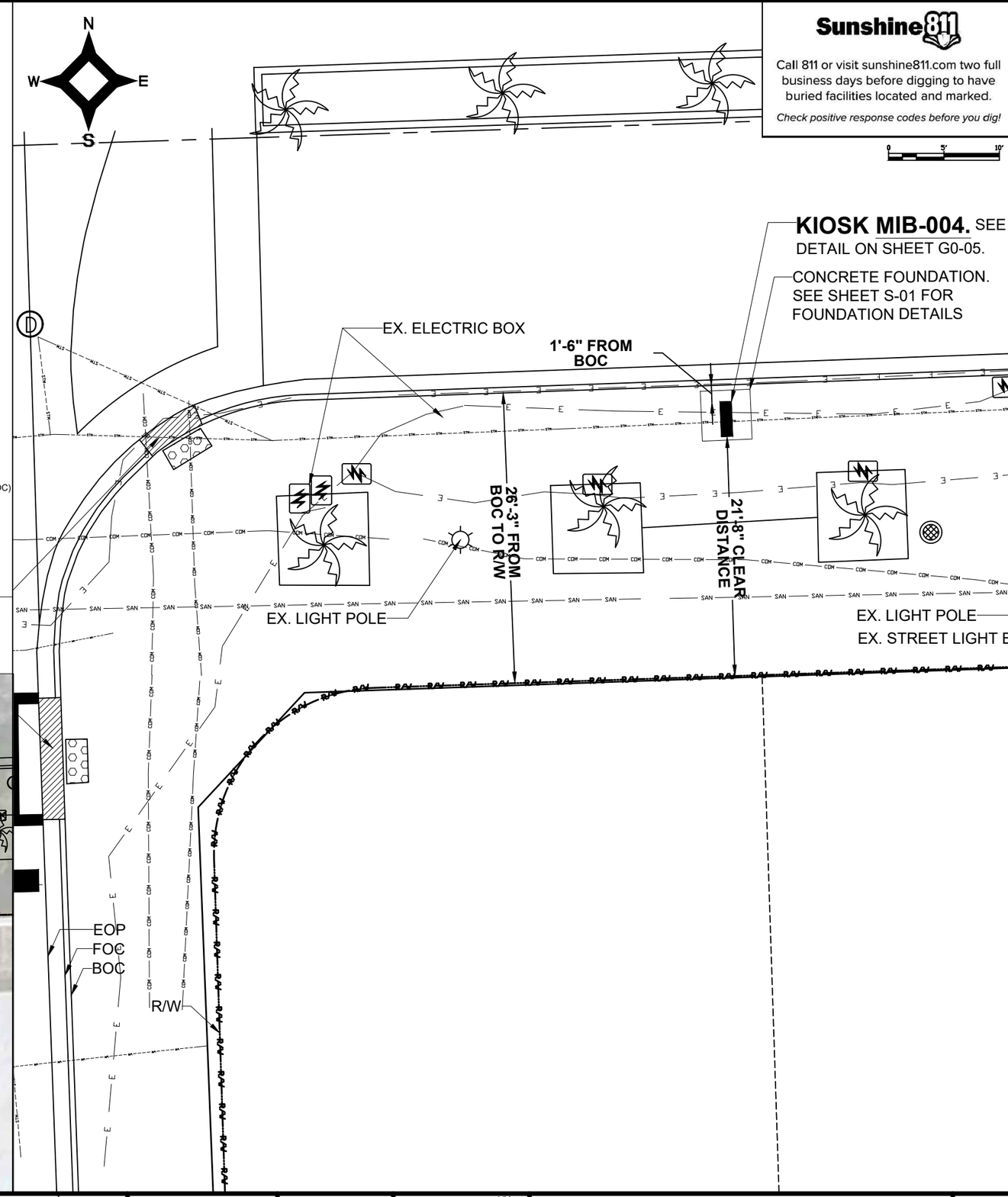
File Name: MIB-004-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

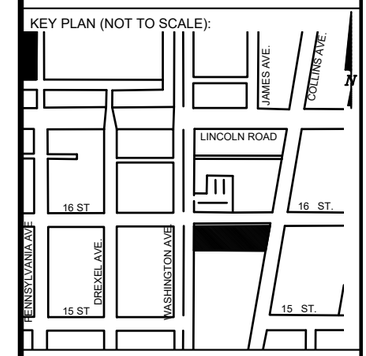
SCALE: 1'-10"





NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7038 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00008731

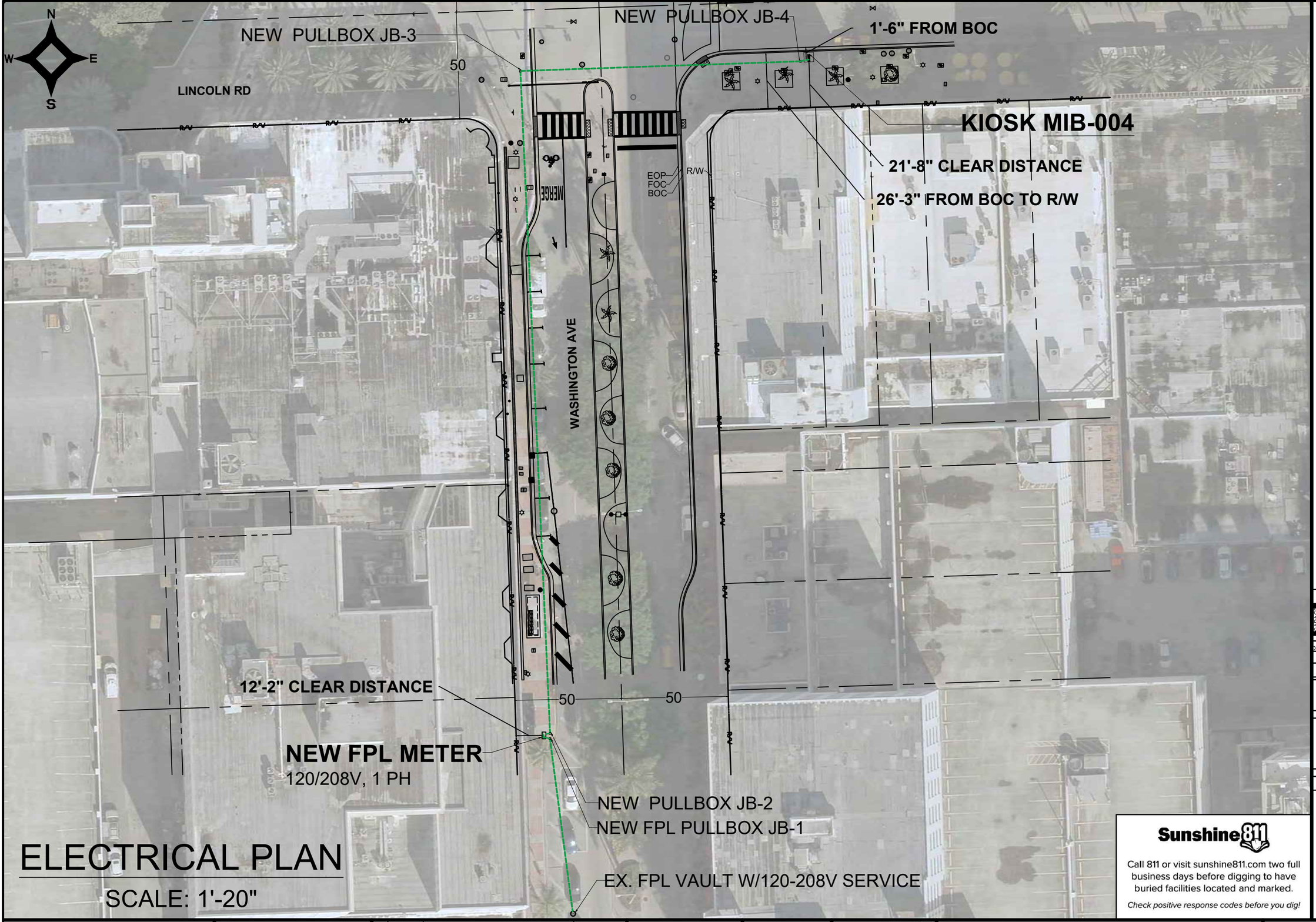
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-004: LINCOLN RD & WASHINGTON AVE

TITLE:
KIOSK MIB-004 ENGINEERING PLAN

File Name: MIB-004-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02



ELECTRICAL PLAN

SCALE: 1'-20"

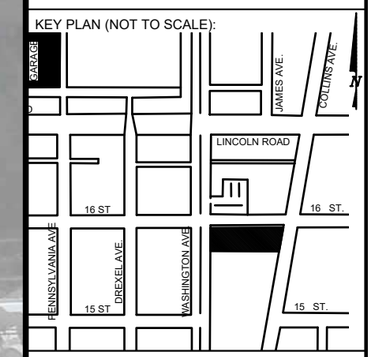
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

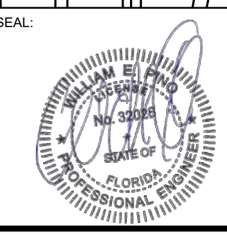
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3025 , Fax: (305) 676-5984
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

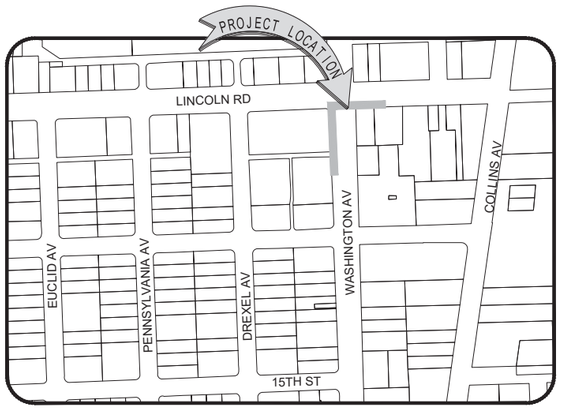
ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=20'

NEIGHBORHOOD:
MIB-004: LINCOLN RD & WASHINGTON AVE

TITLE:
KIOSK MIB-004 ELECTRICAL PLAN

File Name: MIB-004-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

SPECIFIC PURPOSE SURVEY



LOCATION MAP

Not to Scale

SURVEYOR'S REPORT AND GENERAL NOTES
(Not valid without the attached Survey Map)

1. This is not a Boundary Survey.
2. References to "Deed", "Record" or "Plat" refer to documents and instruments of record as part of the pertinent information used for this survey work. Measured distances, directions and angles along boundary lines are in consistency with corresponding values from records, unless otherwise shown.
3. These lands are subject to additional restrictions of record that were not furnished to the undersigning registered surveyor. A title search has not been performed by the surveyor.
4. North arrow direction is based on an assumed Meridian. Bearings are based on an assumed meridian on a well-established line, said line is being noted as BR on the Survey Map.
5. Only above ground improvements are shown herein. Foundations, underground features and utilities have not been located.
6. Survey markers found in the field have no identification unless otherwise shown. Any survey marker set by our company is labeled LB 7262 or PSM 6169.
7. This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
8. This Survey Map is being prepared for the use of the party/parties that it is certified to and does not extend to any unnamed individual, entity or assignee.
9. **FLOODPLAIN INFORMATION:** As scaled from Federal Insurance Rate Map (FIRM) of Community No. 120651 (City of Miami Beach), Panel 0319, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "AE" with Base Flood Elevation 8 feet (NGVD 1929)
10. **HORIZONTAL ACCURACY:** Accuracy obtained thru measurements and calculations meets and exceeds the minimum horizontal feature accuracy for a Suburban area being equal to 1 foot in 7, 500 feet.
11. **VERTICAL CONTROL AND ACCURACY:** The elevations as shown are referred to the National American Vertical Datum of 1988 (NAVD 1988). The closure in feet, as computed, meets the standard of plus or minus 0.05 feet times the squared root of the loop distance in miles. Elevation are based on a level loop from and to the following official Bench Marks:
    Bench Mark # 1: City Miami Beach Bench Mark CMB W 16, Elevation = 4.00 feet (NAVD'88)
    Description: PK nail & washer @ Northeast quadrant of intersection Washington Avenue and 16th Street.
    Bench Mark # 2: City Miami Beach Bench Mark CMB 16 02R, Elevation = 2.03 feet (NAVD'88)
    Description: PK nail & washer @ Northwest quadrant of intersection Pennsylvania Avenue & 16th Street.

SUE NOTES:

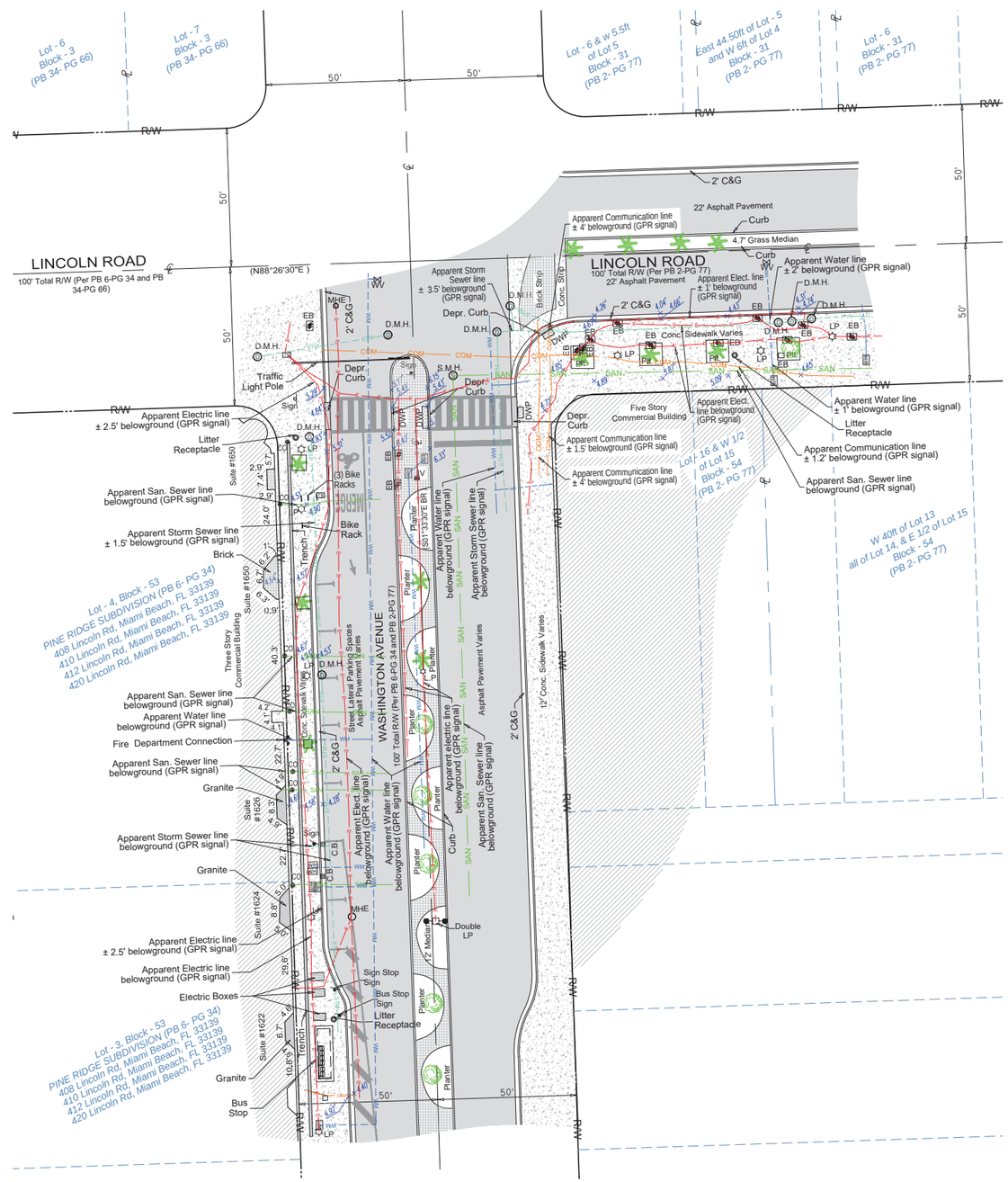
1. Data collected for this Survey had been determined using GNSS (RTK/GPS) conventional TS and differential leveling. Dimensions obtained are subject to equipment limitations.
2. Subsurface Utility investigation was performed as part of this survey using GPR (Ground Penetrating Radar) and RD (Radiodetection Technology) for designation and location of underground facilities. This Survey depicts apparent location of underground piping found during this investigation. This method accuracy is plus or minus 1.5 feet approximately. There might be additional underground facilities not discovered at the time of this survey.

— E — E — E — = Red Paint Line Apparent Electric Conduit
— — — WM — = Blue Paint Line Apparent Water Line
SAN — SAN — = Green Paint Line Apparent Sanitary Sewer Line
GAS — GAS — = Yellow Paint Line Apparent Gas Line
COM — COM — = Orange Paint Line Apparent Communication Line
— — — STM — = Green Paint Line Apparent Storm Sewer Line

I HEREBY CERTIFY TO:
Main Street Engineering, that this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey is accurate and correct to the best of my knowledge and belief.

Odalys C Bello
c=US, o=Bello and Bello Land Surveying Corp., dnQualifier=A01410C000001884E3B67E8000DD40A, cn=Odalys C Bello
2023.08.03 12:54:44 -04'00'

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 • State of Florida
Field Work Date: 07/27/2023



LEGEND & ABBREVIATIONS

= CONCRETE (CONC.)
= CONCRETE BLOCK WALL
= WOOD DECK
= COVERED AREA
= ASPHALT
= TILE
= PAVERS
= STONE
= CHAIN LINK FENCE (CLF)
= WOOD FENCE (WF)
= IRON METAL BARS FENCE (IF)
= OVERHEAD WIRES
= SEWER VALVE (S.V.)
= POWER POLE (PP)
= GUY ANCHOR
= WATER METER (WM)
= CONC. LIGHT POLE (LP)
= ELECTRIC BOX (EB)
= STREET SIGN
= SANITARY MANHOLE
= DRAINAGE MANHOLE
= ELECTRIC MANHOLE
= FIRE HYDRANT
= CABLE BOX (CATV)
= TRAFFIC BOX
= CATCH BASIN OR INLET
= EXISTING ELEVATION
= BOX TELEPHONE
= STREET LIGHT BOX
= PALM (NO IDENTIFIED)
= TREE (NO IDENTIFIED)

PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
PCC = POINT OF COMPOUND CURVE
PRC = POINT OF REVERSE CURVE
BM = BENCH MARK
BR = BEARING REFERENCE
DWP = DETECTABLE WARNING PAD
DEPR. = DEPRESSED
℄ = PROPERTY LINE
℄ = CENTER LINE
B = BASE LINE
PSM = PROFESSIONAL SURVEYOR AND MAPPER
C&G = CURB & GUTTER
GA = GUY ANCHOR
ENCR = ENCROACHEMENT
VG = VALLEY GUTTER
(XX-XX) = DENOTES PLAT BOOK XX - PAGE XX
ORB = OFFICIAL RECORD BOOK
CBS = CONCRETE BLOCK STRUCTURE
R/W = RIGHT OF WAY
ELEV = ELEVATION
SEC = SECTION
T = TOWNSHIP
R = RANGE
(M) = FIELD MEASURED
(C) = CALCULATED
(R) = RECORD
(P) = PER PLAT

BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@bellobland.com • www.bellolandsurveying.com

Additions and deletions to this Survey Map are prohibited. This Survey Map and Report are not valid without the signature and original raised seal or without the authenticated electronic signature and seal of the undersigning Florida licensed Surveyor and Mapper.

Property Address:
Washington Avenue & Lincoln Road, Miami Beach, Florida 33139
Project No. 23182 D.B.: EO Page 1 of 1

7. Lincoln Rd & Washington Ave

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-023: COLLINS AVENUE (SR-A1A) & LINCOLN ROAD
MIB-024: COLLINS AVENUE (SR-A1A) & 16TH STREET

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

CITY MANAGER: ALINA T. HUDAK

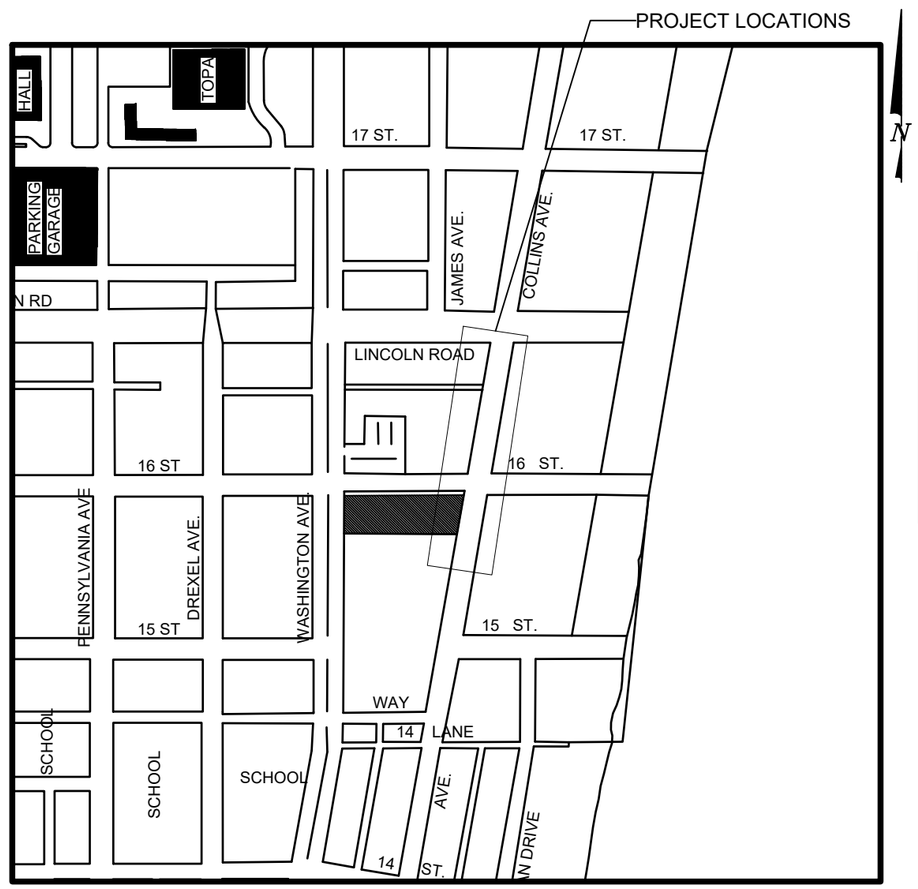
CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com



LOCATION MAP

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-023 ENGINEERING PLAN	
5	CIVIL	C1-03	KIOSK MIB-024 ENGINEERING PLAN	
6	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
7	ELECTRICAL	E1-01	KIOSK MIB-023 ELECTRICAL PLAN	
8	ELECTRICAL	E1-02	KIOSK MIB-024 ELECTRICAL PLAN	
9	SURVEY		KIOSK MIB-023 & MIB-024 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF TWO (2) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

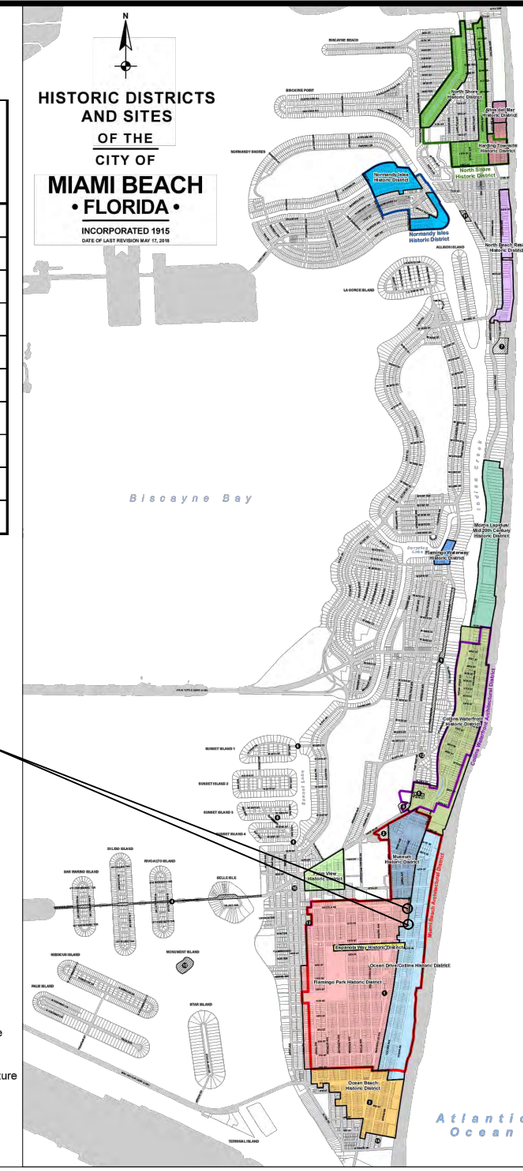
Work Order _____ Sheet 0 of 9 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-023 ENGINEERING PLAN	
5	CIVIL	C1-03	KIOSK MIB-024 ENGINEERING PLAN	
6	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
7	ELECTRICAL	E1-01	KIOSK MIB-023 ELECTRICAL PLAN	
8	ELECTRICAL	E1-02	KIOSK MIB-024 ELECTRICAL PLAN	
9	SURVEY		KIOSK MIB-023 & MIB-024 SITE SURVEY	

PROJECT LOCATIONS

MIB-023: FLAMINGO PARK HISTORIC DISTRICT
MIB-024: OCEAN DRIVE/COLLINS AVENUE HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS

- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS

- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES

1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

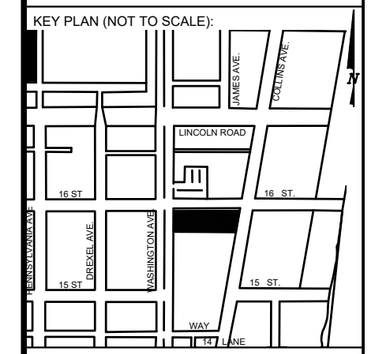
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
G = GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
GT = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: INDEX OF SHEETS

File Name: MIB-023 & MIB-024 - GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 9 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF TWO (2) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

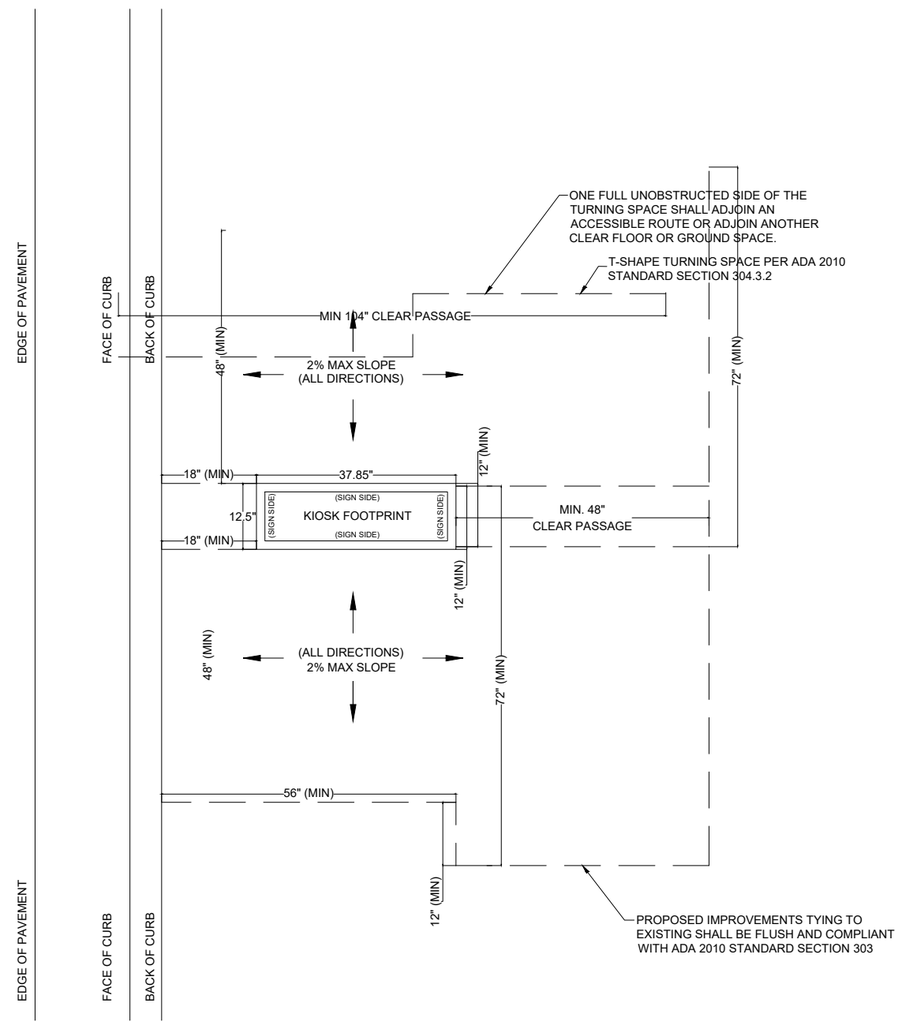
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

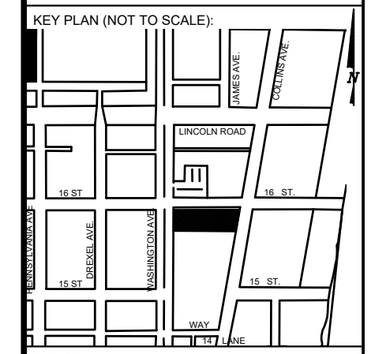
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

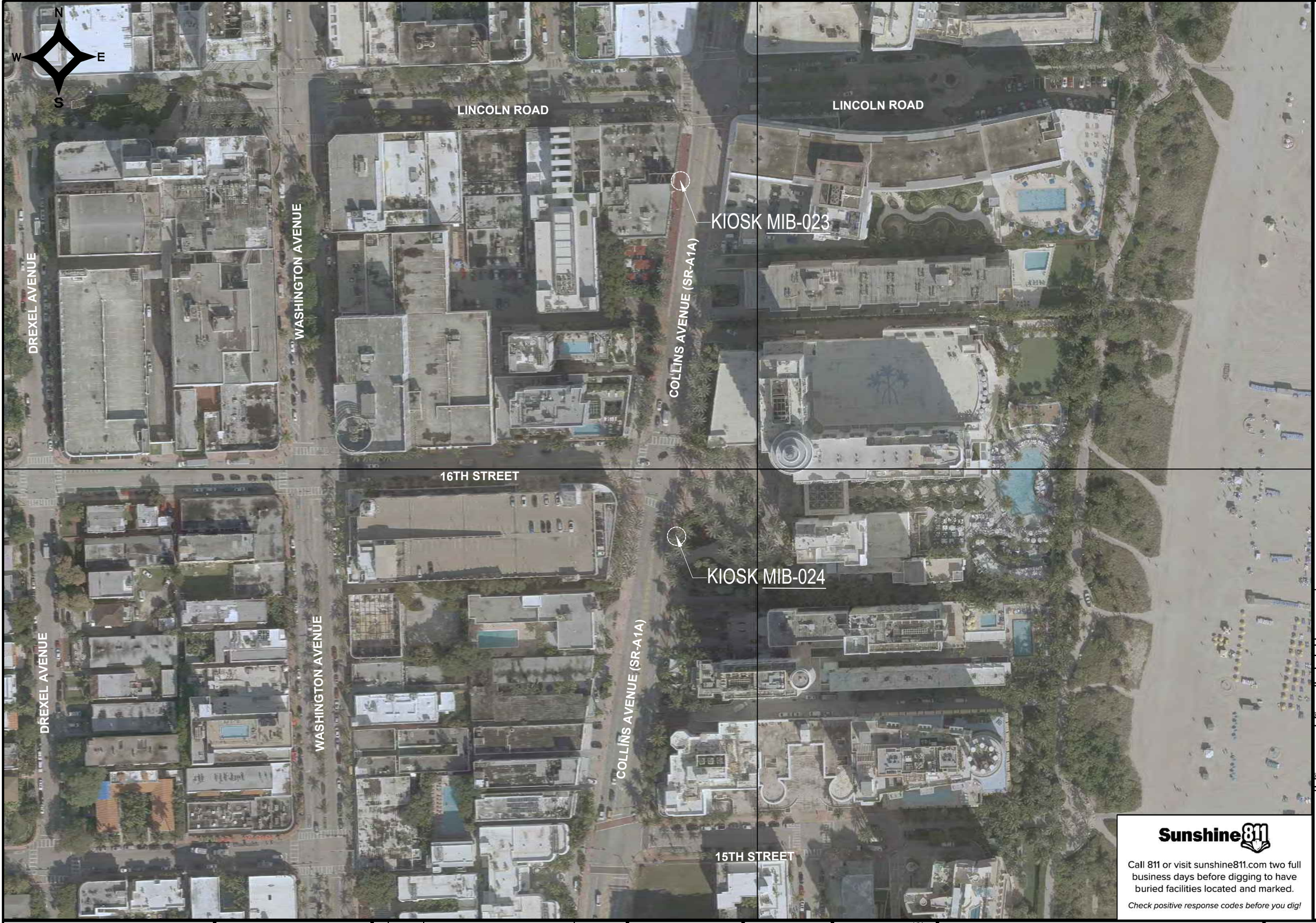
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

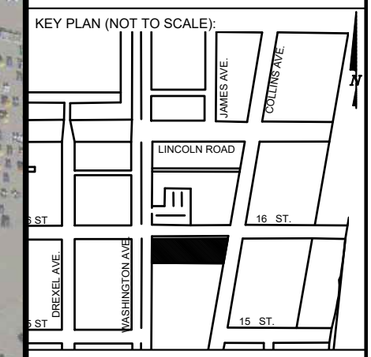
TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-023 & MIB-024 - GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 9 Drawing: G0-04



NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fac: (305) 676-8964
FL PE Certificate No.: 00006731

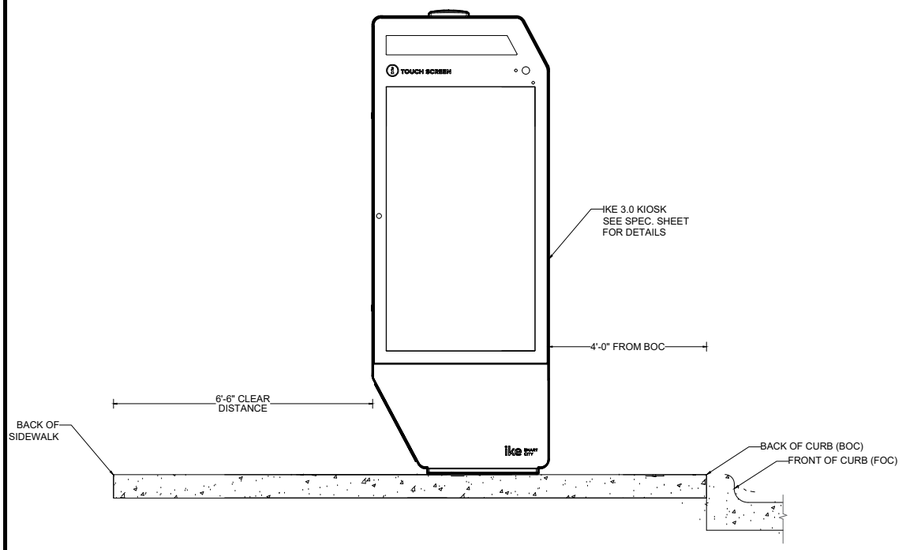
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

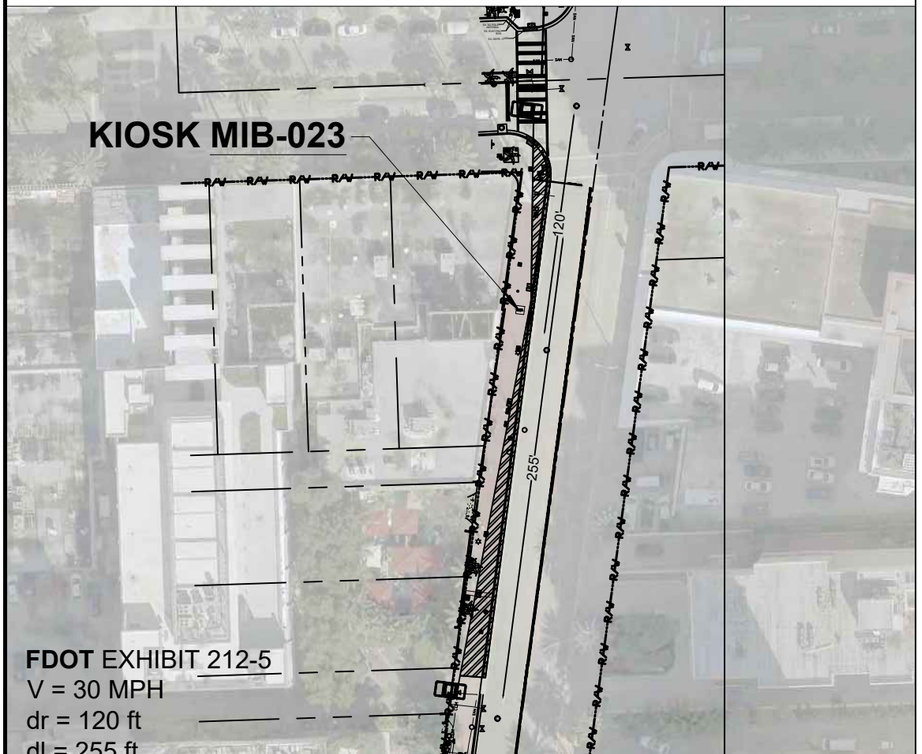
TITLE: CIVIL SITE PLAN

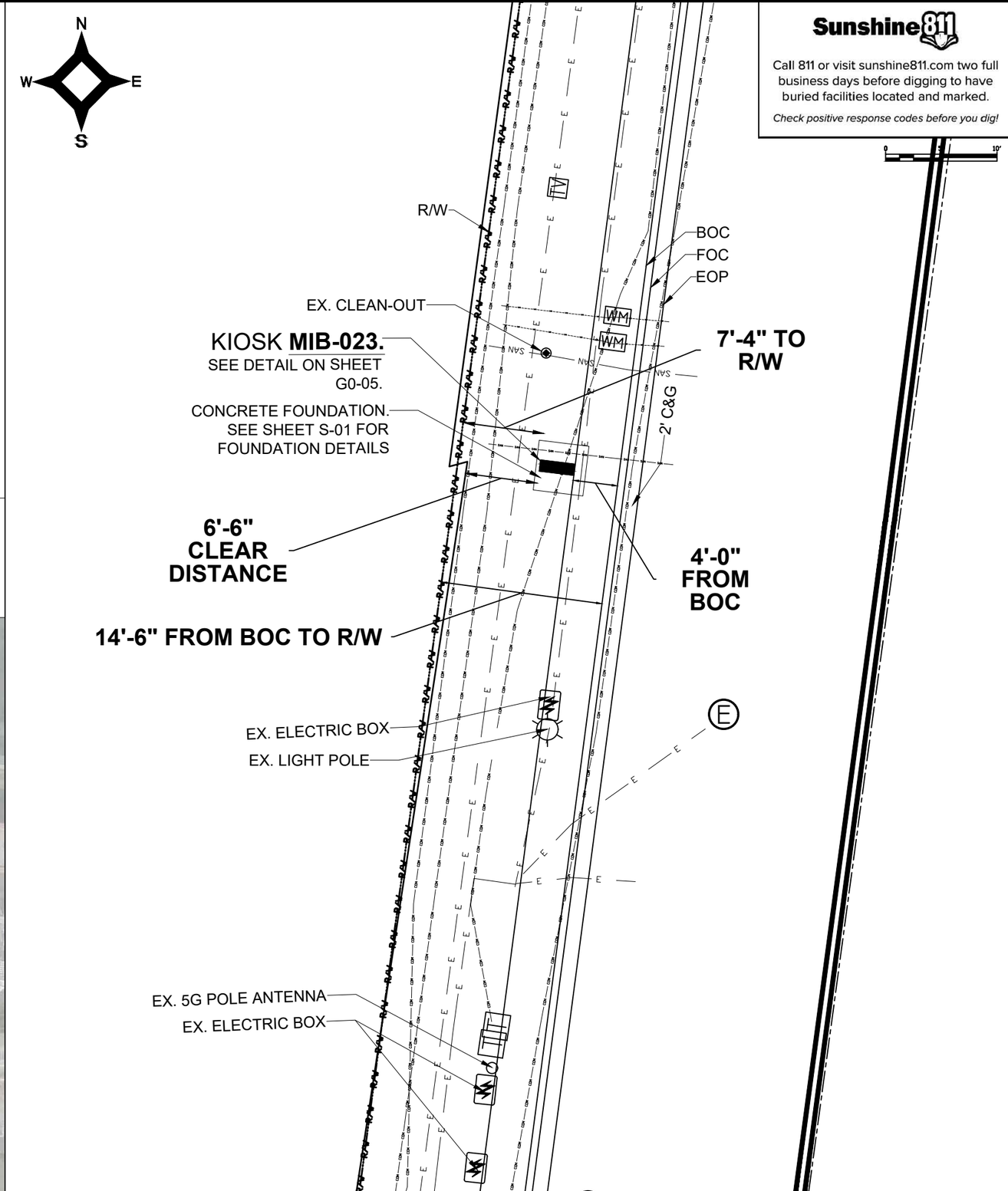
File Name: MIB-023 & MIB-024 - CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 9 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-40"





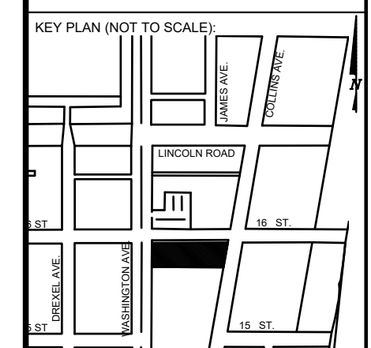
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

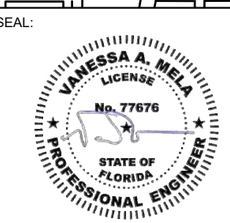
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 406-3005 Fax: (305) 676-5964
FL PE Certificate No.: 00006731

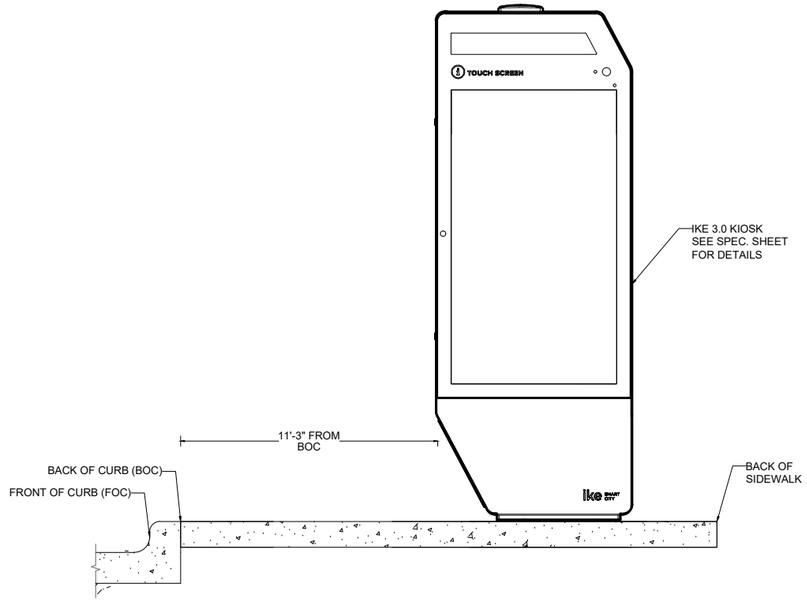
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

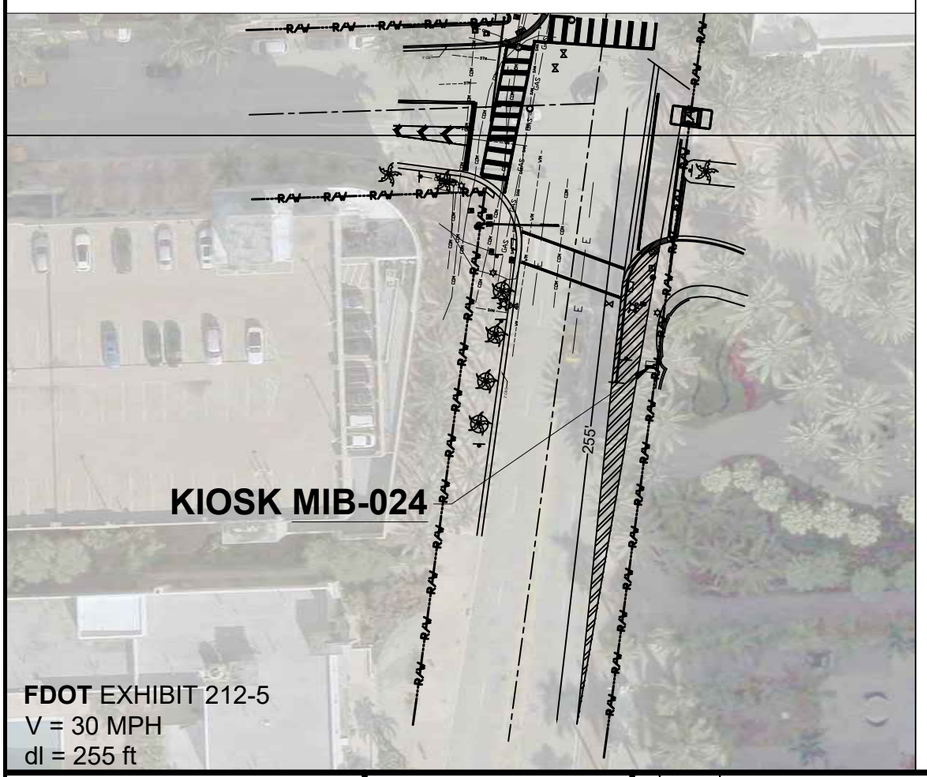
TITLE: KIOSK MIB-023 ENGINEERING PLAN

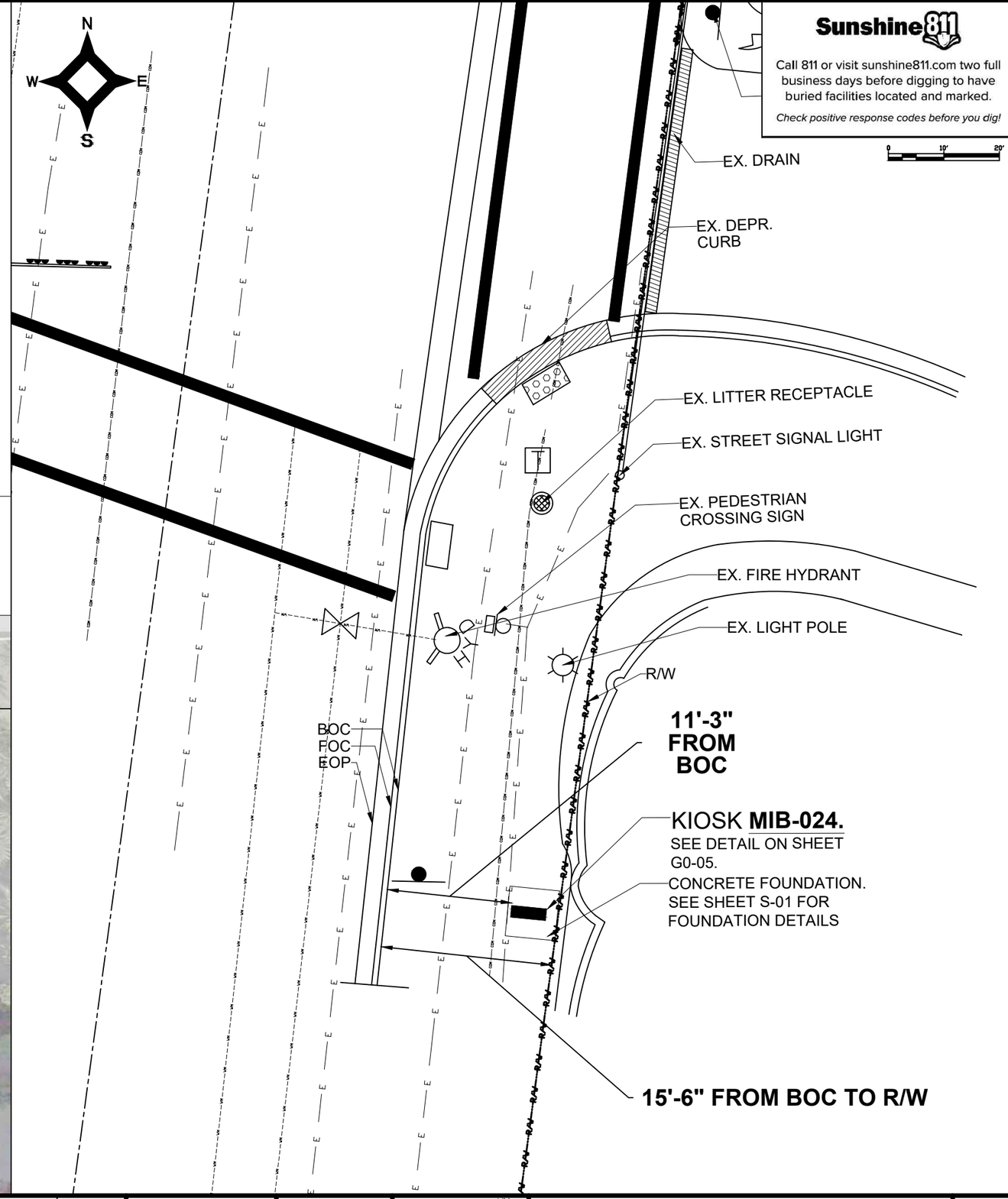
File Name: MIB-023 & MIB-024 - CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 9 Drawing: C1-02



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

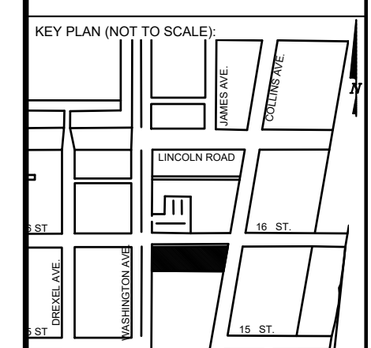
SCALE: 1'-30"



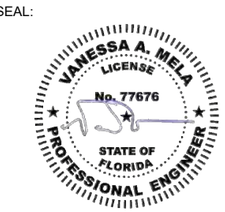


NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTIÑEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3055 - Fax: (305) 676-5984
FL PE Certificate No.: 00006731

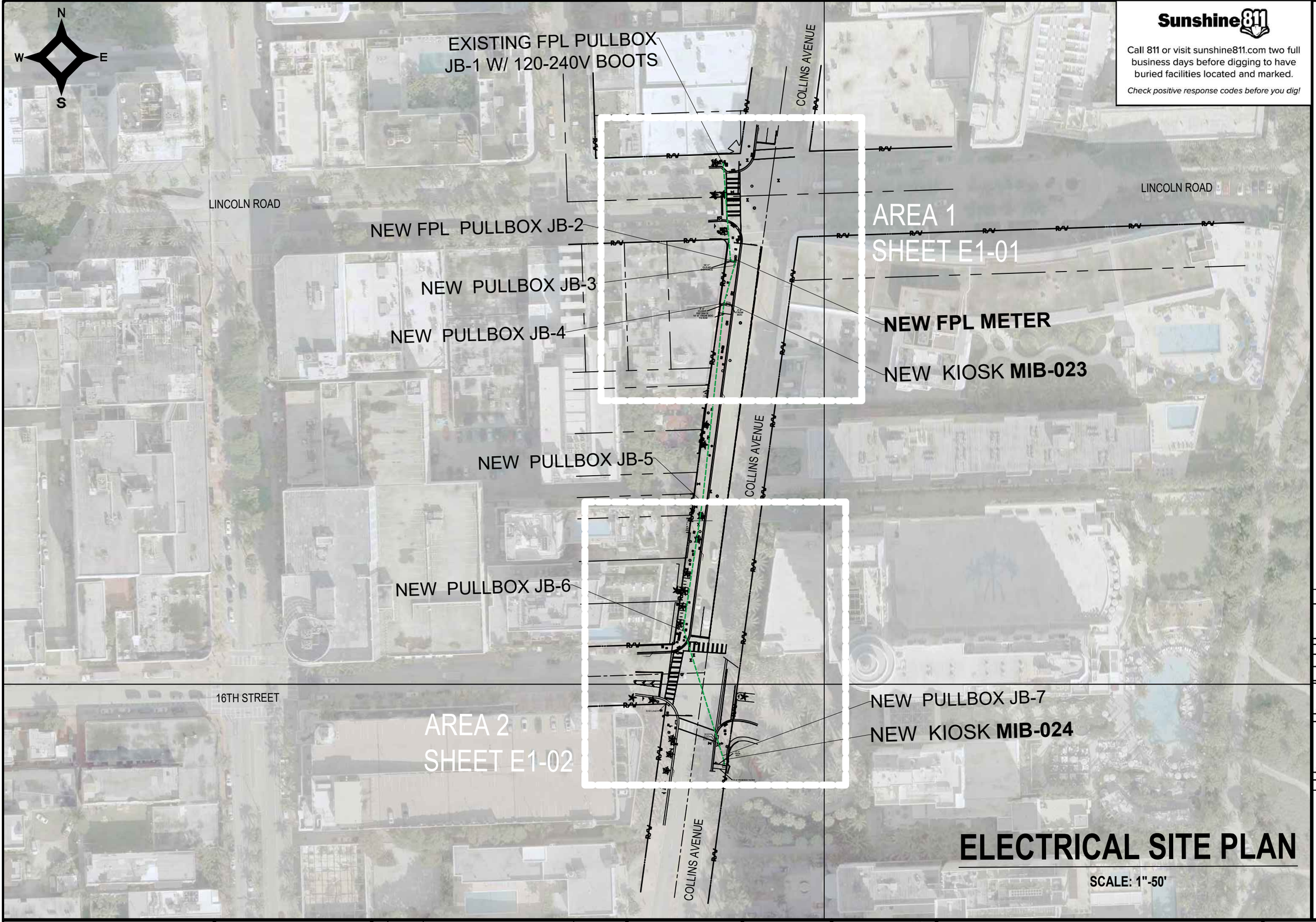
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: KIOSK MIB-024 ENGINEERING PLAN

File Name: MIB-023 & MIB-024 - CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 9 Drawing: C1-03



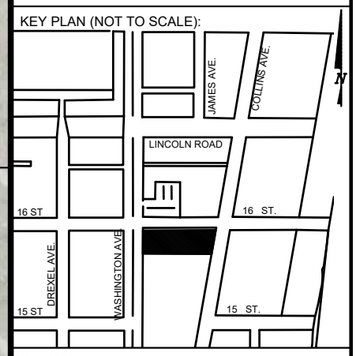
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

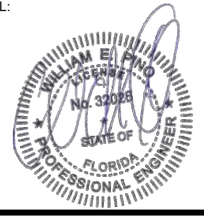
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



ELECTRICAL SITE PLAN

SCALE: 1"-50'

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3005 , Fax: (305) 676-8464
FL PE Certificate No.: 00008731

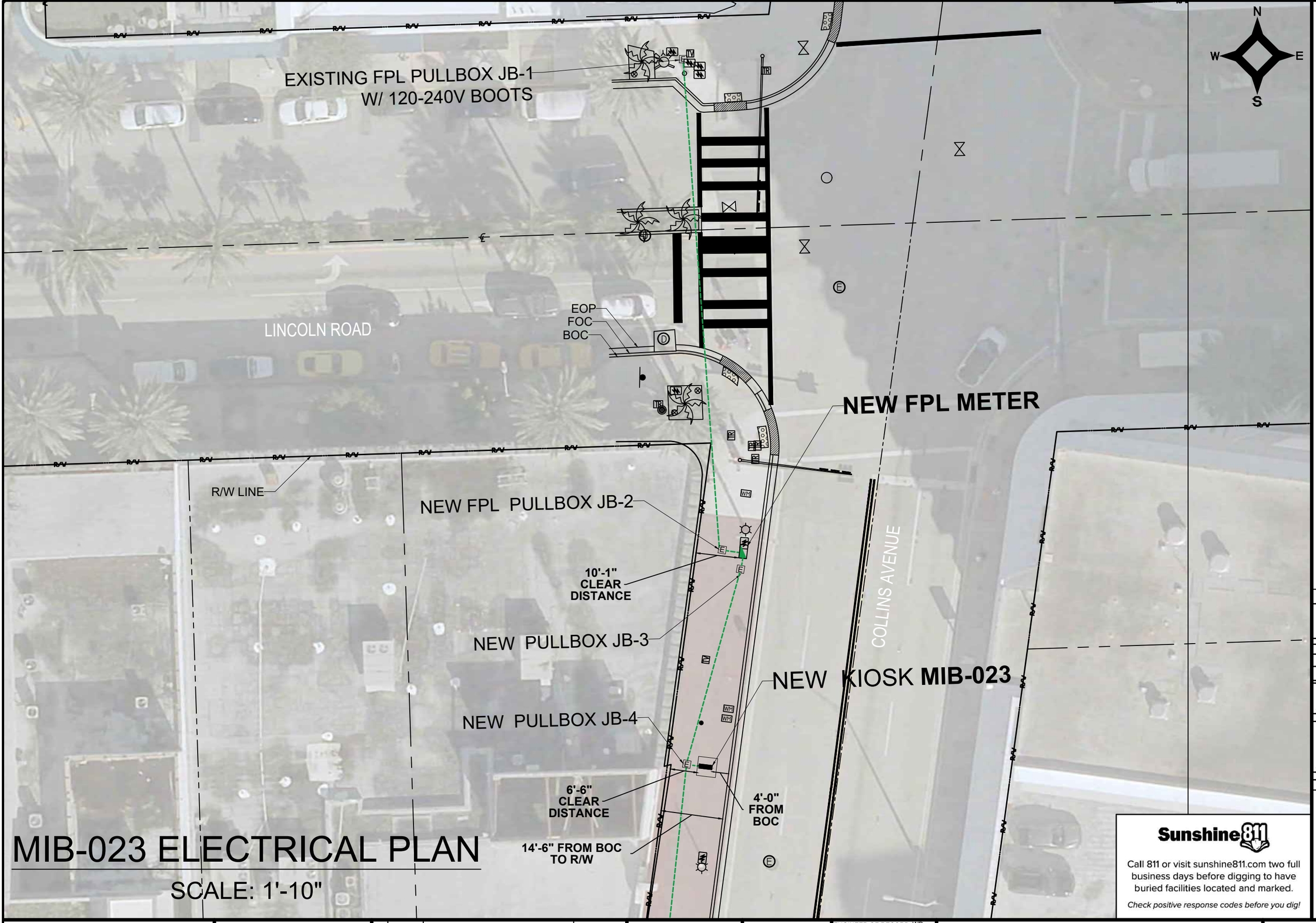
ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=50'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: ELECTRICAL SITE PLAN

File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 6 of 9 Drawing: E0-01

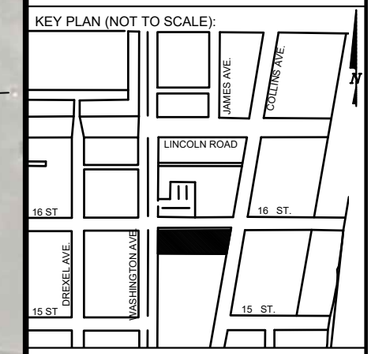


MIB-023 ELECTRICAL PLAN

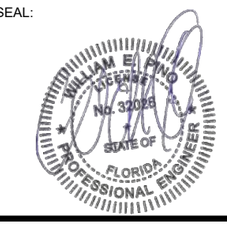
SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00006731

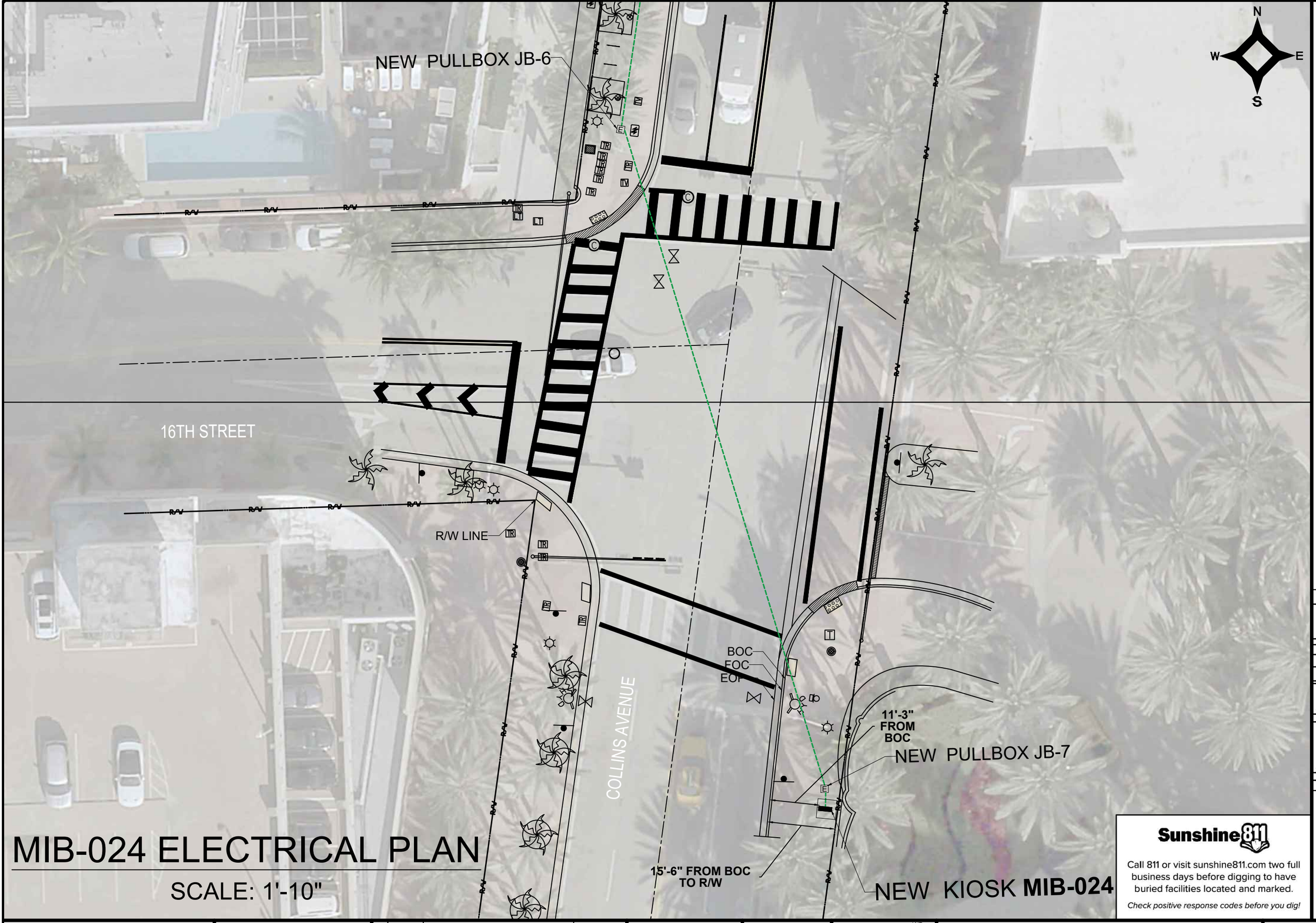
ENGINEER OF RECORD:
WILLIAM E. PINO,
P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: KIOSK MIB-023 ELECTRICAL PLAN

File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 7 of 9 Drawing: E1-01

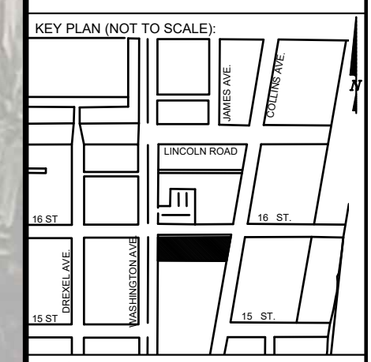


MIB-024 ELECTRICAL PLAN

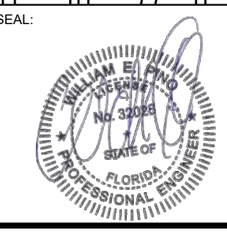
SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 - Fax: (305) 676-8964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

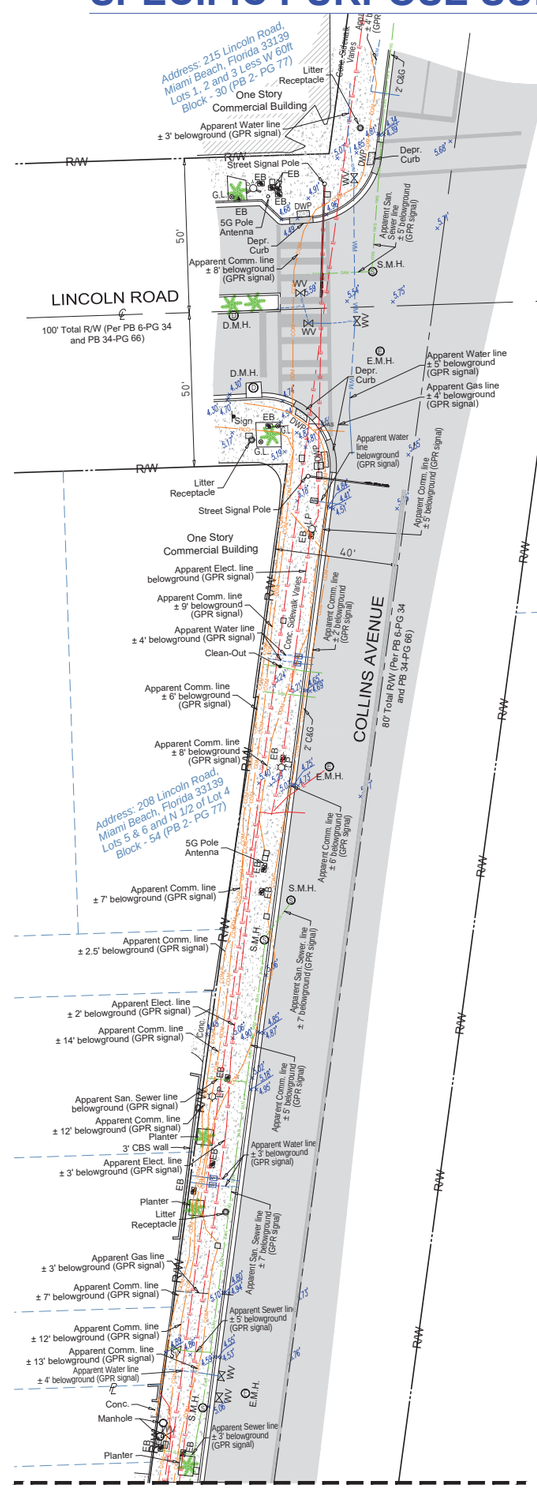
TITLE: KIOSK MIB-024 ELECTRICAL PLAN

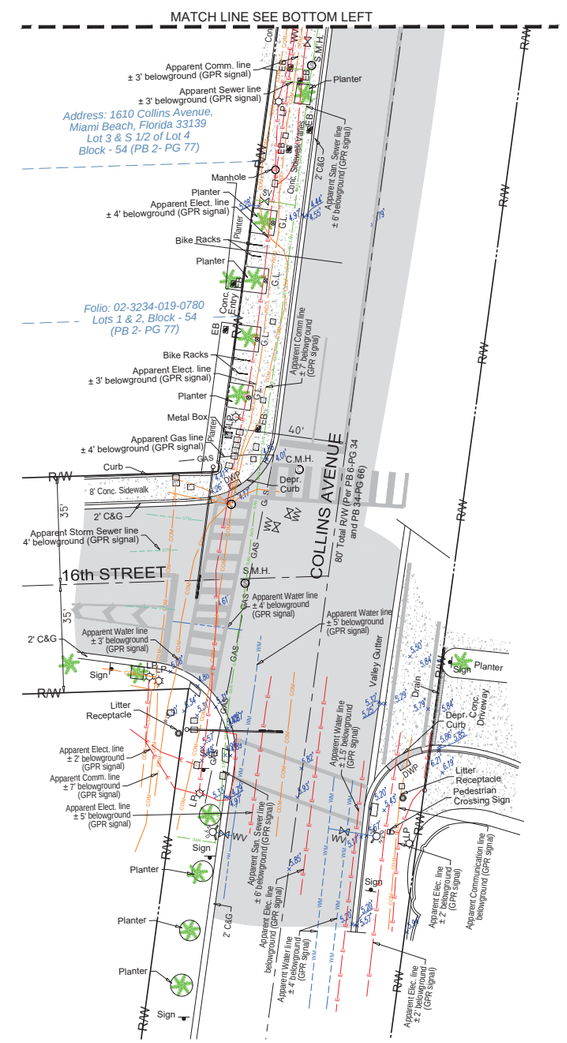
File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 8 of 9 Drawing: E1-02

SPECIFIC PURPOSE SURVEY

LOCATION MAP

Not to Scale





0 15 30
SCALE: 1" = 30'

LEGEND & ABBREVIATIONS

- = CONCRETE (CONC.)
- = CONCRETE BLOCK WALL
- = WOOD DECK
- = COVERED AREA
- = ASPHALT
- = TILE
- = PAVERS
- = DETECTABLE WARNING PAD (DWP)
- = CHAIN LINK FENCE (CLF)
- = WOOD FENCE (WF)
- = IRON METAL BARS FENCE (IF)
- = OVERHEAD WIRES
- = SEWER VALVE (S.V.)
- = POWER POLE (PP)
- = GUY ANCHOR
- = WATER METER (WM)
- = CONC. LIGHT POLE (LP)
- = ELECTRIC BOX (EB)
- = GARDEN LIGHT (G.L.)
- = STREET SIGN
- = SANITARY MANHOLE
- = DRAINAGE MANHOLE
- = ELECTRIC MANHOLE (E.M.H.)
- = CABLE MANHOLE (C.M.H.)
- = FIRE HYDRANT
- = BOX TELEPHONE
- = CABLE BOX (CATV)
- = TRAFFIC BOX
- = STREET LIGHT BOX
- = CATCH BASIN OR INLET
- = EXISTING ELEVATION
- = PALM (NO IDENTIFIED)
- = TREE (NO IDENTIFIED)

PT	= POINT OF TANGENCY
PC	= POINT OF CURVATURE
PCC	= POINT OF COMPOUND CURVE
PRC	= POINT OF REVERSE CURVE
BM	= BENCH MARK
BR	= BEARING REFERENCE
DWP	= DETECTABLE WARNING PAD
DEPR.	= DEPRESSED
⅊	= PROPERTY LINE
℄	= CENTER LINE
⅏	= BASE LINE
PSM	= PROFESSIONAL SURVEYOR AND MAPPER
C&G	= CURB & GUTTER
GA	= GUY ANCHOR
ENCR	= ENCROACHEMENT
VG	= VALLEY GUTTER
(XX-XX)	= DENOTES PLAT BOOK XX - PAGE XX
ORB	= OFFICIAL RECORD BOOK
CBS	= CONCRETE BLOCK STRUCTURE
R/W	= RIGHT OF WAY
ELEV	= ELEVATION
SEC	= SECTION
T	= TOWNSHIP
R	= RANGE
(M)	= FIELD MEASURED
(C)	= CALCULATED
(R)	= RECORD
(P)	= PER PLAT

SURVEYOR'S REPORT AND GENERAL NOTES
(Not valid without the attached Survey Map)

1. This is not a Boundary Survey.
2. These lands are subject to additional restrictions of record that were not furnished to the undersigning registered surveyor. A title search has not been performed by the surveyor.
3. North arrow direction is based on an assumed Meridian. Bearings are based on an assumed meridian on a well-established line, said line is being noted as BR on the Survey Map.
4. Only above ground improvements are shown herein. Foundations, underground features and utilities have not been located by this surveyor. Refer to SUE effort notes below.
5. Survey markers found in the field have no identification unless otherwise shown. Any survey marker set by our company is labeled LB 7262 or PSM 6169.
6. This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
7. This Survey Map is being prepared for the use of the party/parties that it is certified to and does not extend to any unnamed individual, entity or assignee.
8. **FLOODPLAIN INFORMATION:** As scaled from Federal Insurance Rate Map (FIRM) of Community No. 120651 (City of Miami Beach), Panel 0317, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "AE" with Base Flood Elevation 8 feet (NGVD 1929)
9. **HORIZONTAL ACCURACY:** Accuracy obtained thru measurements and calculations meets and exceeds the minimum horizontal feature accuracy for a Suburban area being equal to 1 foot in 7, 500 feet.
10. **VERTICAL CONTROL AND ACCURACY:** The elevations as shown are referred to the National American Vertical Datum of 1988 (NAVD 1988). The closure in feet, as computed, meets the standard of plus or minus 0.05 feet times the squared root of the loop distance in miles. Elevation are based on a level loop from and to the following official Bench Marks:
    Bench Mark # 1: City Miami Beach Bench Mark CMB W 16, Elevation = 4.00 feet (NAVD'88)
    Description: PK nail & washer @ Northeast quadrant of intersection Washington Avenue and 16th Street.
    Bench Mark # 2: City Miami Beach Bench Mark CMB 16 02R, Elevation = 2.03 feet (NAVD'88)
    Description: PK nail & washer @ Northwest quadrant of intersection Pennsylvania Avenue & 16th Street.
11. **SUE NOTES:**
    Subsurface Utility investigation was performed by South Florida Utility Location Services using GPR (Ground Penetrating Radar) and RD (Radiodetection Technology) for designation and location of underground facilities. The horizontal accuracy of this method is +/- 1.5 feet approximately, and is subject to equipment limitations. This Survey depicts the location of the marks indicating the approximate location of the buried pipes and conduits. There might be additional underground facilities not discovered at the time of this survey. Underground utility references as shown on this survey drawing is solely based on information marked on the field by South Florida Utility Location Services for this project. Contact information below:

    South Florida Utility Location Services
    15323 SW 31st Terrace, Miami, Florida 33185
    (786) 547 9086 Office, Emai: rogerh@sf-uls.com, Contact Person: Roger Hasbani

    Surveyor is not responsible for any errors or omissions that could arise from the information provided. Call 811 or visit www.sunshine811.com before digging.

- E — = RED PAINT LINE APPARENT ELECTRIC CONDUIT
- WM — = BLUE PAINT LINE APPARENT WATER LINE
- SAN — = GREEN PAINT LINE APPARENT SANITARY SEWER LINE
- GAS — = YELLOW PAINT LINE APPARENT GAS LINE
- COM — = ORANGE PAINT LINE APPARENT COMMUNICATION LINE
- STM — = GREEN PAINT LINE APPARENT STORM SEWER LINE

I HEREBY CERTIFY TO:
Main Street Engineering, that this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey is accurate and correct to the best of my knowledge and belief.

Odalys C Bello
c=US, o=Bello and Bello Land Surveying Corp., dnQualifier=A01410C000001884E3B67E8000DD40A, cn=Odalys C Bello
2023.09.11 10:18:55 -04'00'

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 • State of Florida
Field Work Date: 07/27/2023

Additions and deletions to this Survey Map are prohibited. This Survey Map and Report are not valid without the signature and original raised seal or without the authenticated electronic signature and seal of the undersigning Florida licensed Surveyor and Mapper.

BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@belloland.com • www.bellolandsurveying.com

Property Address:
200 Lincoln Road, Miami Beach, Florida 33139
Project No. 23259 D.B.: EO

8. Collins Ave & Lincoln Rd

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-023: COLLINS AVENUE (SR-A1A) & LINCOLN ROAD
MIB-024: COLLINS AVENUE (SR-A1A) & 16TH STREET

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

CITY MANAGER: ALINA T. HUDAK

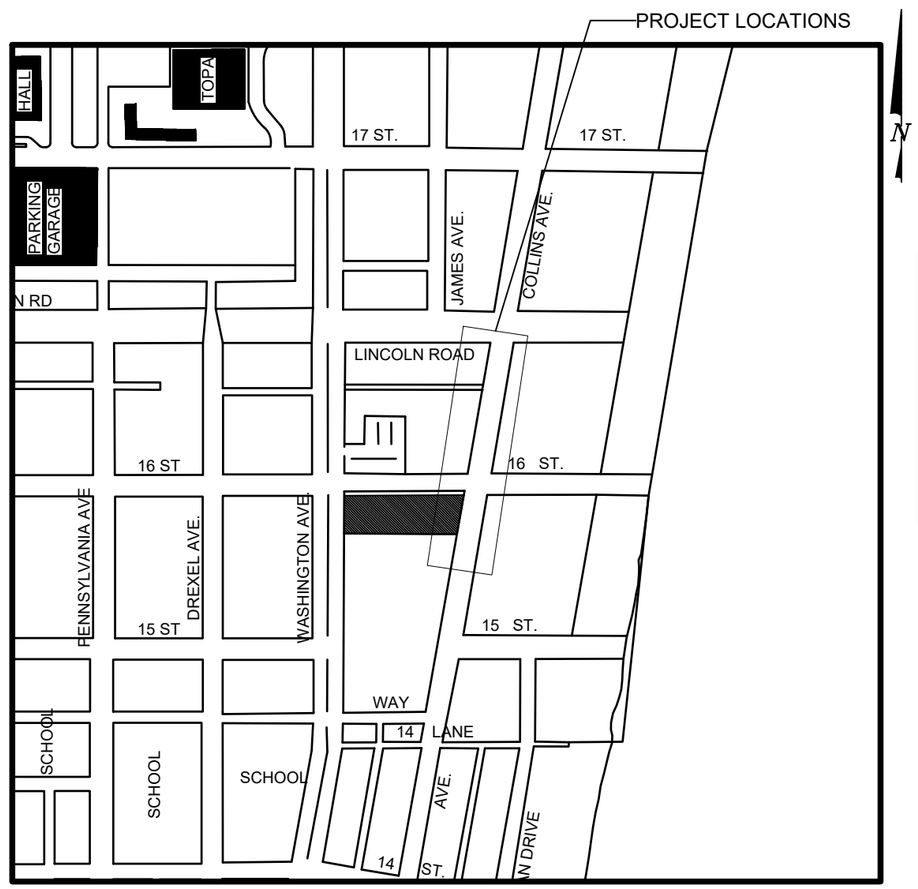
CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com



LOCATION MAP

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-023 ENGINEERING PLAN	
5	CIVIL	C1-03	KIOSK MIB-024 ENGINEERING PLAN	
6	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
7	ELECTRICAL	E1-01	KIOSK MIB-023 ELECTRICAL PLAN	
8	ELECTRICAL	E1-02	KIOSK MIB-024 ELECTRICAL PLAN	
9	SURVEY		KIOSK MIB-023 & MIB-024 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF TWO (2) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

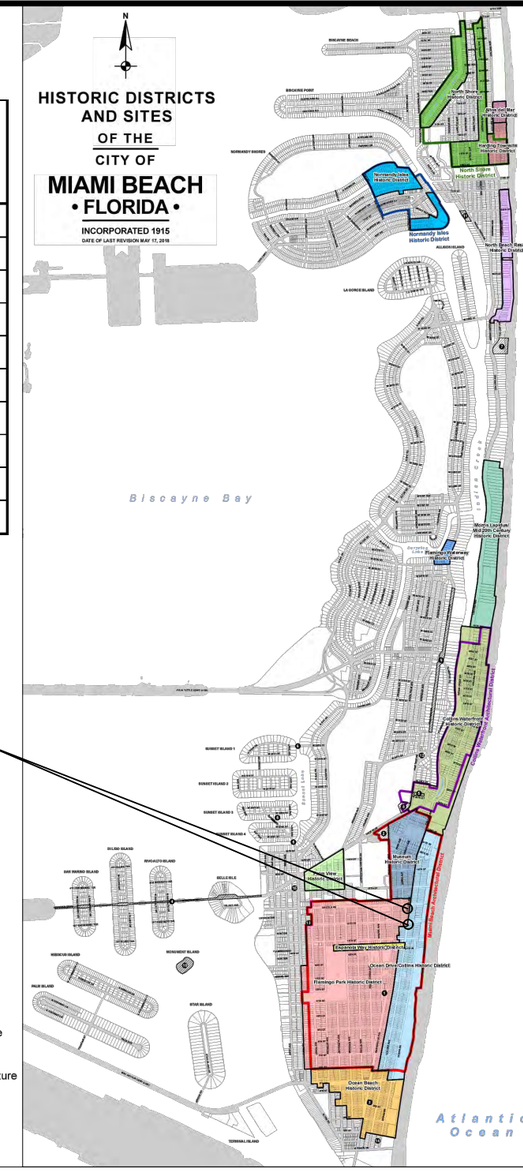
Work Order _____ Sheet 0 of 9 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-023 ENGINEERING PLAN	
5	CIVIL	C1-03	KIOSK MIB-024 ENGINEERING PLAN	
6	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
7	ELECTRICAL	E1-01	KIOSK MIB-023 ELECTRICAL PLAN	
8	ELECTRICAL	E1-02	KIOSK MIB-024 ELECTRICAL PLAN	
9	SURVEY		KIOSK MIB-023 & MIB-024 SITE SURVEY	

PROJECT LOCATIONS

MIB-023: FLAMINGO PARK HISTORIC DISTRICT
MIB-024: OCEAN DRIVE/COLLINS AVENUE HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS

- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS

- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES

1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

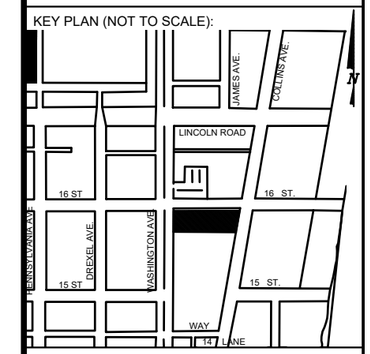
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
G = GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
GT = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: INDEX OF SHEETS

File Name: MIB-023 & MIB-024 - GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 9 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF TWO (2) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

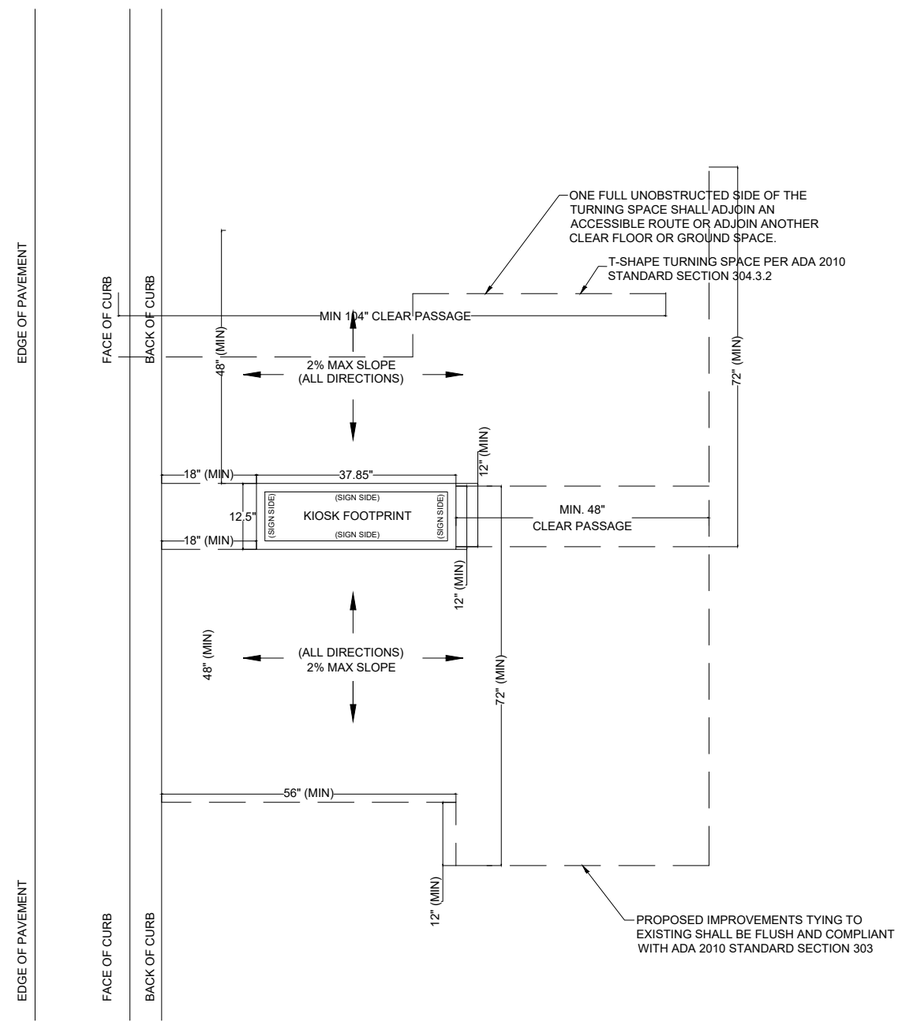
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

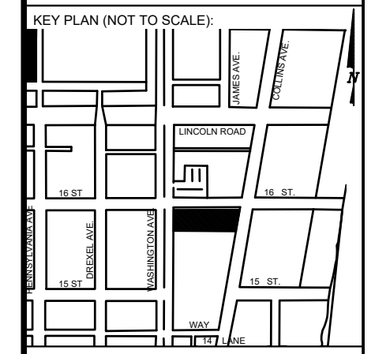
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

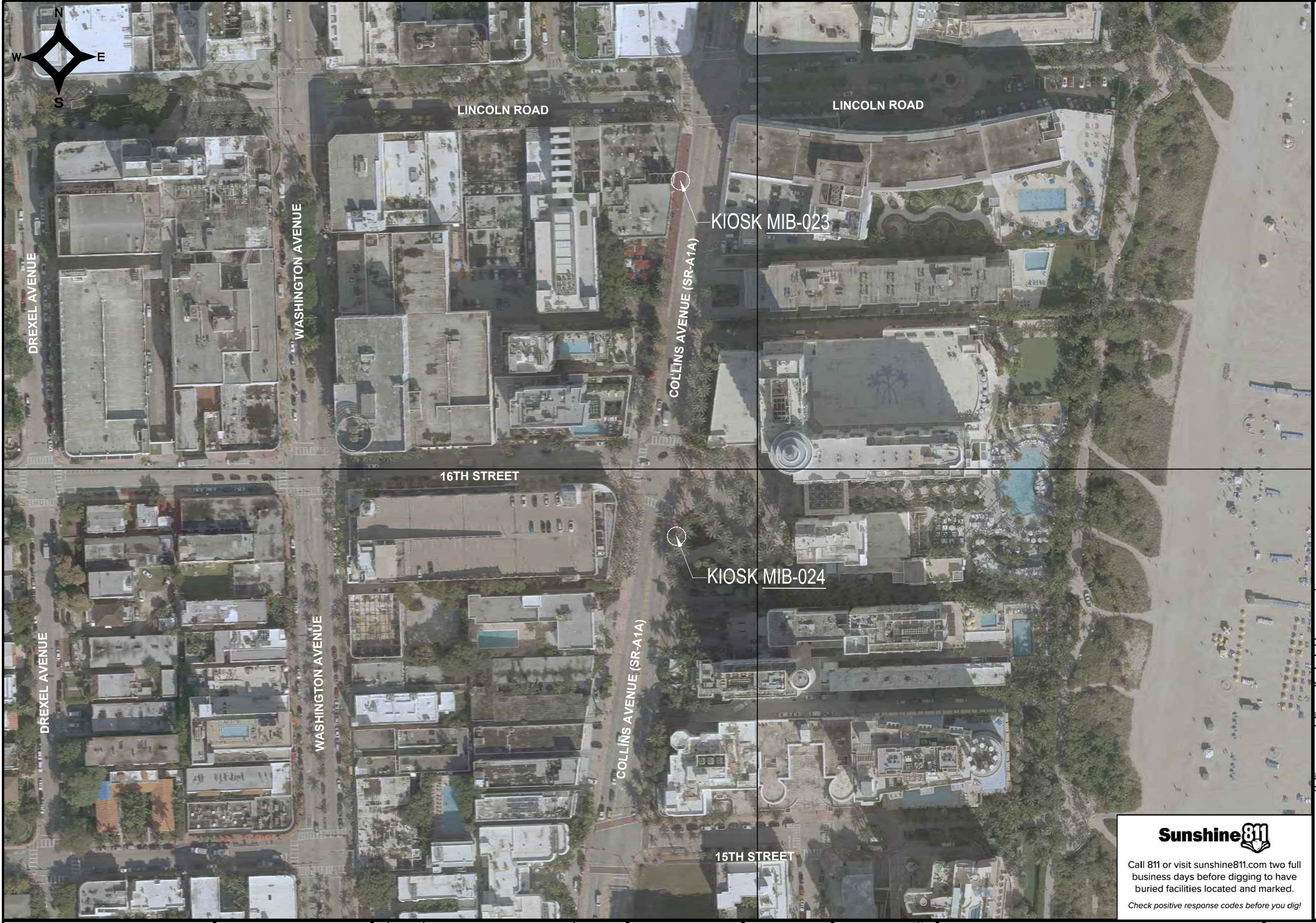
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

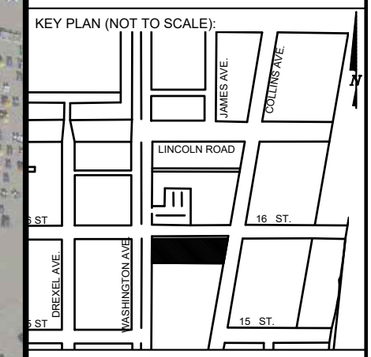
TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-023 & MIB-024 - GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 9 Drawing: G0-04



NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fac: (305) 676-8964
FL PE Certificate No.: 00006731

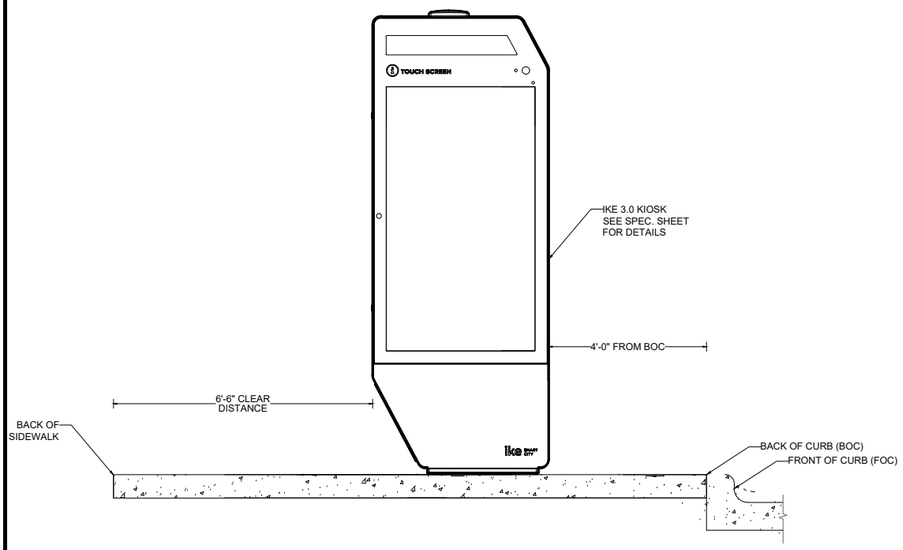
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

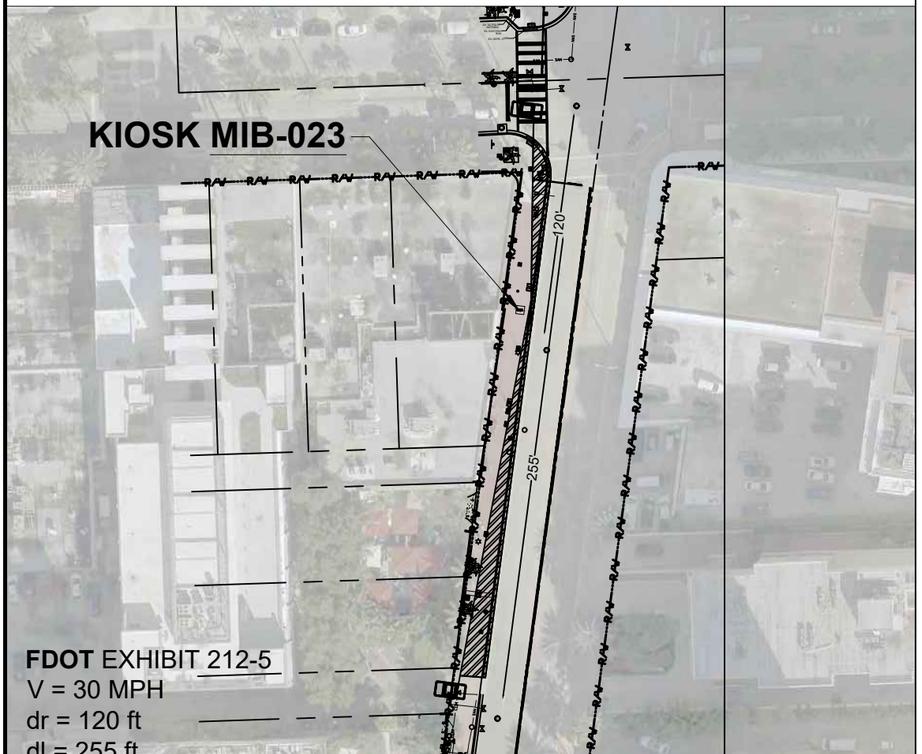
TITLE: CIVIL SITE PLAN

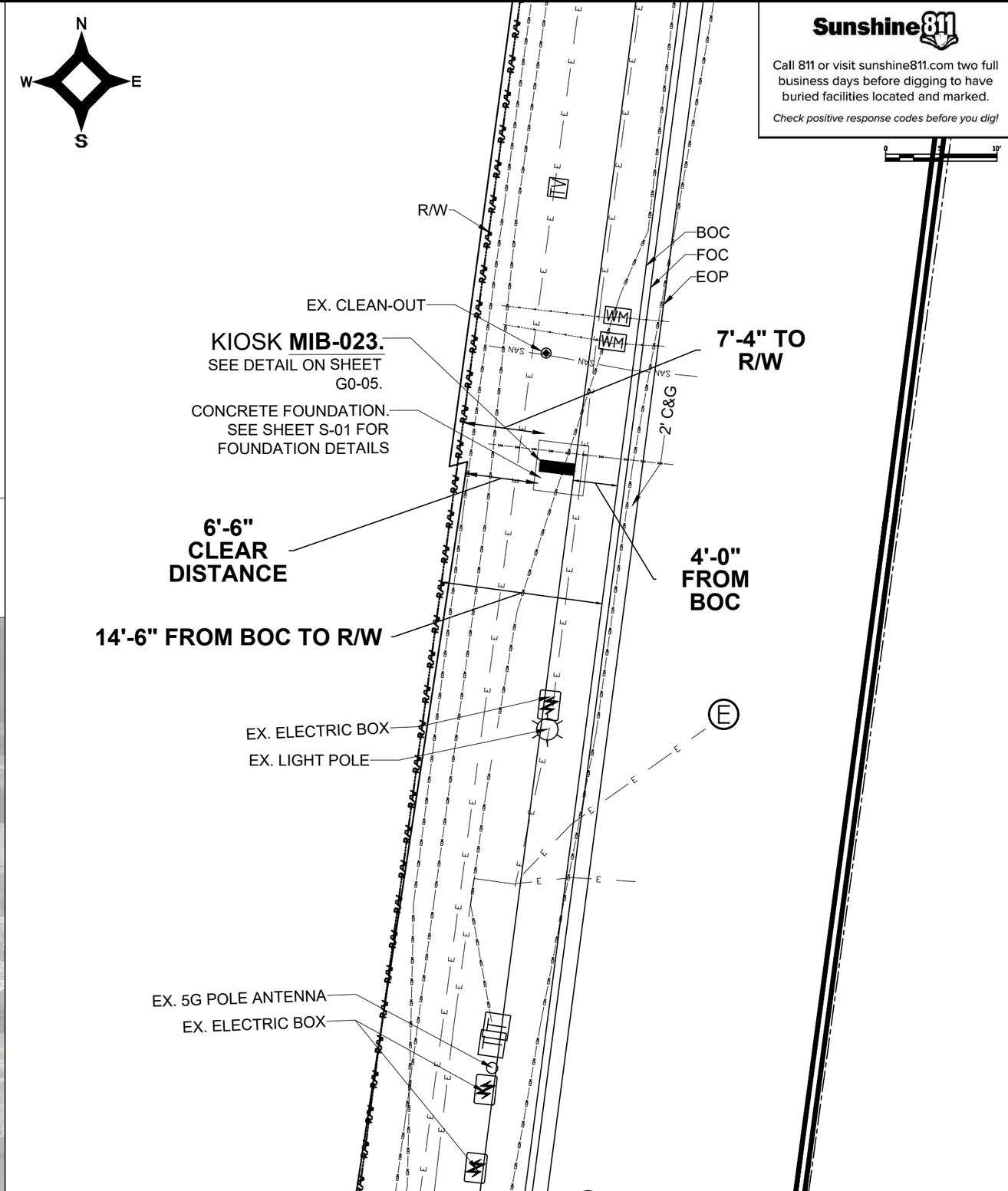
File Name: MIB-023 & MIB-024 - CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 9 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-40"





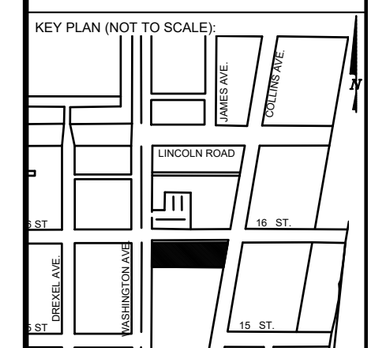
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

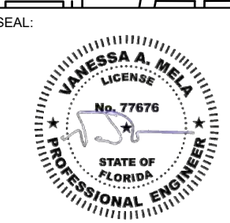
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 406-3005 Fax: (305) 676-5964
FL PE Certificate No.: 00006731

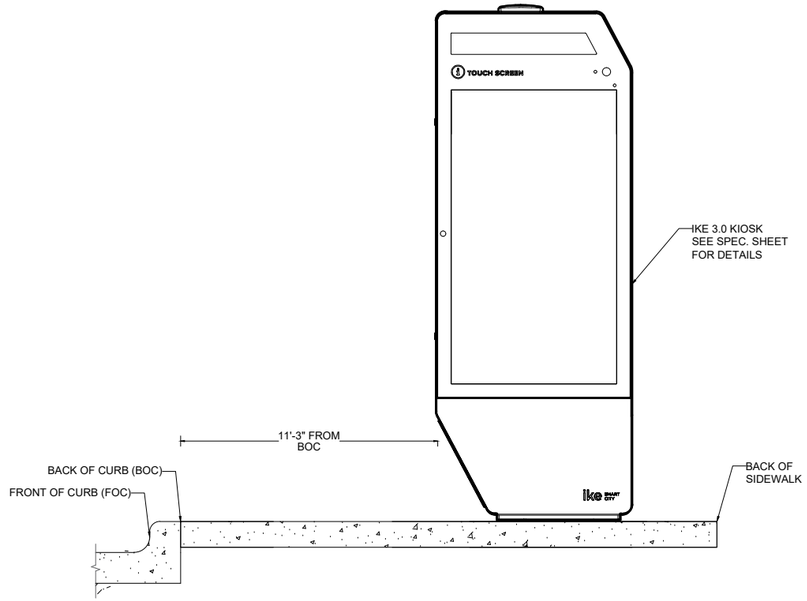
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

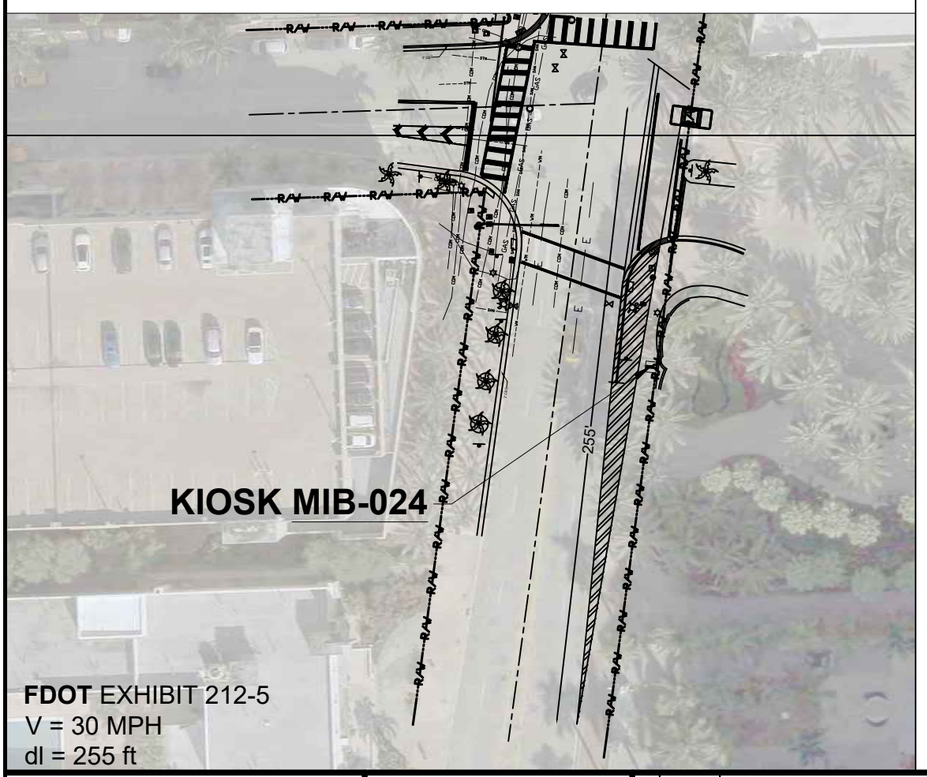
TITLE: KIOSK MIB-023 ENGINEERING PLAN

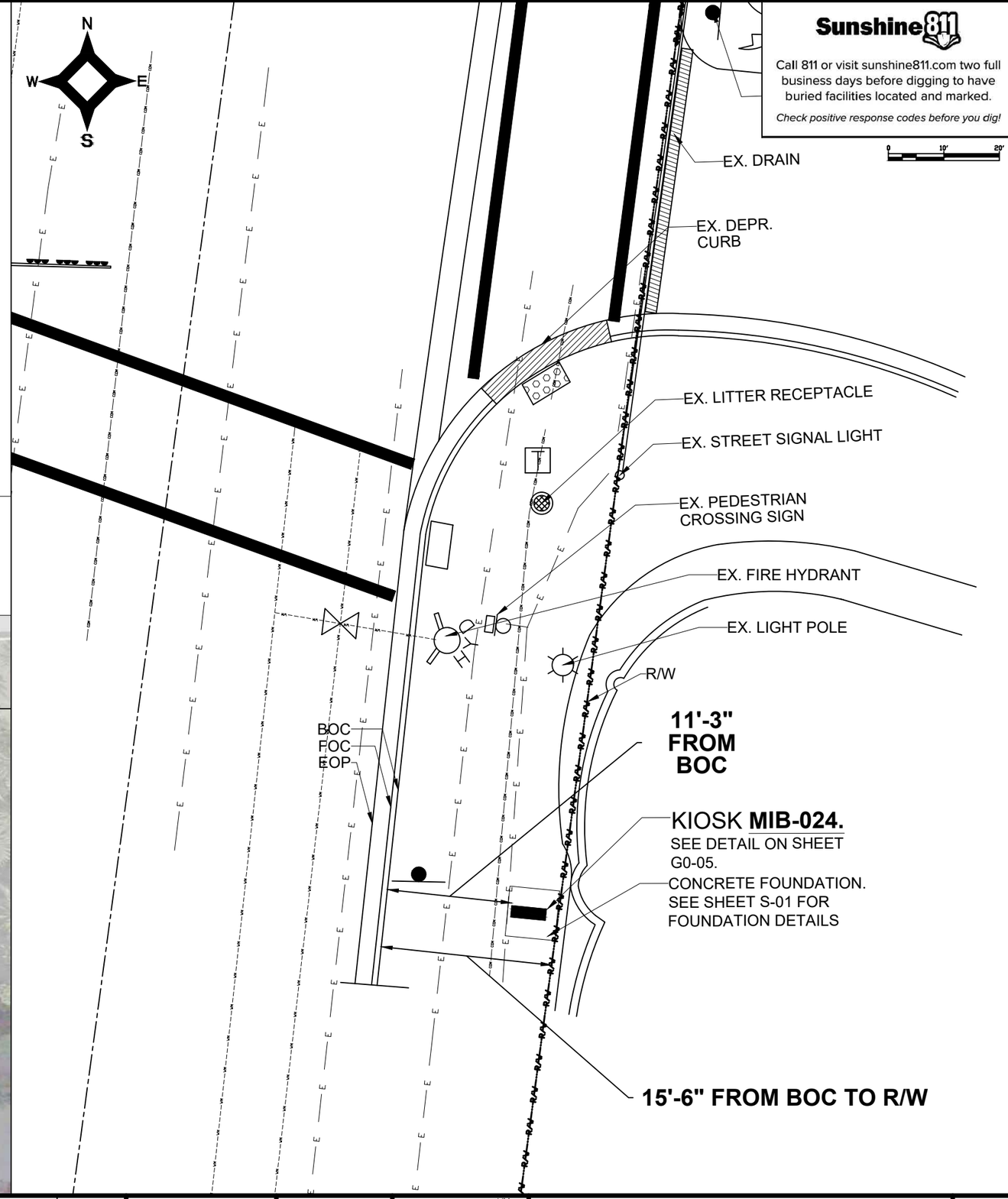
File Name: MIB-023 & MIB-024 - CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 9 Drawing: C1-02



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

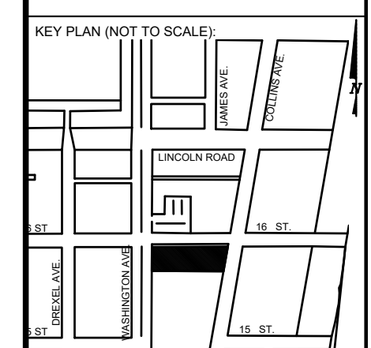
SCALE: 1'-30"



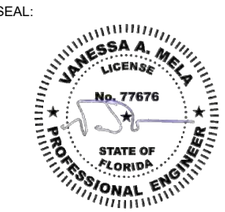


NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTIÑEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3055 - Fax: (305) 676-5984
FL PE Certificate No.: 00006731

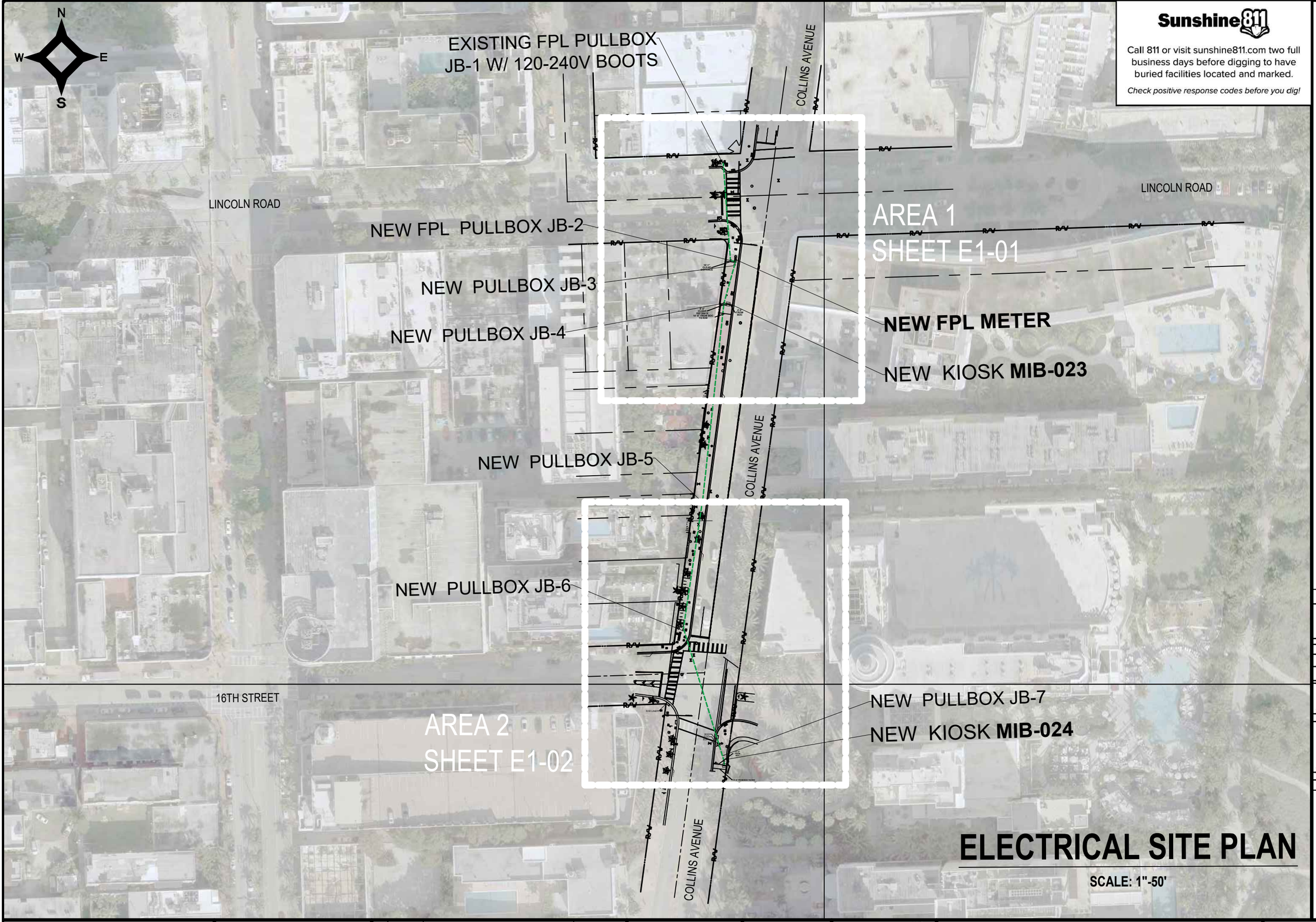
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: KIOSK MIB-024 ENGINEERING PLAN

File Name: MIB-023 & MIB-024 - CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 9 Drawing: C1-03



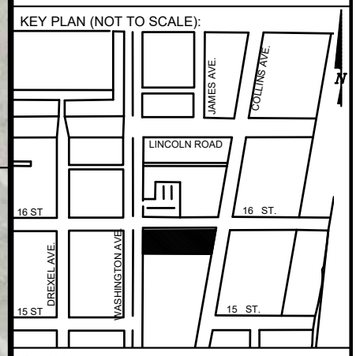
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

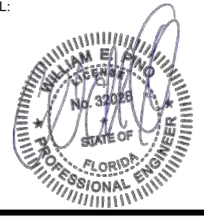
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



ELECTRICAL SITE PLAN

SCALE: 1"-50'

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3005 , Fax: (305) 676-8464
FL PE Certificate No.: 00008731

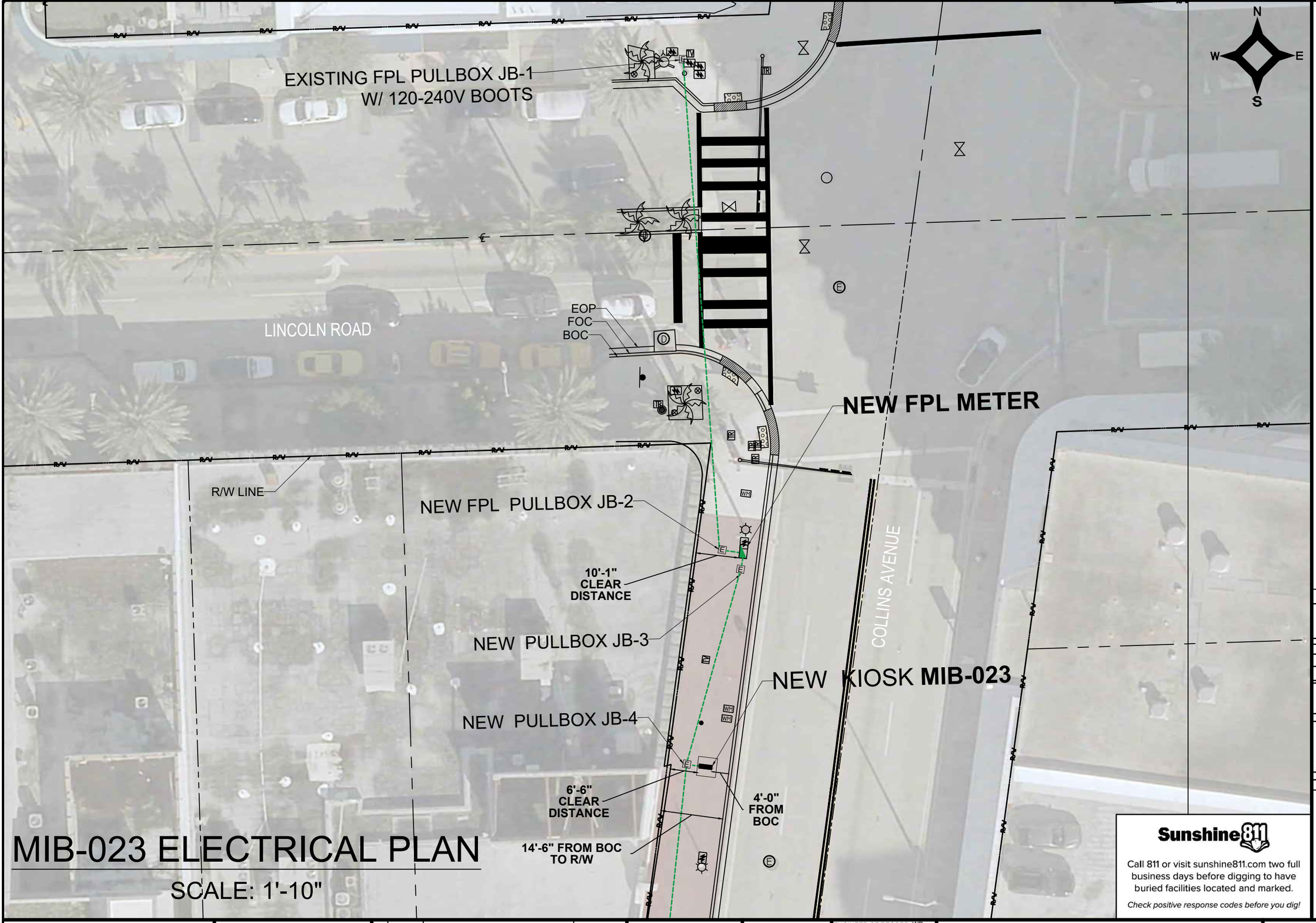
ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=50'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: ELECTRICAL SITE PLAN

File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 6 of 9 Drawing: E0-01

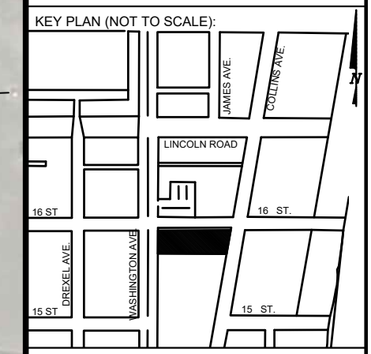


MIB-023 ELECTRICAL PLAN

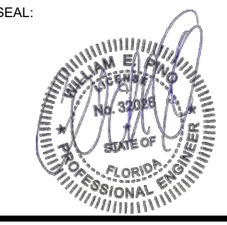
SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00006731

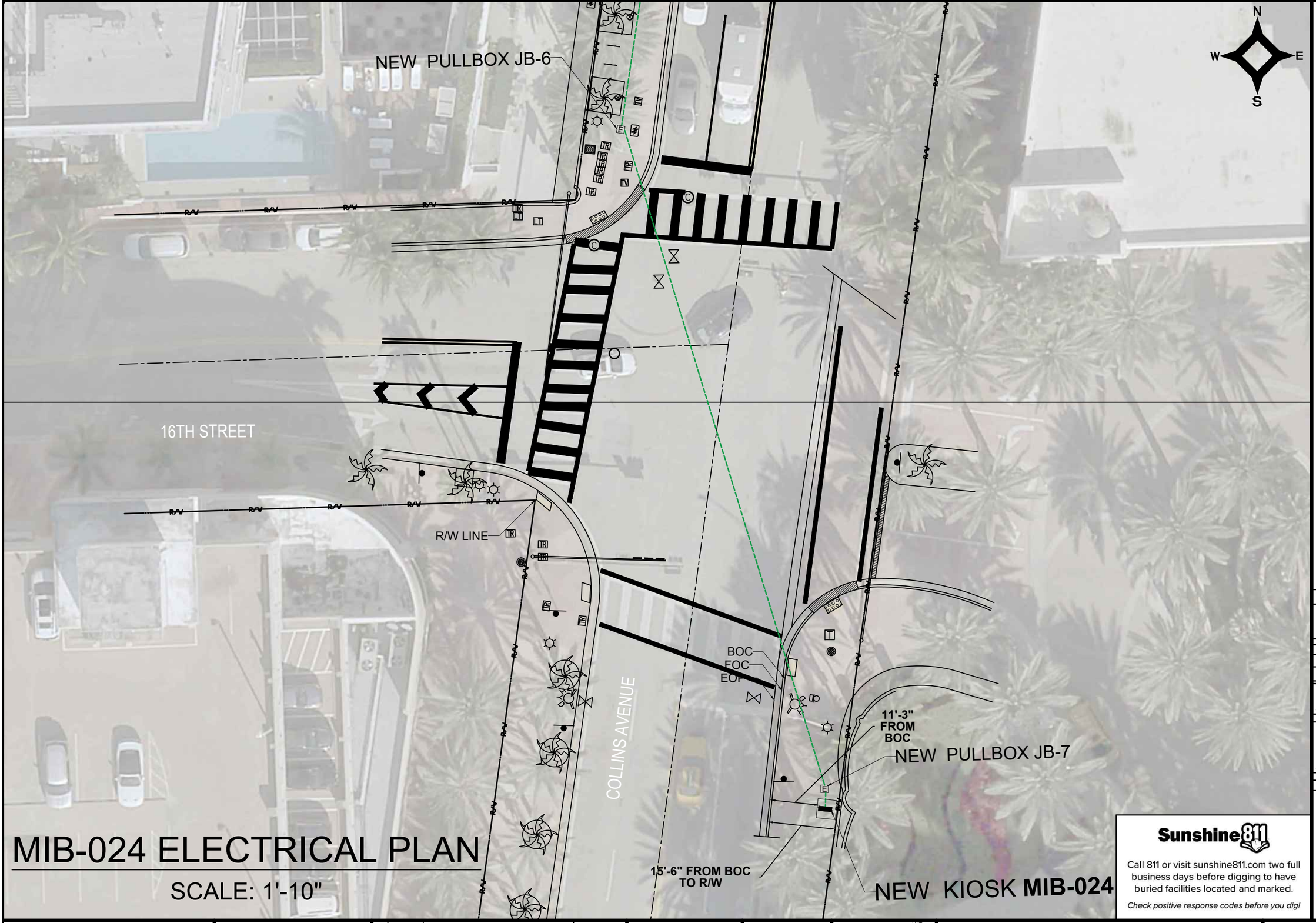
ENGINEER OF RECORD:
WILLIAM E. PINO,
P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

TITLE: KIOSK MIB-023 ELECTRICAL PLAN

File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 7 of 9 Drawing: E1-01

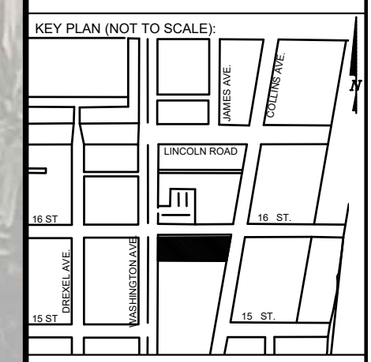


MIB-024 ELECTRICAL PLAN

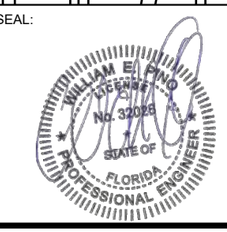
SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 - Fax: (305) 676-8964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET

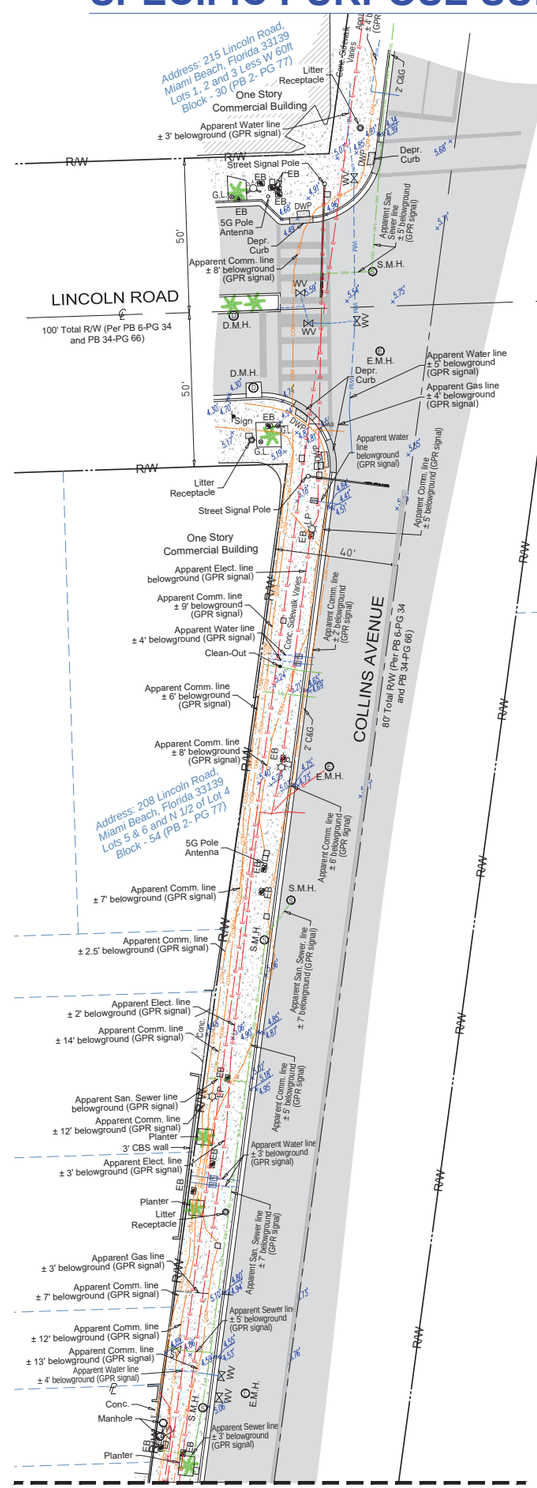
TITLE: KIOSK MIB-024 ELECTRICAL PLAN

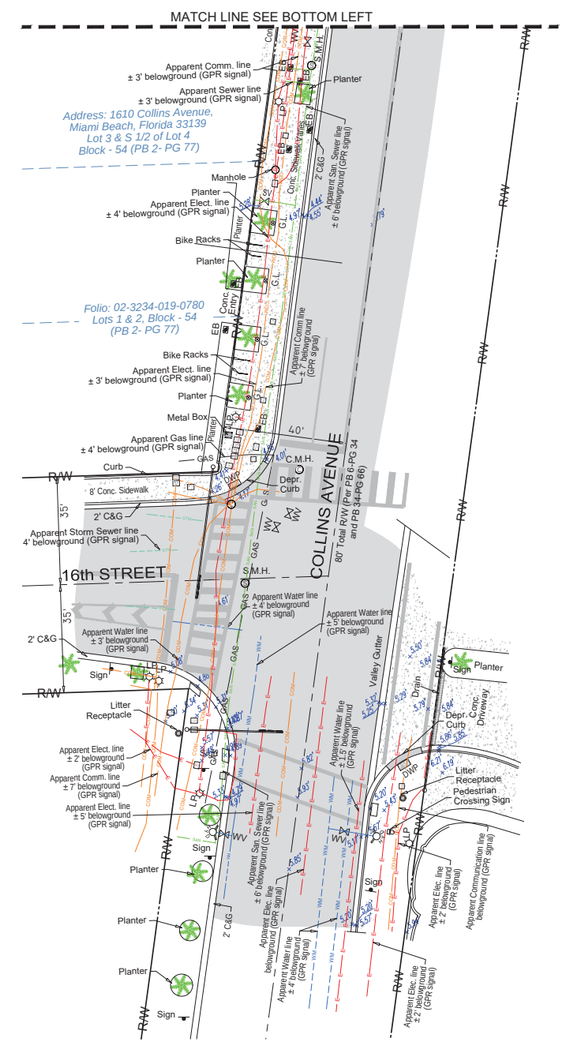
File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 8 of 9 Drawing: E1-02

SPECIFIC PURPOSE SURVEY

LOCATION MAP

Not to Scale





0 15 30
SCALE: 1" = 30'

LEGEND & ABBREVIATIONS

- = CONCRETE (CONC.)
- = CONCRETE BLOCK WALL
- = WOOD DECK
- = COVERED AREA
- = ASPHALT
- = TILE
- = PAVERS
- = DETECTABLE WARNING PAD (DWP)
- = CHAIN LINK FENCE (CLF)
- = WOOD FENCE (WF)
- = IRON METAL BARS FENCE (IF)
- = OVERHEAD WIRES
- = SEWER VALVE (S.V.)
- = POWER POLE (PP)
- = GUY ANCHOR
- = WATER METER (WM)
- = CONC. LIGHT POLE (LP)
- = ELECTRIC BOX (EB)
- = GARDEN LIGHT (G.L.)
- = STREET SIGN
- = SANITARY MANHOLE
- = DRAINAGE MANHOLE
- = ELECTRIC MANHOLE (E.M.H.)
- = CABLE MANHOLE (C.M.H.)
- = FIRE HYDRANT
- = BOX TELEPHONE
- = CABLE BOX (CATV)
- = TRAFFIC BOX
- = STREET LIGHT BOX
- = CATCH BASIN OR INLET
- = EXISTING ELEVATION
- = PALM (NO IDENTIFIED)
- = TREE (NO IDENTIFIED)

PT	= POINT OF TANGENCY
PC	= POINT OF CURVATURE
PCC	= POINT OF COMPOUND CURVE
PRC	= POINT OF REVERSE CURVE
BM	= BENCH MARK
BR	= BEARING REFERENCE
DWP	= DETECTABLE WARNING PAD
DEPR.	= DEPRESSED
⅊	= PROPERTY LINE
℄	= CENTER LINE
⅏	= BASE LINE
PSM	= PROFESSIONAL SURVEYOR AND MAPPER
C&G	= CURB & GUTTER
GA	= GUY ANCHOR
ENCR	= ENCROACHEMENT
VG	= VALLEY GUTTER
(XX-XX)	= DENOTES PLAT BOOK XX - PAGE XX
ORB	= OFFICIAL RECORD BOOK
CBS	= CONCRETE BLOCK STRUCTURE
R/W	= RIGHT OF WAY
ELEV	= ELEVATION
SEC	= SECTION
T	= TOWNSHIP
R	= RANGE
(M)	= FIELD MEASURED
(C)	= CALCULATED
(R)	= RECORD
(P)	= PER PLAT

SURVEYOR'S REPORT AND GENERAL NOTES
(Not valid without the attached Survey Map)

1. This is not a Boundary Survey.
2. These lands are subject to additional restrictions of record that were not furnished to the undersigning registered surveyor. A title search has not been performed by the surveyor.
3. North arrow direction is based on an assumed Meridian. Bearings are based on an assumed meridian on a well-established line, said line is being noted as BR on the Survey Map.
4. Only above ground improvements are shown herein. Foundations, underground features and utilities have not been located by this surveyor. Refer to SUE effort notes below.
5. Survey markers found in the field have no identification unless otherwise shown. Any survey marker set by our company is labeled LB 7262 or PSM 6169.
6. This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
7. This Survey Map is being prepared for the use of the party/parties that it is certified to and does not extend to any unnamed individual, entity or assignee.
8. **FLOODPLAIN INFORMATION:** As scaled from Federal Insurance Rate Map (FIRM) of Community No. 120651 (City of Miami Beach), Panel 0317, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "AE" with Base Flood Elevation 8 feet (NGVD 1929)
9. **HORIZONTAL ACCURACY:** Accuracy obtained thru measurements and calculations meets and exceeds the minimum horizontal feature accuracy for a Suburban area being equal to 1 foot in 7, 500 feet.
10. **VERTICAL CONTROL AND ACCURACY:** The elevations as shown are referred to the National American Vertical Datum of 1988 (NAVD 1988). The closure in feet, as computed, meets the standard of plus or minus 0.05 feet times the squared root of the loop distance in miles. Elevation are based on a level loop from and to the following official Bench Marks:
    Bench Mark # 1: City Miami Beach Bench Mark CMB W 16, Elevation = 4.00 feet (NAVD'88)
    Description: PK nail & washer @ Northeast quadrant of intersection Washington Avenue and 16th Street.
    Bench Mark # 2: City Miami Beach Bench Mark CMB 16 02R, Elevation = 2.03 feet (NAVD'88)
    Description: PK nail & washer @ Northwest quadrant of intersection Pennsylvania Avenue & 16th Street.
11. **SUE NOTES:**
    Subsurface Utility investigation was performed by South Florida Utility Location Services using GPR (Ground Penetrating Radar) and RD (Radiodetection Technology) for designation and location of underground facilities. The horizontal accuracy of this method is +/- 1.5 feet approximately, and is subject to equipment limitations. This Survey depicts the location of the marks indicating the approximate location of the buried pipes and conduits. There might be additional underground facilities not discovered at the time of this survey. Underground utility references as shown on this survey drawing is solely based on information marked on the field by South Florida Utility Location Services for this project. Contact information below:

    South Florida Utility Location Services
    15323 SW 31st Terrace, Miami, Florida 33185
    (786) 547 9086 Office, Emai: rogerh@sf-uls.com, Contact Person: Roger Hasbani

    Surveyor is not responsible for any errors or omissions that could arise from the information provided. Call 811 or visit www.sunshine811.com before digging.

- E — = RED PAINT LINE APPARENT ELECTRIC CONDUIT
- WM — = BLUE PAINT LINE APPARENT WATER LINE
- SAN — = GREEN PAINT LINE APPARENT SANITARY SEWER LINE
- GAS — = YELLOW PAINT LINE APPARENT GAS LINE
- COM — = ORANGE PAINT LINE APPARENT COMMUNICATION LINE
- STM — = GREEN PAINT LINE APPARENT STORM SEWER LINE

I HEREBY CERTIFY TO:
Main Street Engineering, that this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey is accurate and correct to the best of my knowledge and belief.

Odalys C Bello
c=US, o=Bello and Bello Land Surveying Corp., dnQualifier=A01410C000001884E3B67E8000DD40A, cn=Odalys C Bello
2023.09.11 10:18:55 -04'00'

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 • State of Florida
Field Work Date: 07/27/2023

Additions and deletions to this Survey Map are prohibited. This Survey Map and Report are not valid without the signature and original raised seal or without the authenticated electronic signature and seal of the undersigning Florida licensed Surveyor and Mapper.

BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@belloland.com • www.bellolandsurveying.com

Property Address:
200 Lincoln Road, Miami Beach, Florida 33139
Project No. 23259 D.B.: EO

9. Collins Ave & 16th Street

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-007: OCEAN DRIVE & 14TH PLACE

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

LOCATION MAP

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	MIB-007 ENGINEERING PLAN	
5	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
6	ELECTRICAL	E1-01	KIOSK MIB-007 ELECTRICAL PLAN	
7	ELECTRICAL	E1-02	SERVICE POINT ELECTRICAL PLAN	
8	SURVEY		KIOSK MIB-007 SITE SURVEY	
9	SURVEY		SERVICE POINT SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

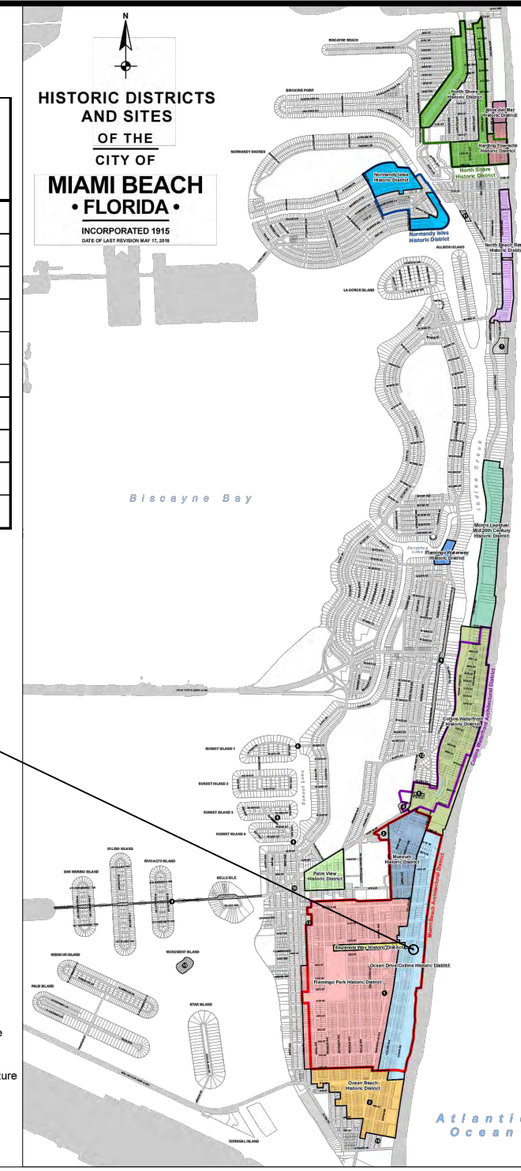
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 9 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	MIB-007 ENGINEERING PLAN	
5	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
6	ELECTRICAL	E1-01	KIOSK MIB-007 ELECTRICAL PLAN	
7	ELECTRICAL	E1-02	SERVICE POINT ELECTRICAL PLAN	
8	SURVEY		KIOSK MIB-007 SITE SURVEY	
9	SURVEY		SERVICE POINT SITE SURVEY	

PROJECT LOCATION
OCEAN DRIVE/COLLINS AVENUE HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

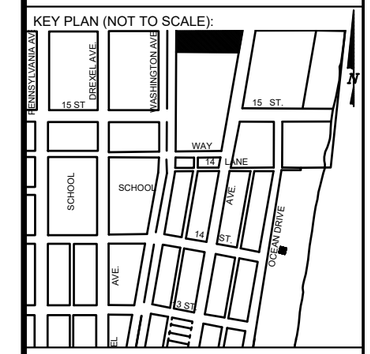
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

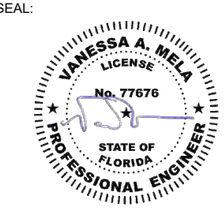
- = PALM TREE
- = TREE
- = ORNAMENTAL TREE
- O.R.B. = OFFICIAL RECORDS BOOK
- PG. = PAGE
- ELEV. = ELEVATION
- TYP. = TYPICAL
- CATV = CABLE TELEVISION
- OHE = OVERHEAD ELECTRIC LINE
- X 0.00 = SPOT ELEVATION
- CONC. = CONCRETE
- C.B.S. = CONCRETE BLOCK STUCCO
- C.L.F. = CHAIN LINK FENCE
- W.F. = WOOD FENCE
- M.F. = METAL FENCE
- RCP = REINFORCED CONCRETE PIPE
- FF = FINISH FLOOR
- (R) = RECORD
- (C) = CALCULATED
- (M) = MEASURE
- LB = LICENSE BUSINESS
- L = LENGTH
- Δ = CENTRAL ANGLE
- R = RADIUS
- T = TANGENT
- PT = POINT OF TANGENCY
- PC = POINT OF CURVATURE
- STA. = STATION
- PI = POINT OF INTERSECTION
- ID = IDENTIFICATION
- MLP = METAL LIGHT POLE
- CLP = CONCRETE LIGHT POLE
- R/W = RIGHT-OF-WAY
- P.B. = PLAT BOOK
- = SECTION LINE
- = CENTERLINE
- = BASELINE
- = MONUMENT LINE
- TR = TRAFFIC SIGNAL BOX
- TR = TRAFFIC SIGNAL CABINET
- = BOLLARD
- = PEDESTRIAN SIGNAL
- = TRAFFIC SIGNAL MAST ARM
- = SIGN
- TV = CABLE TELEVISION BOX
- = LIGHT POLE
- E = ELECTRIC BOX
- = UTILITY POLE
- T = ELECTRIC TRANSFORMER
- = GUY ANCHOR
- E = ELECTRIC MANHOLE
- E = ELECTRIC METER
- = GAS VALVE
- G = GAS UTILITY BOX
- G = GAS MANHOLE
- G = GAS TANK
- G = GAS METER
- C = COMMUNICATION BOX
- C = COMMUNICATION MANHOLE
- = GARBAGE RECEPTACLE
- = HANDICAP PARKING SPACE
- W = WATER METER
- = IRRIGATION VALVE
- = WATER VALVE
- = FIRE HYDRANT
- W = WATER BOX
- = WATER CONNECTION
- W = WATER MANHOLE
- W = WATER TANK
- = WATER WELL
- = WATER MARKING FLAG
- = WATER MARKING SIGN
- D = STORM MANHOLE
- D = STORM METER
- = CATCH BASIN
- T = TELEPHONE MANHOLE
- T = TELEPHONE BOX
- N = NEWSPAPER DISPENSER
- = MAILBOX
- S = SANITARY MANHOLE
- S = SANITARY BOX
- S = SANITARY TANK
- S = SANITARY LIFT STATION
- GT = GREASE TRAP MANHOLE
- = CLEANOUT
- = PARKING METER
- F = FIBER OPTIC BOX
- = FIBER OPTIC MARKER SIGN
- = MONITORING WELL
- = FUEL TANK
- U = UNKNOWN UTILITY BOX
- U = UNKNOWN UTILITY METER
- U = UNKNOWN UTILITY MANHOLE
- U = UNKNOWN UTILITY VALVE
- U = UNKNOWN UTILITY MARKER FLAG
- S = SANITARY VALVE
- = RAILROAD SIGN
- = FLAGPOLE
- P = PROPERTY LINE
- = ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE: INDEX OF SHEETS

File Name: MIB-007-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 9 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

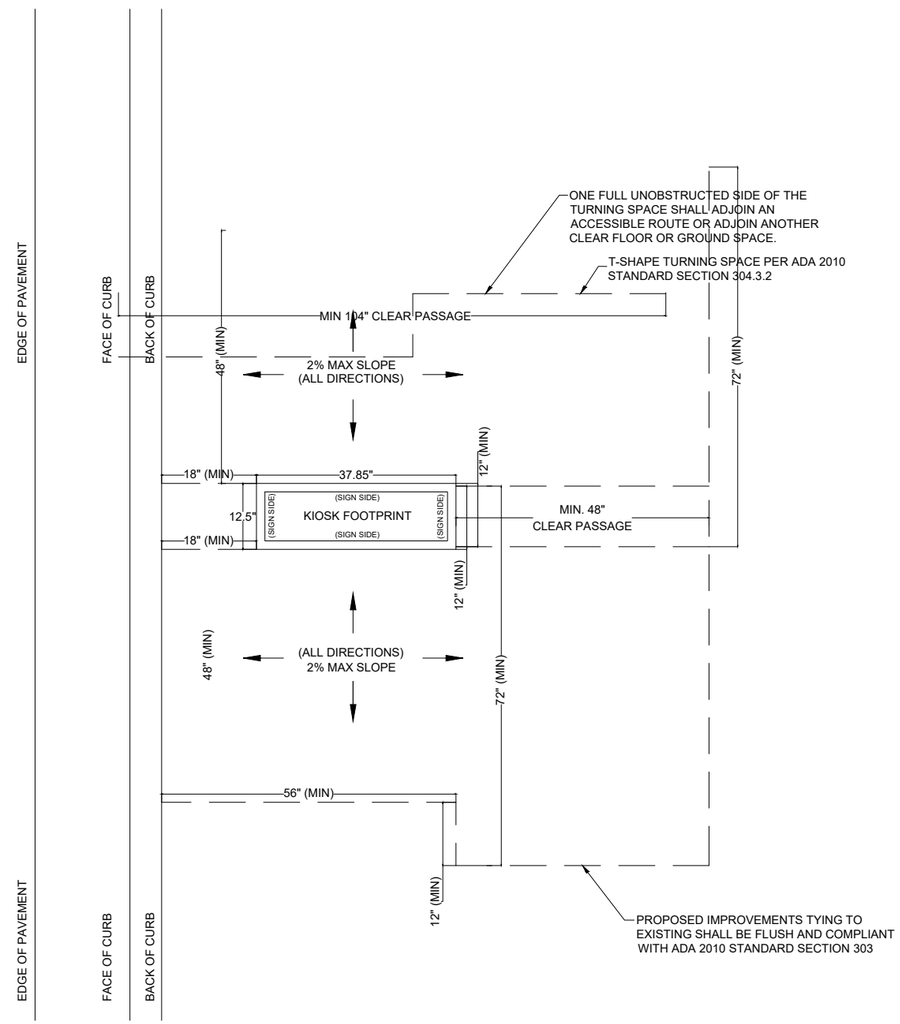
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

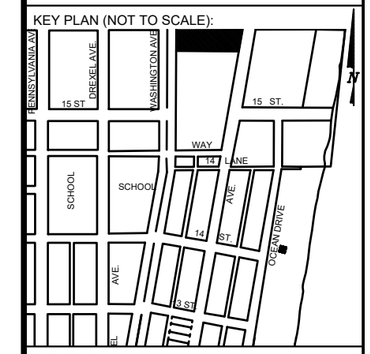
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

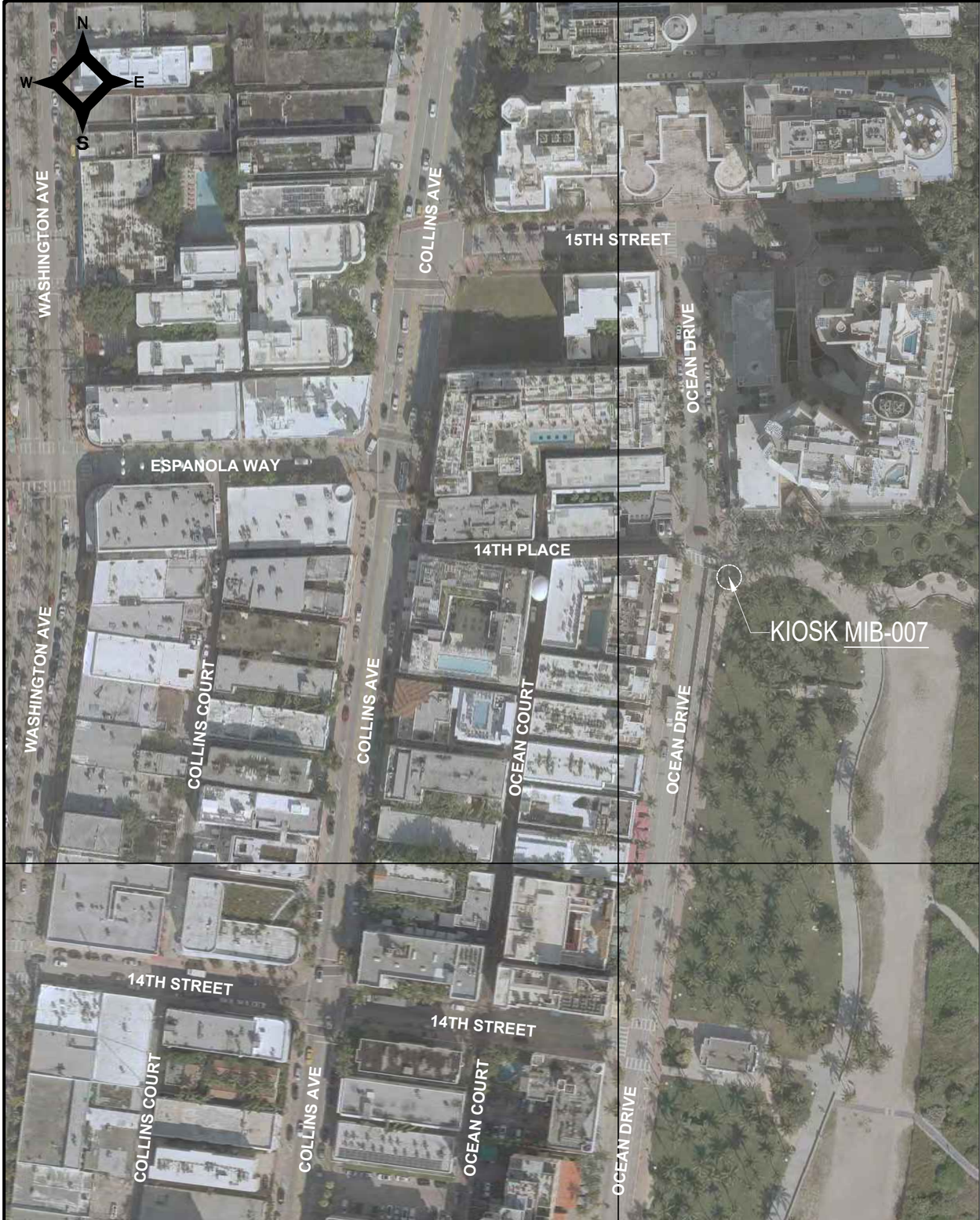
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-007-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 9 Drawing: G0-04



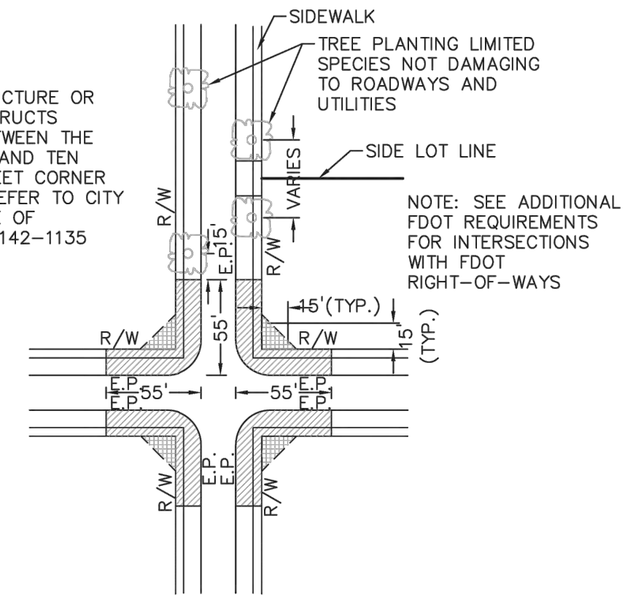
LEGEND

AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142–1135

NO PLANTING OR STRUCTURE PERMITTED WITHIN THESE LIMITS WHICH OBSTRUCTS TRAFFIC VISIBILITY.

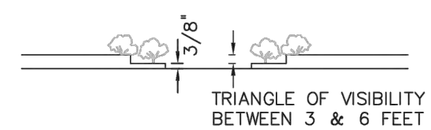
E.P. EDGE OF PAVEMENT

R/W RIGHT OF WAY



NOTE: SEE ADDITIONAL FDOT REQUIREMENTS FOR INTERSECTIONS WITH FDOT RIGHT–OF–WAYS

PLAN VIEW
N.T.S.



TRIANGLE OF VISIBILITY BETWEEN 3 & 6 FEET

ELEVATION VIEW
N.T.S.

NOTES:

1. AT INTERSECTIONS WITH ALL–WAY STOP CONTROL, THE FIRST STOPPED VEHICLE ON ONE APPROACH SHOULD BE VISIBLE TO THE DRIVERS OF THE FIRST STOPPED VEHICLES ON EACH OF THE OTHER APPROACHES. THERE ARE NO OTHER SIGHT DISTANCE CRITERIA APPLICABLE TO INTERSECTIONS WITH ALL–WAY STOP CONTROL AND, INDEED, ALL–WAY CONTROL MAY BE THE BEST OPTION AT A LIMITED NUMBER OF INTERSECTIONS WHERE SIGHT DISTANCE FOR OTHER CONTROL TYPES CANNOT BE ATTAINED.

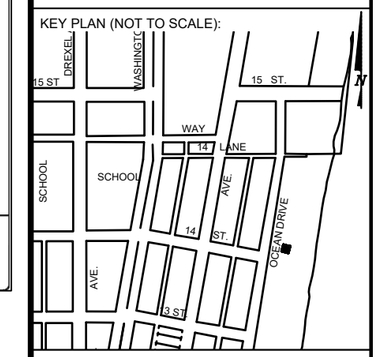
2. FOR TWO–WAY STOP INTERSECTIONS, SIGHT DISTANCE CRITERIA FOR STOP CONTROLLED INTERSECTIONS ARE LONGER THAN STOPPING SIGHT DISTANCE TO ENSURE THAT THE INTERSECTION OPERATES SMOOTHLY. MINOR– ROAD VEHICLE OPERATORS CAN WAIT UNTIL THEY CAN PROCEED SAFELY WITHOUT A MAJOR–ROAD VEHICLE TO STOP.

MIAMIBEACH PUBLIC WORKS DEPARTMENT 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139	APPROVED	REVISED 07/2020 09/2020	TITLE: SIGHT RESTRICTIONS AT INTERSECTIONS WITH NO DEDICATED RADII	DETAIL 10-26

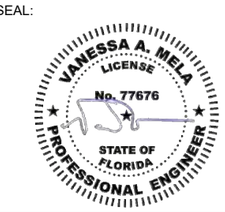
SIGHT TRIANGLE CLEARANCE

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456–3000 , Fax: (305) 676–8864
FL PE Certificate No.: 00008731

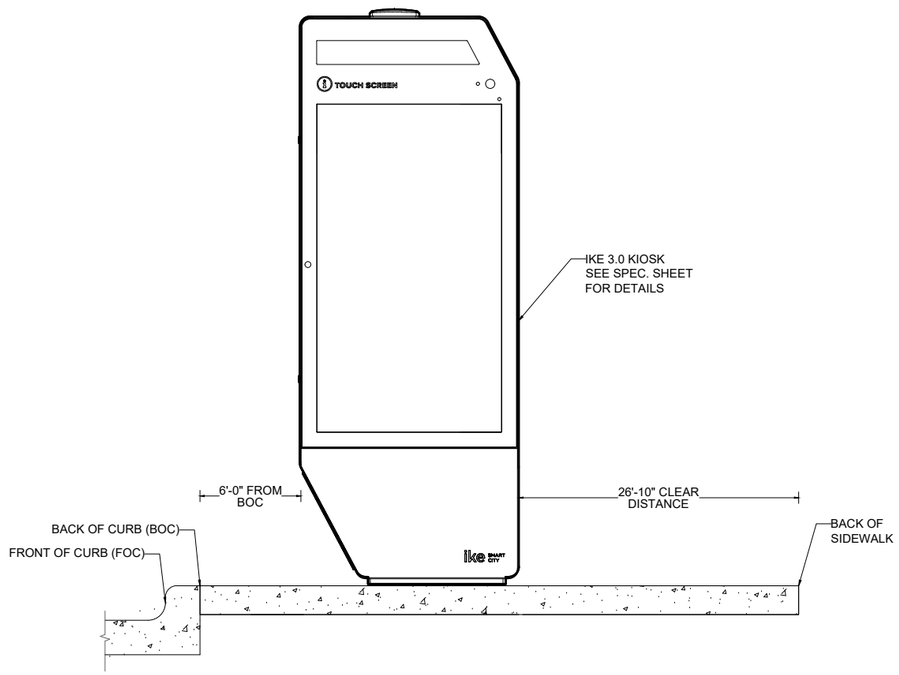
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

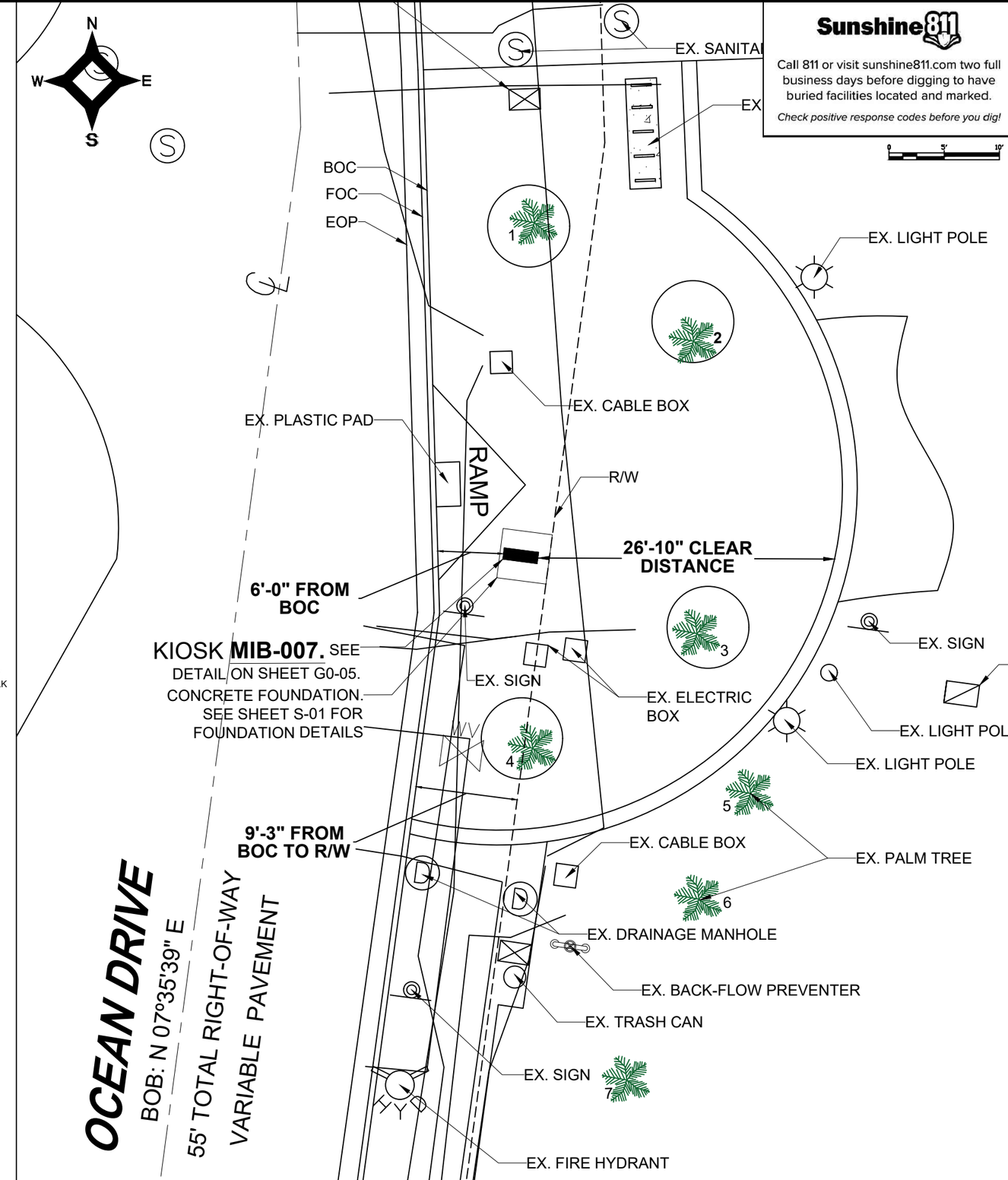
ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE: CIVIL SITE PLAN

File Name: MIB-007-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 9 Drawing: C1-01





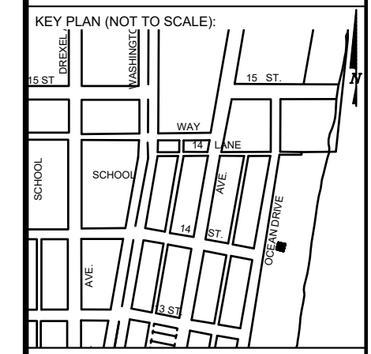
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 406-3505 - Fax: (305) 676-5964
FL PE Certificate No.: 00006731

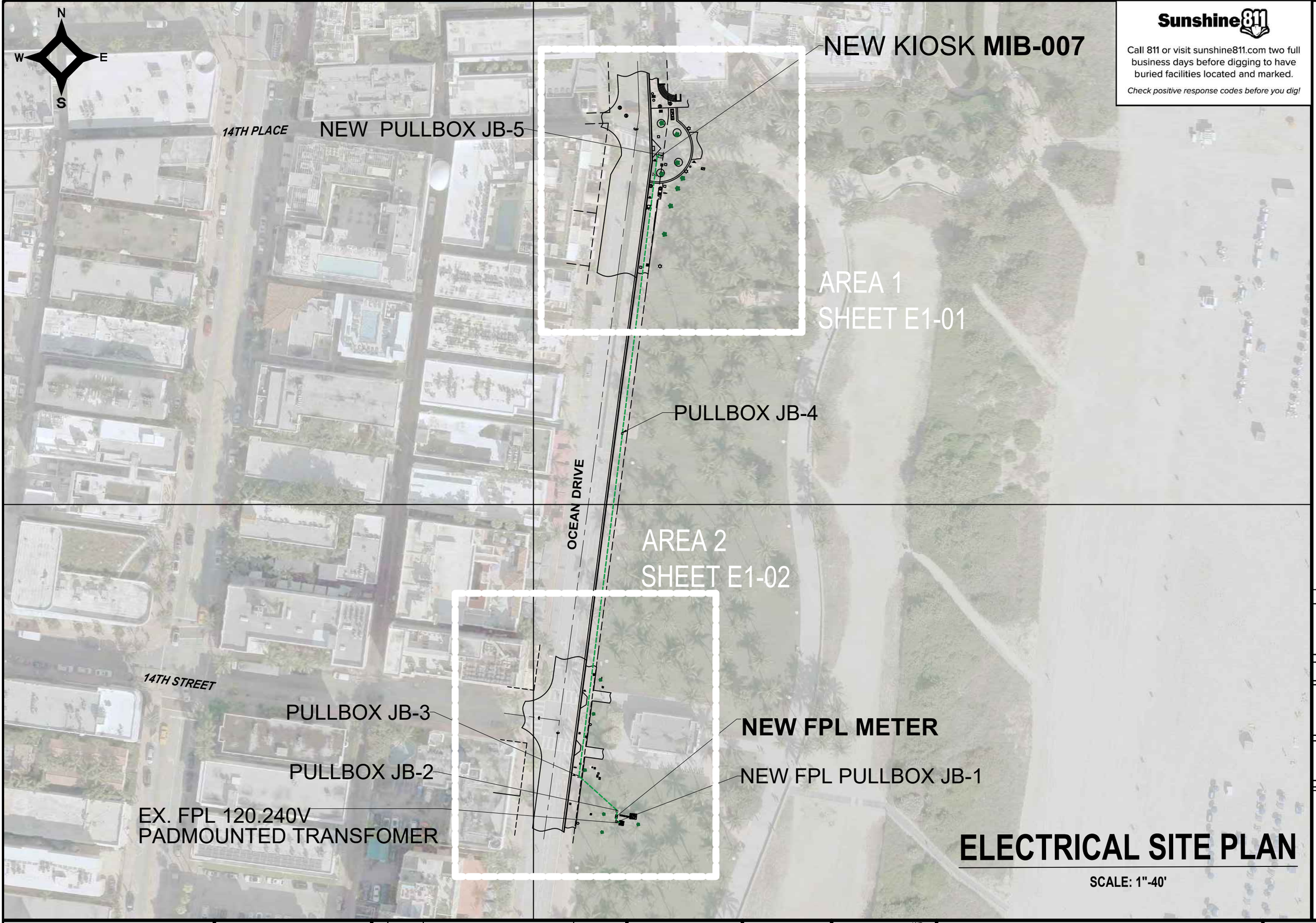
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE:
KIOSK MIB-007 ENGINEERING PLAN

File Name: MIB-007-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 9 Drawing: C1-02



ELECTRICAL SITE PLAN

SCALE: 1"-40'

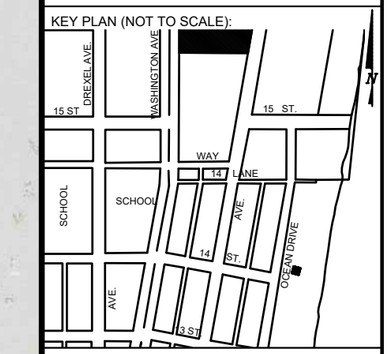
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

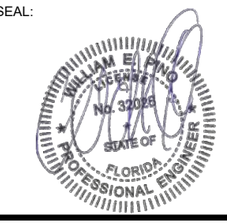
Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3006 - Fax: (305) 676-3664
FL PE Certificate No.: 00008731

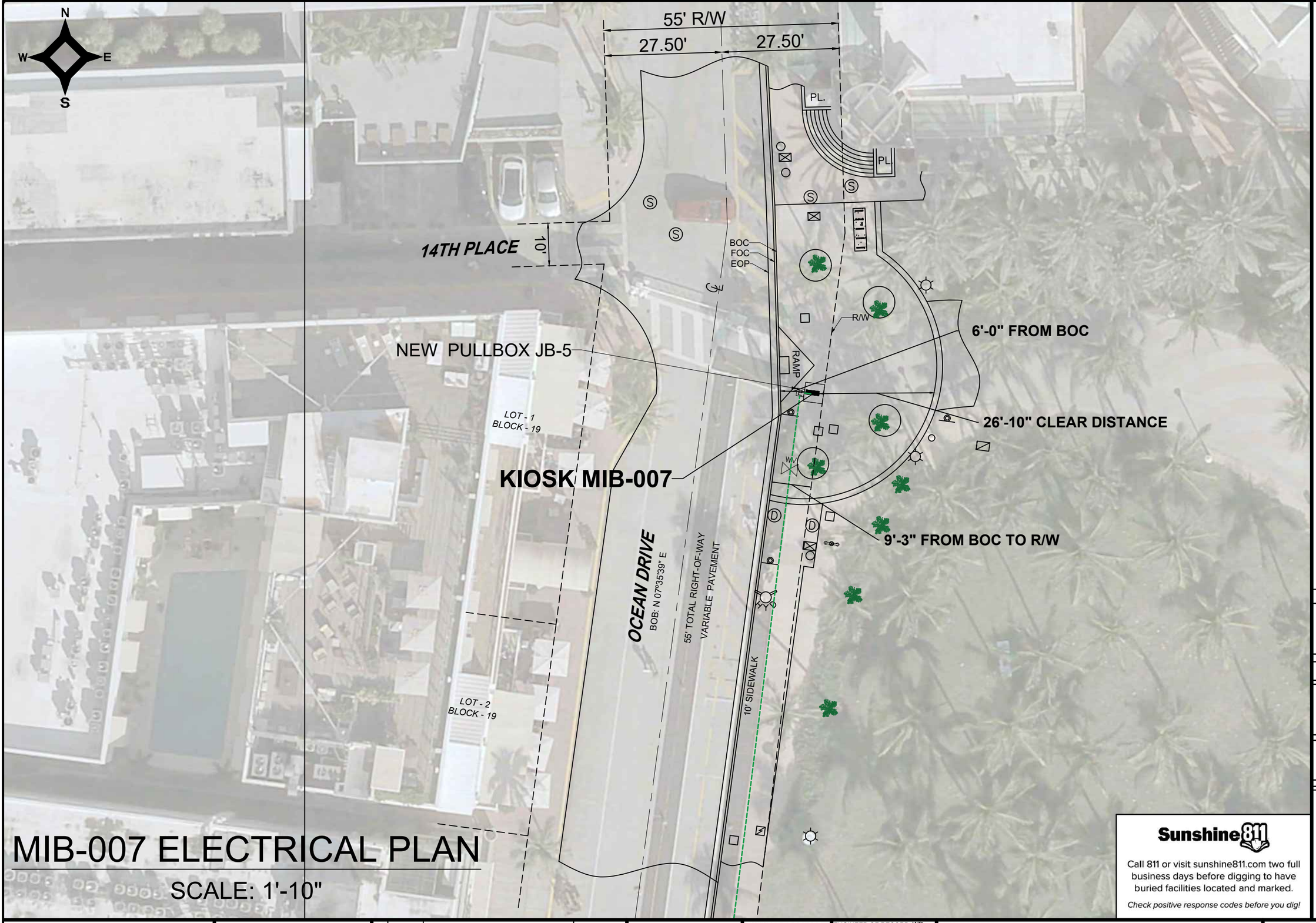
ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=40'

NEIGHBORHOOD: MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE: ELECTRICAL SITE PLAN

File Name: MIB-007 -ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 9 Drawing: E0-01

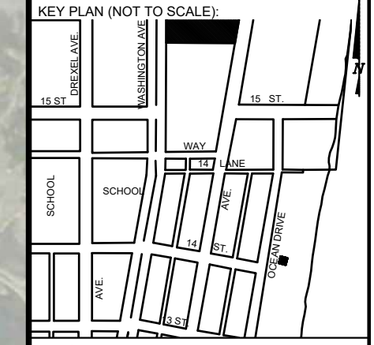


MIB-007 ELECTRICAL PLAN

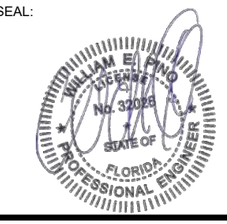
SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3005 , Fax: (305) 676-8864
FL PE Certificate No.: 00008731

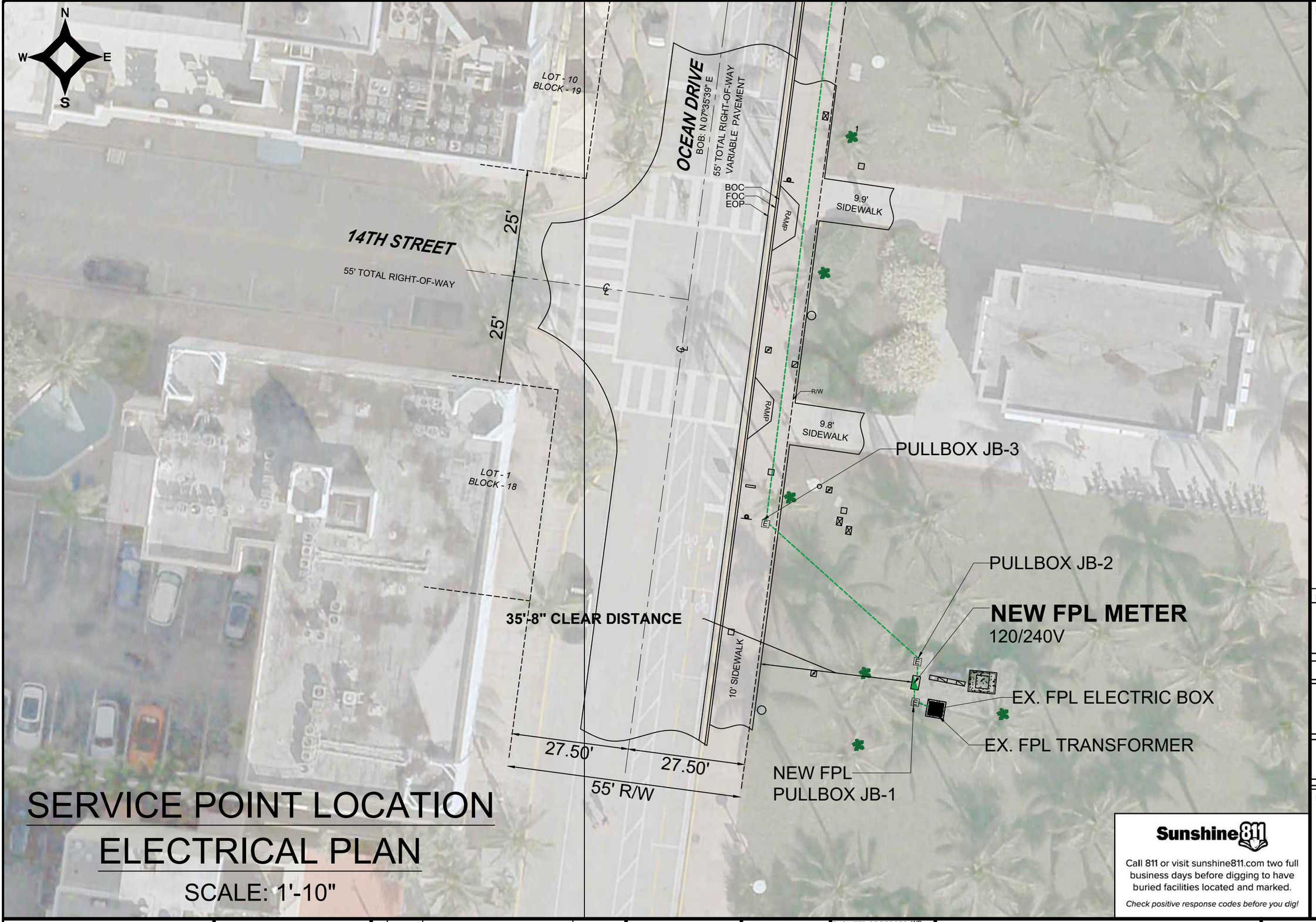
ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD: MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE: KIOSK MIB-007 ELECTRICAL PLAN

File Name: MIB-007 -ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 6 of 9 Drawing: E1-01

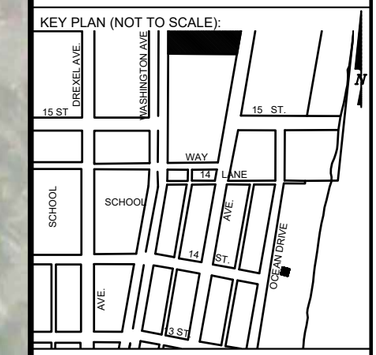


SERVICE POINT LOCATION
ELECTRICAL PLAN

SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

WILLIAM E. PINO
LICENSE
NO. 32026
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 - Fax: (305) 676-8864
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD:
MIB-007: OCEAN DRIVE & 14TH PLACE

TITLE:
SERVICE POINT LOCATION ELECTRICAL PLAN

File Name: MIB-007 -ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 7 of 9 Drawing: E1-02

MAP OF SPECIFIC PURPOSE TOPOGRAPHIC & TREE SURVEY

OF A PORTION OF
"OCEAN DRIVE"
CITY OF MIAMI BEACH, FL.
PLAT OF "OCEAN BEACH ADDITION NO. 2"
PLAT BOOK 2, PAGE 56, MDCR

CERTIFICATE OF AUTHORIZATION # LB-8023

Survey Pros, Inc.

4348 SW 74TH AVENUE, MIAMI, FL. 33155
PH: (305) 767-6802 (main)
MIAMI-DADE | BROWARD | PALM BEACH | MONROE | HILLSBOROUGH | PINELLAS
www.survey-pros.com

LEGEND

ABBREVIATIONS:

A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = DRIVEWAY
EB = ELECTRIC BOX
ENC. = ENCROACHMENT
EP = EDGE OF PAVEMENT
EW = EDGE OF WATER
FDH = FOUND DRILL HOLE
FFE = FINISHED FLOOR ELEVATION
FIP = FOUND IRON PIPE (NO ID)
FIR = FOUND IRON ROD (NO ID)
FN = FOUND NAIL (NO ID)
FN&D= FOUND NAIL & DISCK
FPL = FLORIDA POWER & LIGHT TRANSFORMER PAD
L.E. = LANDSCAPE EASEMENT
L.M.E. = LAKE MAINTENANCE EASEMENT
(M) = MEASURED
MDCR = MIAMI-DADE COUNTY RECORDS
MH = MAN HOLE
ML = MONUMENT LINE
(P) = PLAT
PB = PLAT BOOK
PC = POINT OF CURVATURE
PCP = PERMANENT CONTROL POINT
PE = POOL EQUIPMENT PAD
PG = PAGE
PI = POINT OF INTERSECTION
PL = PLANTER
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVATURE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENCY
R = RADIUS DISTANCE
(R) = RECORD
R/W = RIGHT-OF-WAY
RES = RESIDENCE
SIP = SIP LB#8023
SND = SET NAIL & DISK LB#8023
STL = SURVEY TIE LINE
SWK = SIDEWALK
(TYP) = TYPICAL
UB = UTILITY BOX
U.E. = UTILITY EASEMENT
W/F = WOOD FENCE

SYMBOLS:

= TELEPHONE RISER
= CABLE TV RISER
= WATER METER
X 0.00 = ELEVATION
(00') = ORIGINAL LOT DISTANCE
Δ = CENTRAL ANGLE
℄ = CENTER LINE
WV = WATER VALVE
= CURB INLET
= FIRE HYDRANT
= LIGHT POLE
= CATCH BASIN
= UTILITY POLE
= DRAINAGE MANHOLE
= SEWER MANHOLE
= SIGN
= METAL FENCE
= WOOD FENCE
= CHAIN LINK FENCE
= EASEMENT
= BOUNDARY LINE
= OVERHEAD UTILITY LINE
= ORIGINAL LOT LINE

ASPHALT | CONCRETE | PAVERS/ BRICK | TILES | COVERED AREA

GRAPHIC SCALE

30 0 15 30

1"=30'

TREE TABLE:

NO	COMMON NAME	DBH(ø)	HEIGHT	CANOPY
1	COCONUT PALM	8"	22'	14'
2	COCONUT PALM	8"	22'	14'
3	COCONUT PALM	8"	26'	14'
4	COCONUT PALM	12"	30	14'
5	COCONUT PALM	8"	22'	14'
6	COCONUT PALM	12"	30	14'
7	COCONUT PALM	12"	30	14'
8	COCONUT PALM	12"	30	14'

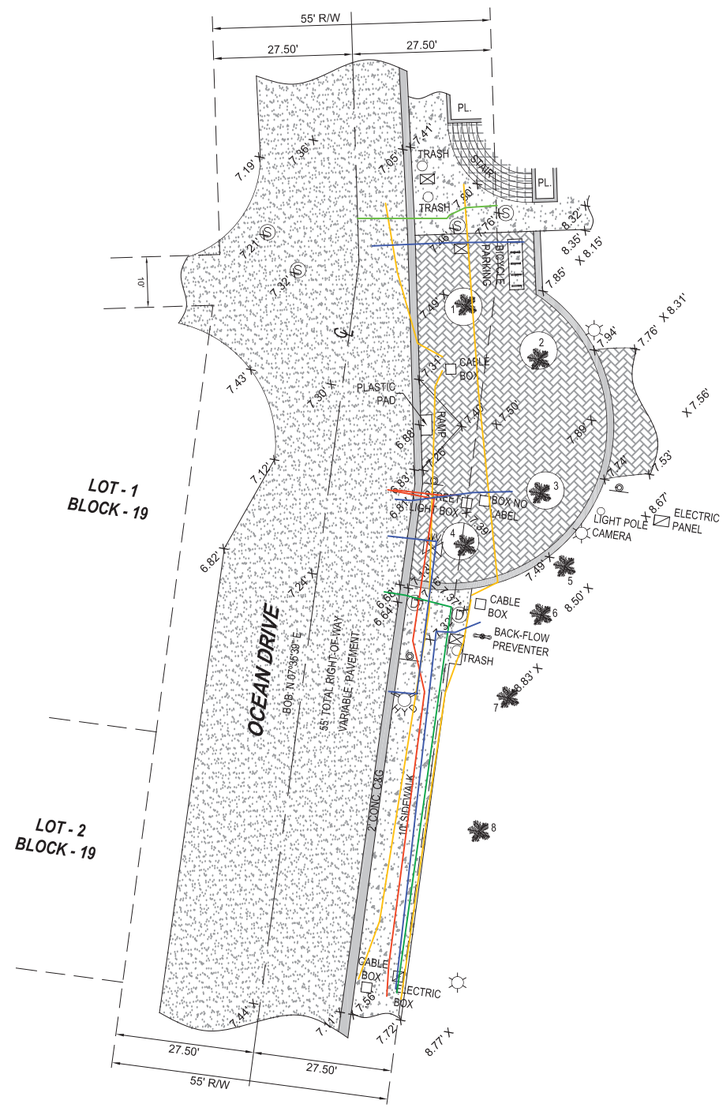
IN CASE OF A DISPUTE AN ARBORIST REPORT WILL GOVERN.

BENCHMARK INFORMATION:

NAME: D-166
ELEVATION: 7.27' (NGVD29)
LOCATION 1: VENETIAN CSWY --- 20' NORTH OF C/L
LOCATION 2: BELLE ISLE EAST BRIDGE ---
DESCRIPTION: PK NAIL AND BRASS WASHER IN CONCRETE SIDEWALK AT NE CORNER OF BRIDGE #874481

SYMBOLS:

= COMMUNICATION LINE
= ELECTRIC LINE
= UNKNOWN
= STORM LINE
= WATER LINE
= SANITARY LINE



LOCATION SKETCH:

NOT TO SCALE

FLOOD ZONE INFORMATION:

THE GRAPHICALLY DEPICTED BUILDING(S) SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE AE
BASE FLOOD ELEVATION 8
COMMUNITY NAME & NUMBER CITY OF MIAMI BEACH 120651
MAP & PANEL NUMBER 12086C0317 SUFFIX L

SURVEYOR'S NOTES:

1. ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE NOT BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC. ONLY PLATTED EASEMENTS ARE SHOWN.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE WITHOUT WRITTEN CONSENT OF THIS FIRM.
5. ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
6. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
7. FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
8. ADDITIONS OR DELETIONS TO THIS SURVEY MAP AND/OR REPORT BY SOMEONE OTHER THAN THE SIGNING PARTY(IES) IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY(IES).
9. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF OCEAN DRIVE BEARS N 07°35'39" E .

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUE.

CERTIFIED TO:

MAIN STREET ENGINEERING

NICOLAS DEL VENTO
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6945

SEAL

DATE OF ORIGINAL FIELD WORK: 07/27/2023

JOB NUMBER: 23079740

DRAWN BY: ADRIEL

CAD FILE: MAIN STREET ENG

SHEET 1 OF 1

REVISION(S):

MAP OF SPECIFIC PURPOSE TOPOGRAPHIC & TREE SURVEY

OF A PORTION OF
"OCEAN DRIVE"
CITY OF MIAMI BEACH, FL.
PLAT OF "OCEAN BEACH ADDITION NO. 2"
PLAT BOOK 105, PAGE 62, MDCR

CERTIFICATE OF AUTHORIZATION # LB-8023
Survey Pros, Inc.
4348 SW 74TH AVENUE, MIAMI, FL. 33155
PH: (305) 767-6802 (main)
MIAMI-DADE | BROWARD | PALM BEACH | MONROE | HILLSBOROUGH | PINELLAS
www.survey-pros.com

LEGEND

ABBREVIATIONS:

A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = DRIVEWAY
EB = ELECTRIC BOX
ENC. = ENCROACHMENT
EP = EDGE OF PAVEMENT
EW = EDGE OF WATER
FDH = FOUND DRILL HOLE
FFE = FINISHED FLOOR ELEVATION
FIP = FOUND IRON PIPE (NO ID)
FIR = FOUND IRON ROD (NO ID)
FN = FOUND NAIL (NO ID)
FN&D= FOUND NAIL & DISCK
FPL = FLORIDA POWER & LIGHT TRANSFORMER PAD
L.E. = LANDSCAPE EASEMENT
L.M.E. = LAKE MAINTENANCE EASEMENT
(M) = MEASURED
MDCR = MIAMI-DADE COUNTY RECORDS
MH = MAN HOLE
ML = MONUMENT LINE
(P) = PLAT
PB = PLAT BOOK
PC = POINT OF CURVATURE
PCP = PERMANENT CONTROL POINT
PE = POOL EQUIPMENT PAD
PG = PAGE
PI = POINT OF INTERSECTION
PL = PLANTER
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVATURE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENCY
R = RADIUS DISTANCE
(R) = RECORD
R/W = RIGHT-OF-WAY
RES = RESIDENCE
SIP = SIP LB#8023
SND = SET NAIL & DISK LB#8023
STL = SURVEY TIE LINE
SWK = SIDEWALK
(TYP) = TYPICAL
UB = UTILITY BOX
U.E. = UTILITY EASEMENT
W/F = WOOD FENCE

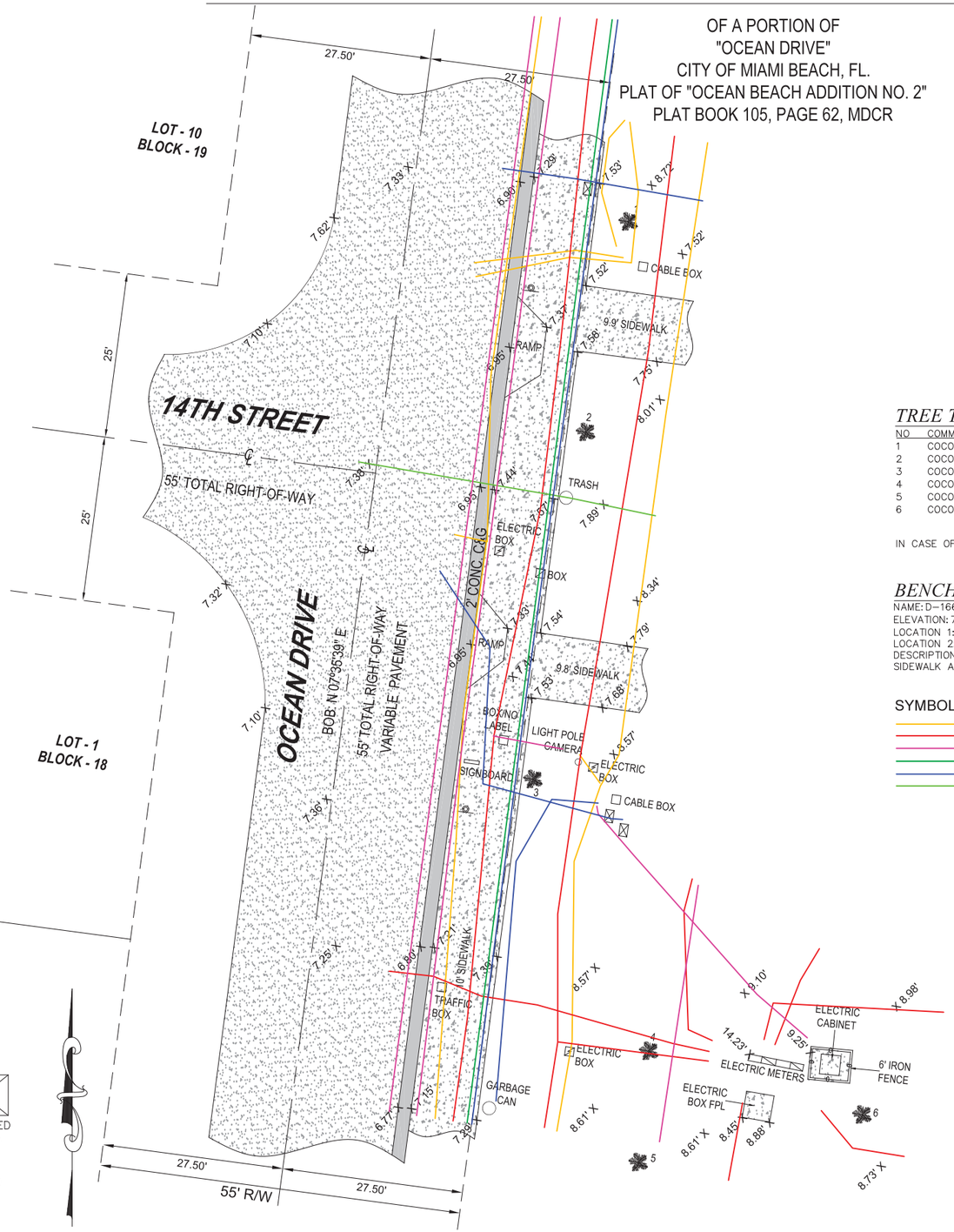
SYMBOLS:

= TELEPHONE RISER
= CABLE TV RISER
= WATER METER
X 0.00 = ELEVATION
(00') = ORIGINAL LOT DISTANCE
Δ = CENTRAL ANGLE
℄ = CENTER LINE
WV = WATER VALVE
= CURB INLET
= FIRE HYDRANT
= LIGHT POLE
= CATCH BASIN
= UTILITY POLE
= DRAINAGE MANHOLE
= SEWER MANHOLE
= SIGN
= METAL FENCE
= WOOD FENCE
= CHAIN LINK FENCE
= EASEMENT
= BOUNDARY LINE
= OVERHEAD UTILITY LINE
= ORIGINAL LOT LINE

ASPHALT | CONCRETE | PAVERS/ BRICK | TILES | COVERED AREA

GRAPHIC SCALE

20 0 10 20
1"=20'



TREE TABLE:

NO	COMMON NAME	DBH(ø)	HEIGHT	CANOPY
1	COCONUT PALM	12"	18'	13'
2	COCONUT PALM	12"	35'	14'
3	COCONUT PALM	12"	35'	14'
4	COCONUT PALM	12"	16'	14'
5	COCONUT PALM	12"	35'	14'
6	COCONUT PALM	12"	35'	14'

IN CASE OF A DISPUTE AN ARBORIST REPORT WILL GOVERN.

BENCHMARK INFORMATION:

NAME: D-166
ELEVATION: 7.27' (NGVD29)
LOCATION 1: VENETIAN CSWY --- 20' NORTH OF C/L
LOCATION 2: BELLE ISLE EAST BRIDGE ---
DESCRIPTION: PK NAIL AND BRASS WASHER IN CONCRETE SIDEWALK AT NE CORNER OF BRIDGE #874481

SYMBOLS:

= COMMUNICATION LINE
= ELECTRIC LINE
= UNKNOWN
= STORM LINE
= WATER LINE
= SANITARY LINE

LOCATION SKETCH:

NOT TO SCALE

FLOOD ZONE INFORMATION:

THE GRAPHICALLY DEPICTED BUILDING(S) SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE AE
BASE FLOOD ELEVATION 8
COMMUNITY NAME & NUMBER CITY OF MIAMI BEACH 120651
MAP & PANEL NUMBER 12086C0317 SUFFIX L

SURVEYOR'S NOTES:

1. ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE NOT BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC. ONLY PLATTED EASEMENTS ARE SHOWN.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE WITHOUT WRITTEN CONSENT OF THIS FIRM.
5. ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
6. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
7. FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
8. ADDITIONS OR DELETIONS TO THIS SURVEY MAP AND/OR REPORT BY SOMEONE OTHER THAN THE SIGNING PARTY(IES) IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY(IES).
9. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF OCEAN DRIVE BEARS N 07°35'39" E.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUE.

CERTIFIED TO:

MAIN STREET ENGINEERING

NICOLAS DEL VENTO
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6945

SEAL

DATE OF ORIGINAL FIELD WORK: 07/26/2023
JOB NUMBER: 23079737
DRAWN BY: ADRIEL
CAD FILE: MAIN STREET ENG
SHEET 1 OF 1
REVISION(S):

10. Ocean Drive & 14th Place

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

OCEAN DRIVE & 10TH STREET
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-001

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

CITY MANAGER: ALINA T. HUDAK

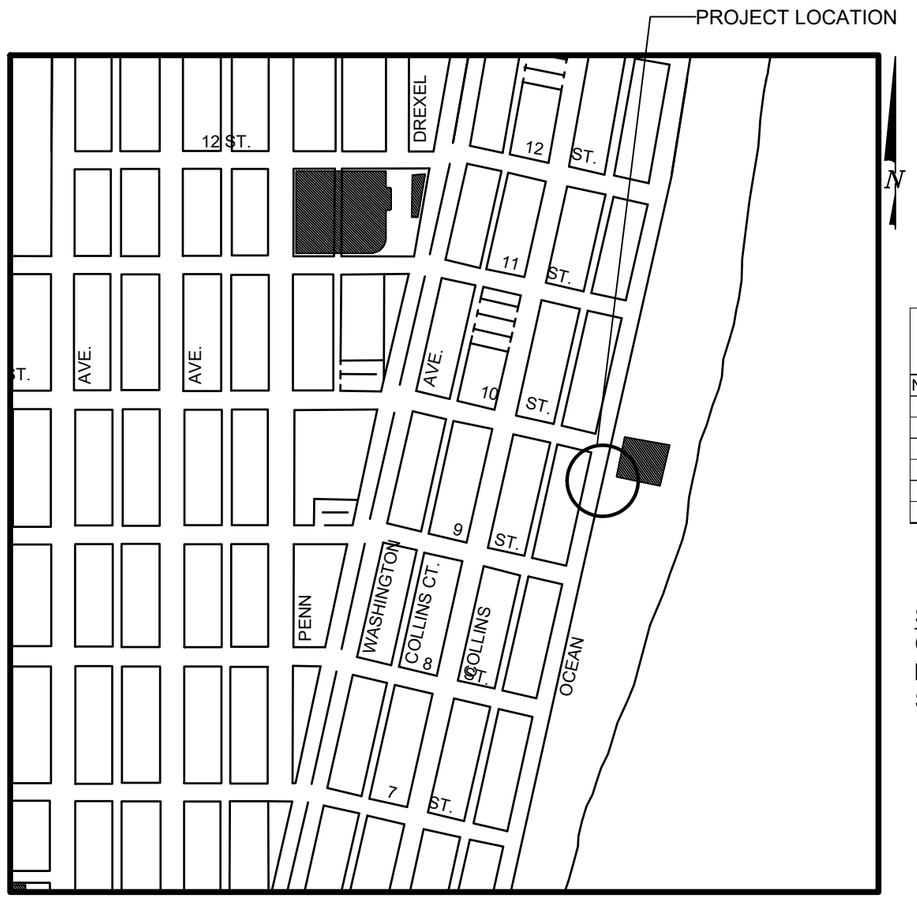
CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com



LOCATION MAP

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-001 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-001 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-001 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

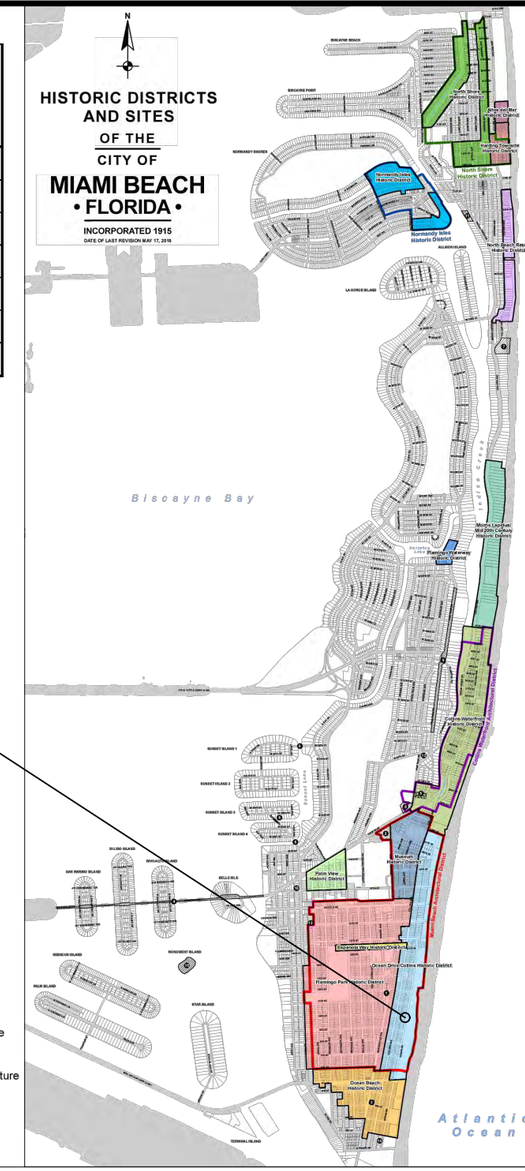
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 6 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-001 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-001 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-001 SITE SURVEY	

PROJECT LOCATION
OCEAN DRIVE/COLLINS AVENUE HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

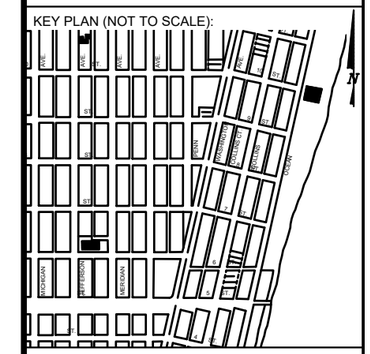
LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
= GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
G = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
P = PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-001: OCEAN DRIVE & 10TH STREET

TITLE:
INDEX OF SHEETS

File Name: MIB-001-GENERAL AND FOUNDATION REV1.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

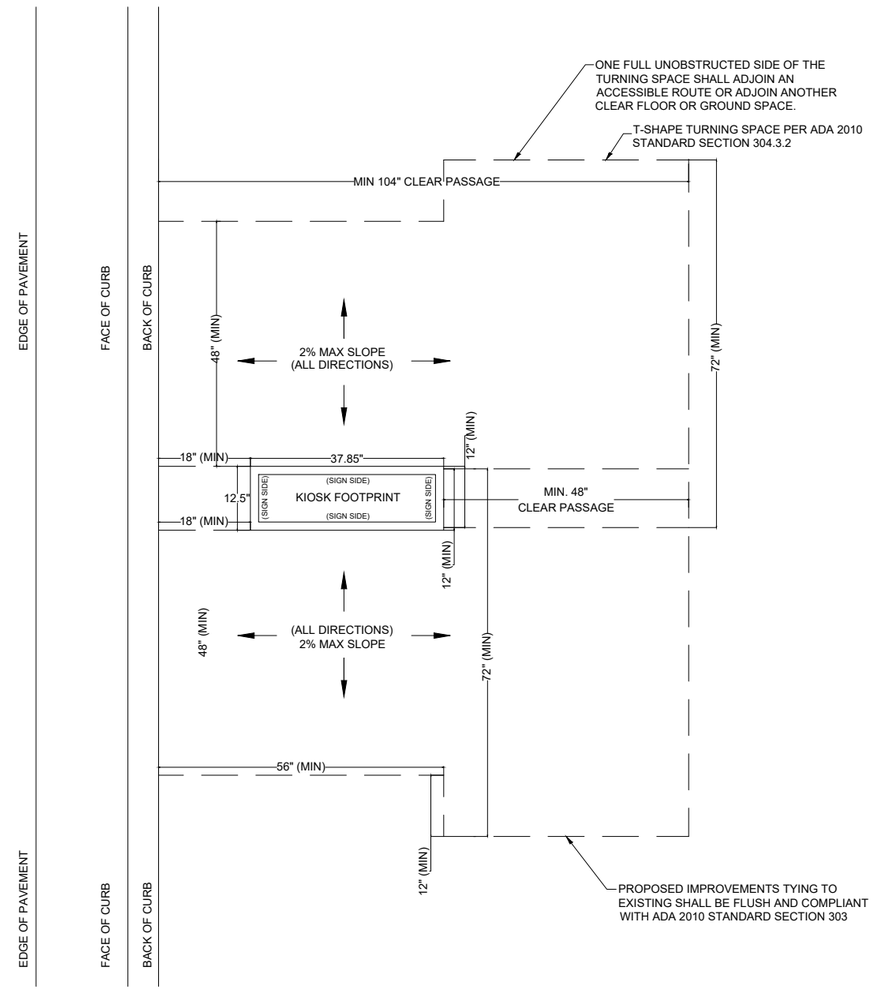
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

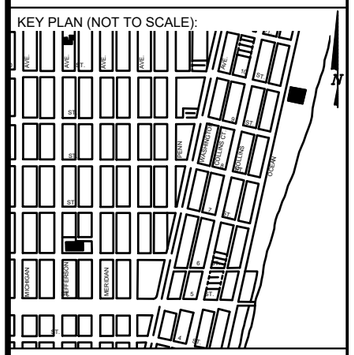
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 Fax: (305) 676-5964
FL PE Certificate No.: 00006731

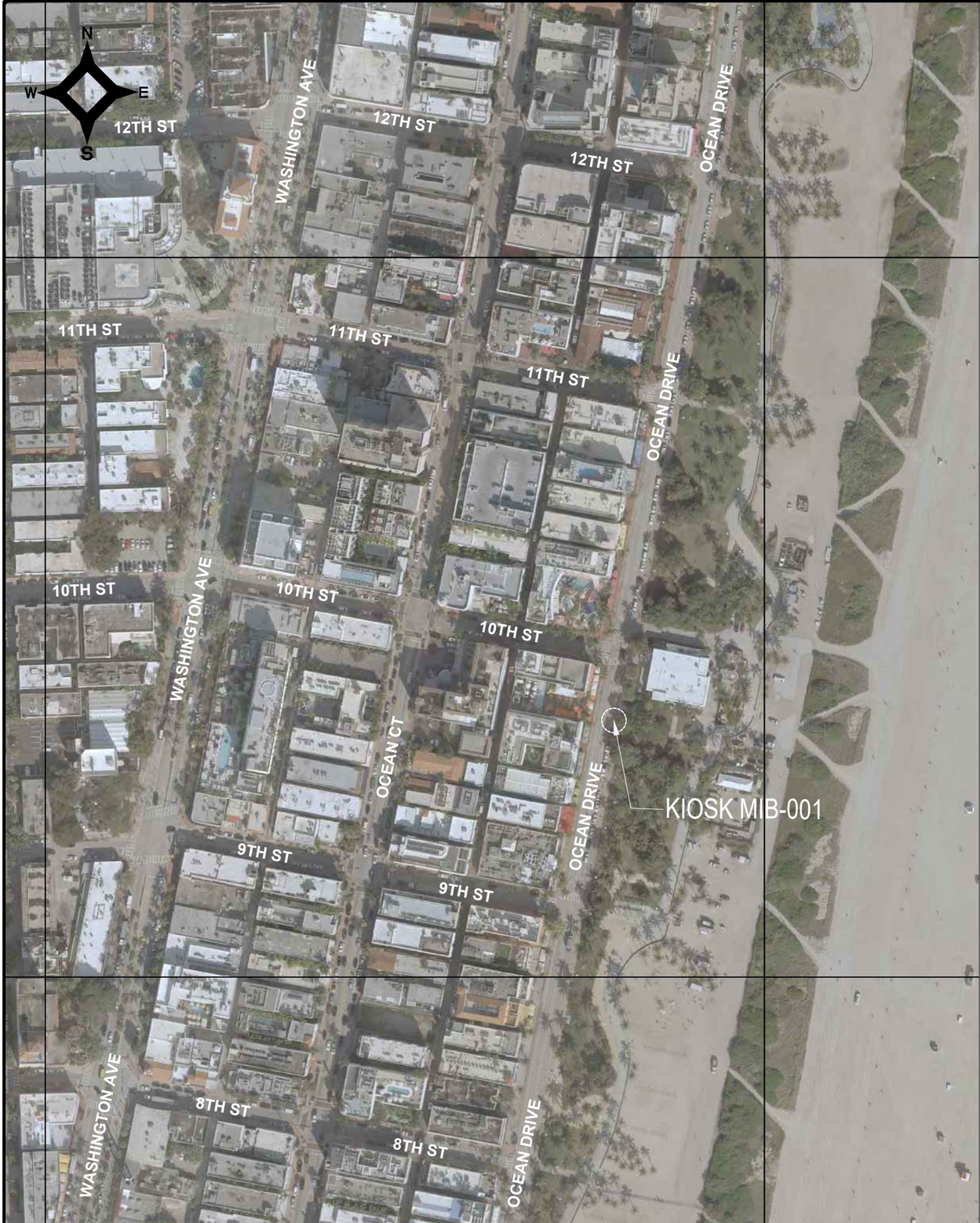
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-001: OCEAN DRIVE & 10TH STREET

TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-001-GENERAL AND FOUNDATION REV1.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04



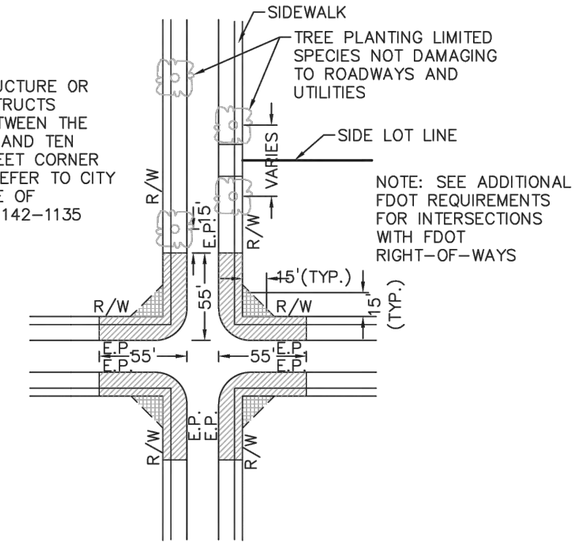
LEGEND

AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142–1135

NO PLANTING OR STRUCTURE PERMITTED WITHIN THESE LIMITS WHICH OBSTRUCTS TRAFFIC VISIBILITY.

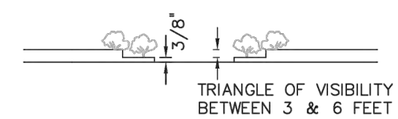
E.P. EDGE OF PAVEMENT

R/W RIGHT OF WAY



NOTE: SEE ADDITIONAL FDOT REQUIREMENTS FOR INTERSECTIONS WITH FDOT RIGHT–OF–WAYS

PLAN VIEW
N.T.S.



ELEVATION VIEW
N.T.S.

NOTES:

1. AT INTERSECTIONS WITH ALL–WAY STOP CONTROL, THE FIRST STOPPED VEHICLE ON ONE APPROACH SHOULD BE VISIBLE TO THE DRIVERS OF THE FIRST STOPPED VEHICLES ON EACH OF THE OTHER APPROACHES. THERE ARE NO OTHER SIGHT DISTANCE CRITERIA APPLICABLE TO INTERSECTIONS WITH ALL–WAY STOP CONTROL AND, INDEED, ALL–WAY CONTROL MAY BE THE BEST OPTION AT A LIMITED NUMBER OF INTERSECTIONS WHERE SIGHT DISTANCE FOR OTHER CONTROL TYPES CANNOT BE ATTAINED.

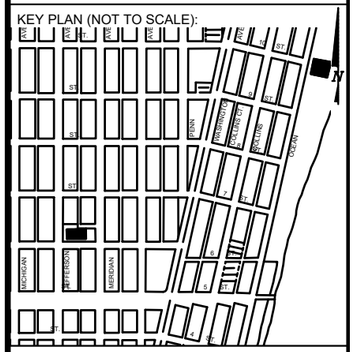
2. FOR TWO–WAY STOP INTERSECTIONS, SIGHT DISTANCE CRITERIA FOR STOP CONTROLLED INTERSECTIONS ARE LONGER THAN STOPPING SIGHT DISTANCE TO ENSURE THAT THE INTERSECTION OPERATES SMOOTHLY. MINOR– ROAD VEHICLE OPERATORS CAN WAIT UNTIL THEY CAN PROCEED SAFELY WITHOUT A MAJOR–ROAD VEHICLE TO STOP.

MIAMIBEACH PUBLIC WORKS DEPARTMENT 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139	APPROVED	REVISED 07/2020 09/2020	TITLE: SIGHT RESTRICTIONS AT INTERSECTIONS WITH NO DEDICATED RADII	DETAIL 10-26

SIGHT TRIANGLE CLEARANCE

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456–3505 , Fax: (305) 676–5964
FL PE Certificate No.: 00006731

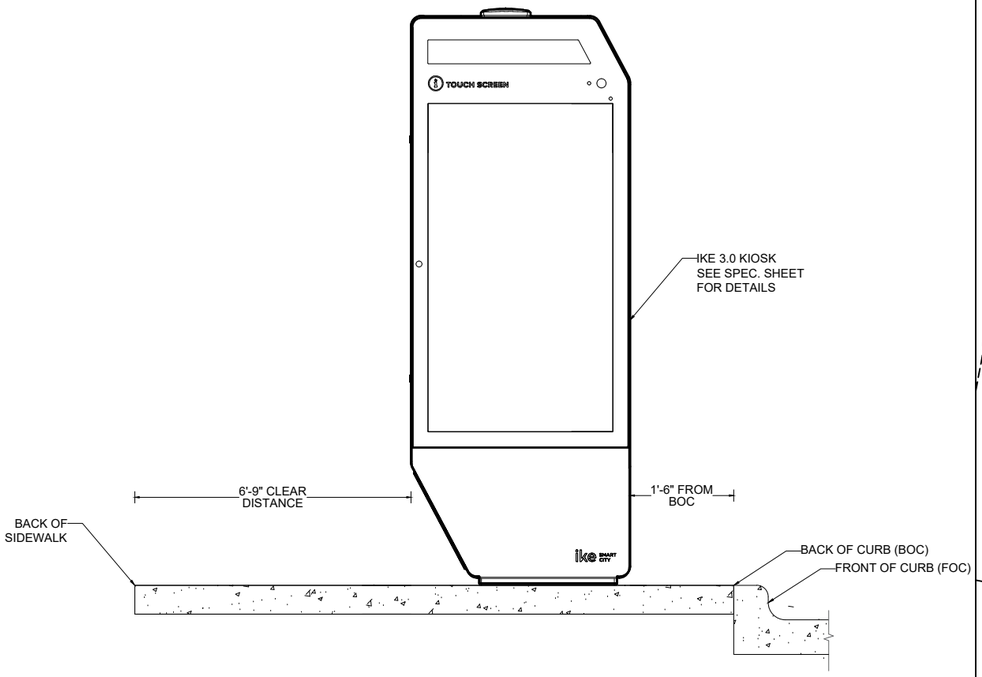
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-001: OCEAN DRIVE & 10TH STREET

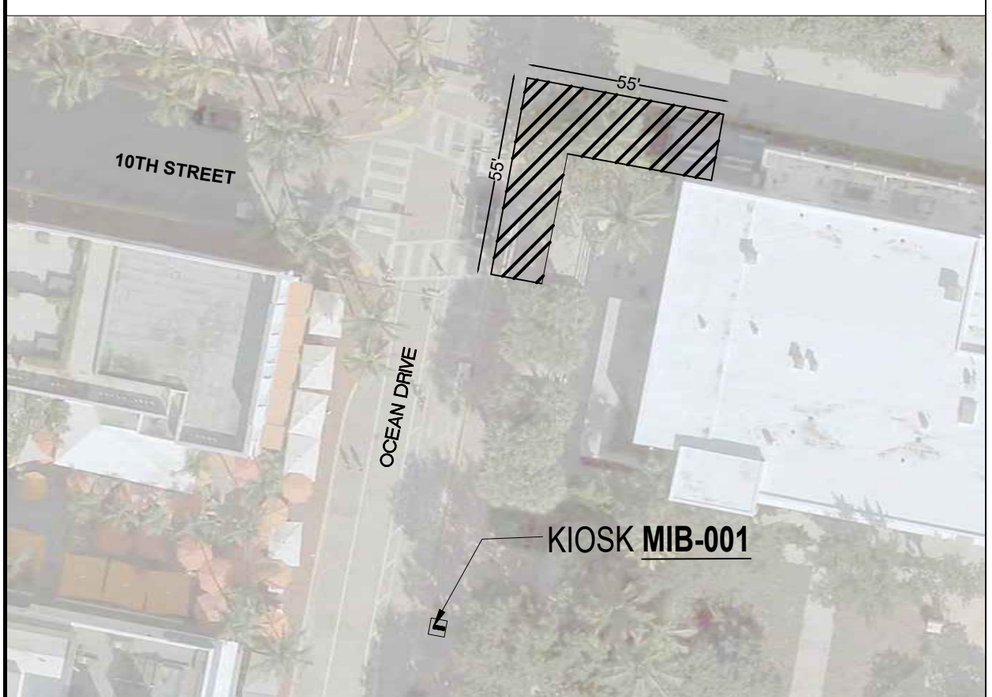
TITLE: CIVIL SITE PLAN

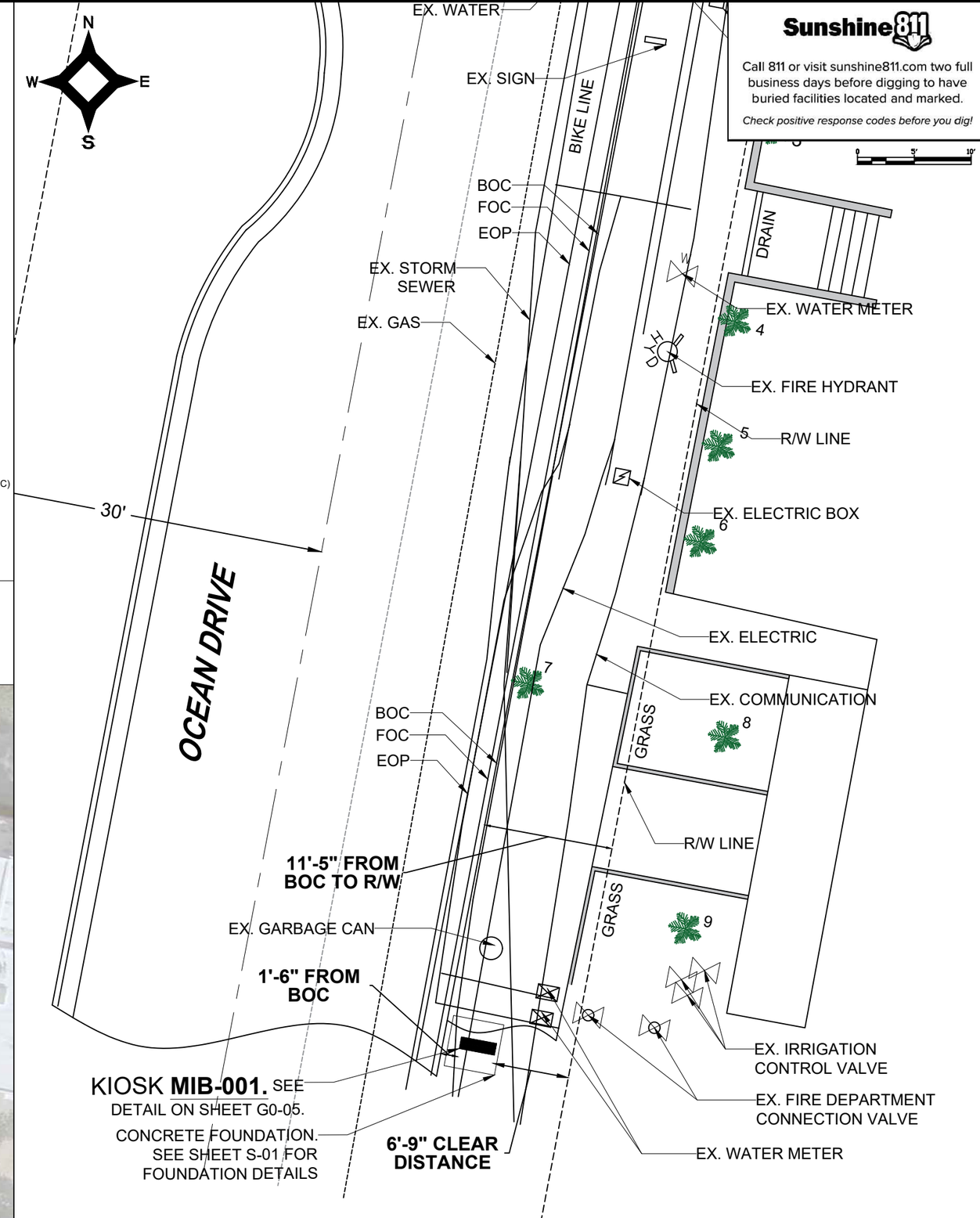
File Name: MIB-CIVIL PLANS REV1.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-20"





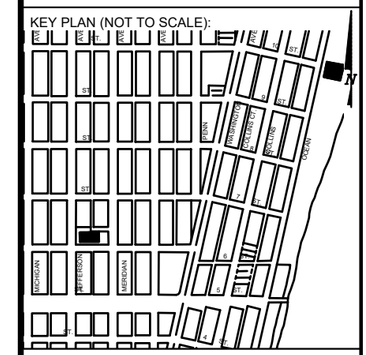
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
17035 SW 47th Street, Ste A , Miami, FL 33185
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

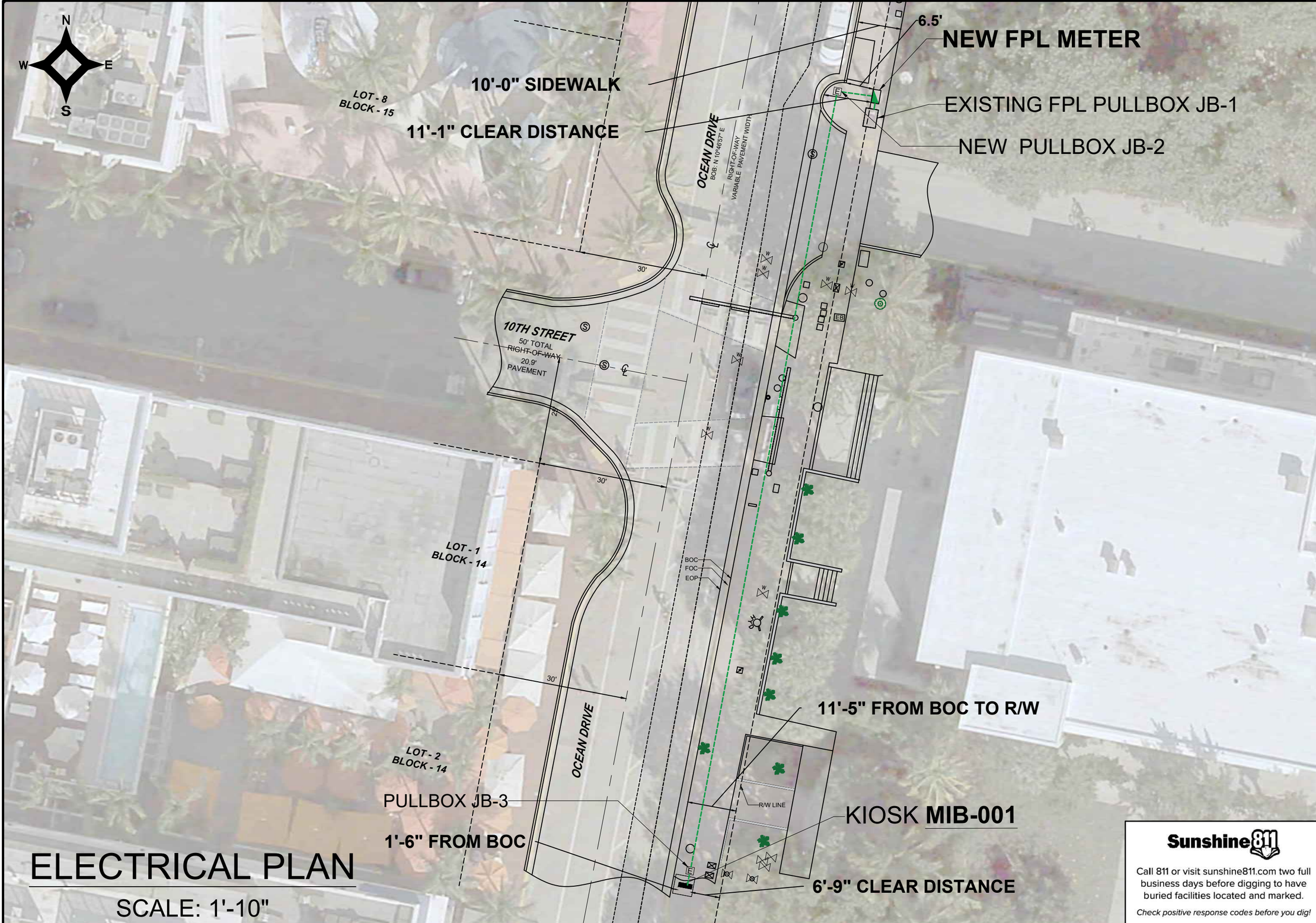
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD: MIB-001: OCEAN DRIVE & 10TH STREET

TITLE: KIOSK MIB-001 ENGINEERING PLAN

File Name: MIB-CIVIL PLANS REV1.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02

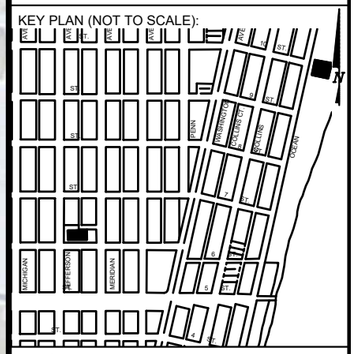


ELECTRICAL PLAN

SCALE: 1'-10"

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7033 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 406-3005 , Fax: (305) 676-3964
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
WILLIAM E. PINO,
P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD:
MIB-001: OCEAN DRIVE & 10TH STREET

TITLE:
KIOSK MIB-001
ELECTRICAL PLAN

File Name: ELECTRICAL & TTC PLANS REV1.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

MAP OF SPECIFIC PURPOSE, TOPOGRAPHIC & TREE SURVEY

OF A PORTION OF
"OCEAN DRIVE"
CITY OF MIAMI BEACH, FL.
PLAT OF "OCEAN BEACH ADDITION NO. 2"
PLAT BOOK 2, PAGE 56, MDCR

CERTIFICATE OF AUTHORIZATION # LB-8023
Survey Pros, Inc.
4348 SW 74TH AVENUE, MIAMI, FL. 33155
PH: (305) 767-6802 (main)
MIAMI-DADE | BROWARD | PALM BEACH | MONROE | HILLSBOROUGH | PINELLAS
www.survey-pros.com

LEGEND

ABBREVIATIONS:

A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = DRIVEWAY
EB = ELECTRIC BOX
ENC. = ENCROACHMENT
EP = EDGE OF PAVEMENT
EW = EDGE OF WATER
FDH = FOUND DRILL HOLE
FFE = FINISHED FLOOR ELEVATION
FIP = FOUND IRON PIPE (NO ID)
FIR = FOUND IRON ROD (NO ID)
FN = FOUND NAIL (NO ID)
FN&D= FOUND NAIL & DISCK
FPL = FLORIDA POWER & LIGHT TRANSFORMER PAD
L.E. = LANDSCAPE EASEMENT
L.M.E. = LAKE MAINTENANCE EASEMENT
(M) = MEASURED
MDCR = MIAMI-DADE COUNTY RECORDS
MH = MAN HOLE
ML = MONUMENT LINE
(P) = PLAT
PB = PLAT BOOK
PC = POINT OF CURVATURE
PCP = PERMANENT CONTROL POINT
PE = POOL EQUIPMENT PAD
PG = PAGE
PI = POINT OF INTERSECTION
PL = PLANTER
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVATURE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENCY
R = RADIUS DISTANCE
(R) = RECORD
R/W = RIGHT-OF-WAY
RES = RESIDENCE
SIP = SIP LB#8023
SND = SET NAIL & DISK LB#8023
STL = SURVEY TIE LINE
SWK = SIDEWALK
(TYP) = TYPICAL
UB = UTILITY BOX
U.E. = UTILITY EASEMENT
W/F = WOOD FENCE

SYMBOLS:

= TELEPHONE RISER
= CABLE TV RISER
= WATER METER
X 0.00 = ELEVATION
(00') = ORIGINAL LOT DISTANCE
Δ = CENTRAL ANGLE
℄ = CENTER LINE
WV = WATER VALVE
= CURB INLET
= FIRE HYDRANT
= LIGHT POLE
= CATCH BASIN
= UTILITY POLE
= DRAINAGE MANHOLE
= SEWER MANHOLE
= ELECTRIC BOX
= SIGN
= METAL FENCE
= WOOD FENCE
= CHAIN LINK FENCE
= EASEMENT
= BOUNDARY LINE
= OVERHEAD UTILITY LINE
= ORIGINAL LOT LINE

ASPHALT | CONCRETE | PAVERS/ BRICK | TILES | COVERED AREA

GRAPHIC SCALE

30 0 15 30

1"=30'

TREE TABLE:

NO	COMMON NAME	DBH(ø)	HEIGHT	CANOPY
1	TREE	27"	28'	19'
2	PALMETTO	11"	18'	8'
3	PALMETTO	11"	18'	8'
4	PALMETTO	11"	18'	8'
5	PALMETTO	11"	18'	8'
6	PALMETTO	11"	18'	8'
7	PALMETTO (3)	3"	5'	6'
8	PALMETTO (3)	3"	5'	6'
9	PALMETTO (3)	3"	5'	6'

IN CASE OF A DISPUTE AN ARBORIST REPORT WILL GOVERN.

SYMBOLS:

= COMMUNICATION LINE
= ELECTRIC LINE
= UNKNOWN
= STORM LINE
= WATER LINE
= SANITARY LINE

BENCHMARK INFORMATION:

NAME: E-03
ELEVATION: 9.47' (NGVD29)
LOCATION1: MACARTHUR CSWY --- 6.5' SW OF SW EDGE OF PAVEMENT
LOCATION2: BRIDGE ROAD --- 50' NW OF PROJECTED C/L
DESCRIPTION: BRASS DISK IN CONC SIDEWALK. (STAMPED 87 93 E-03)

LOCATION SKETCH:

NOT TO SCALE

FLOOD ZONE INFORMATION:

THE GRAPHICALLY DEPICTED BUILDING(S) SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE AE
BASE FLOOD ELEVATION 8
COMMUNITY NAME & NUMBER CITY OF MIAMI BEACH 120651
MAP & PANEL NUMBER 12086C0319 SUFFIX L

SURVEYOR'S NOTES:

1. ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE NOT BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC. ONLY PLATTED EASEMENTS ARE SHOWN.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE WITHOUT WRITTEN CONSENT OF THIS FIRM.
5. ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
6. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
7. FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
8. ADDITIONS OR DELETIONS TO THIS SURVEY MAP AND/OR REPORT BY SOMEONE OTHER THAN THE SIGNING PARTY(IES) IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY(IES).
9. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF OCEAN DRIVE BEARS N10°46'57"E.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUE.

CERTIFIED TO:

MAIN STREET ENGINEERING

REVISION(S):
07/26/2023 – UPDATE SURVEY, JOB#23039119

NICOLAS DEL VENTO
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6945

SEAL

DATE OF ORIGINAL FIELD WORK: 03/11/2023

JOB NUMBER: 23039119

DRAWN BY: ADRIEL

CAD FILE: MAIN STREET ENG

SHEET 1 OF 1

REVISION(S):

11. Ocean Drive & 10th Street

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

WASHINGTON AVENUE & 10TH STREET
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-005

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

CITY MANAGER: ALINA T. HUDAK

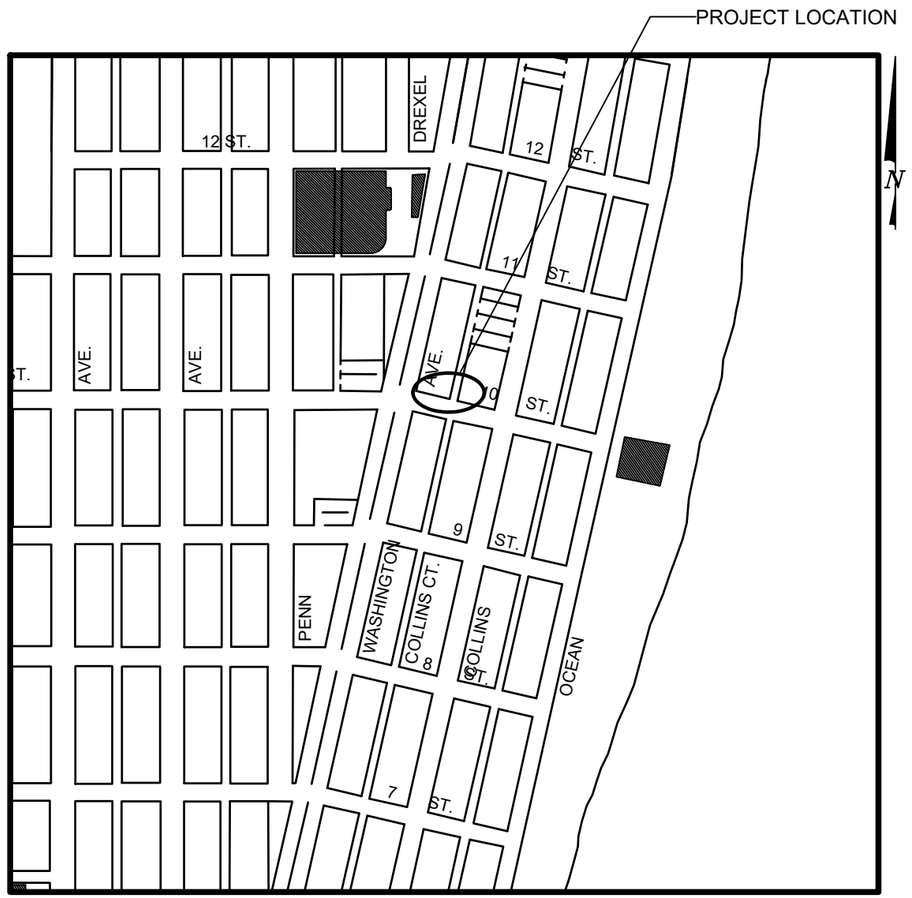
CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com



LOCATION MAP

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	MIB-005 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-005 ELECTRICAL PLAN	
6	SURVEY		MIB-005 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

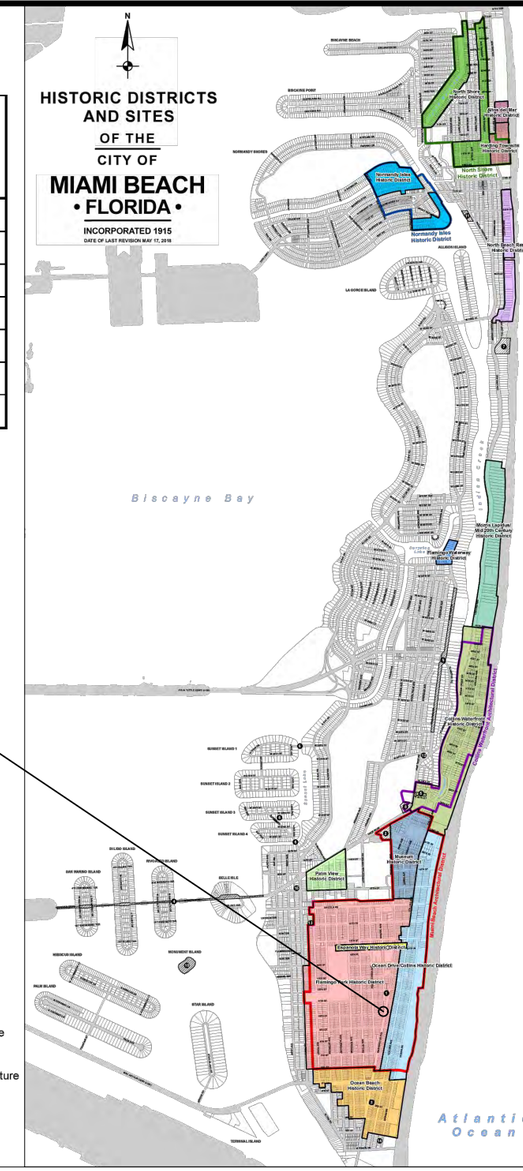
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 6 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	MIB-005 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-005 ELECTRICAL PLAN	
6	SURVEY		MIB-005 SITE SURVEY	

PROJECT LOCATION
FLAMINGO PARK HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

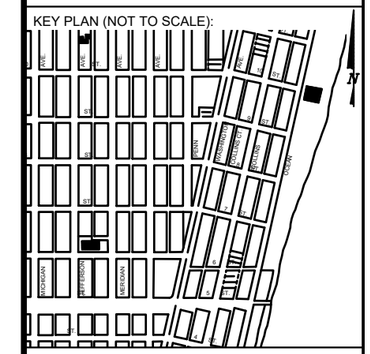
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
= TRAFFIC SIGNAL BOX
= TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
= CABLE TELEVISION BOX
= LIGHT POLE
= ELECTRIC BOX
= UTILITY POLE
= ELECTRIC TRANSFORMER
= GUY ANCHOR
= ELECTRIC MANHOLE
= ELECTRIC METER
= GAS VALVE
= GAS UTILITY BOX
= GAS MANHOLE
= GAS TANK
= GAS METER
= COMMUNICATION BOX
= COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
= WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
= WATER BOX
= WATER CONNECTION
= WATER MANHOLE
= WATER TANK
= WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
= STORM MANHOLE
= STORM METER
= CATCH BASIN
= TELEPHONE MANHOLE
= TELEPHONE BOX
= NEWSPAPER DISPENSER
= MAILBOX
= SANITARY MANHOLE
= SANITARY BOX
= SANITARY TANK
= SANITARY LIFT STATION
= GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
= FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
= UNKNOWN UTILITY BOX
= UNKNOWN UTILITY METER
= UNKNOWN UTILITY MANHOLE
= UNKNOWN UTILITY VALVE
= UNKNOWN UTILITY MARKER FLAG
= SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD:
MIB-005: WASHINGTON AVE & 10TH STREET

TITLE:
INDEX OF SHEETS

File Name: MIB-005-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

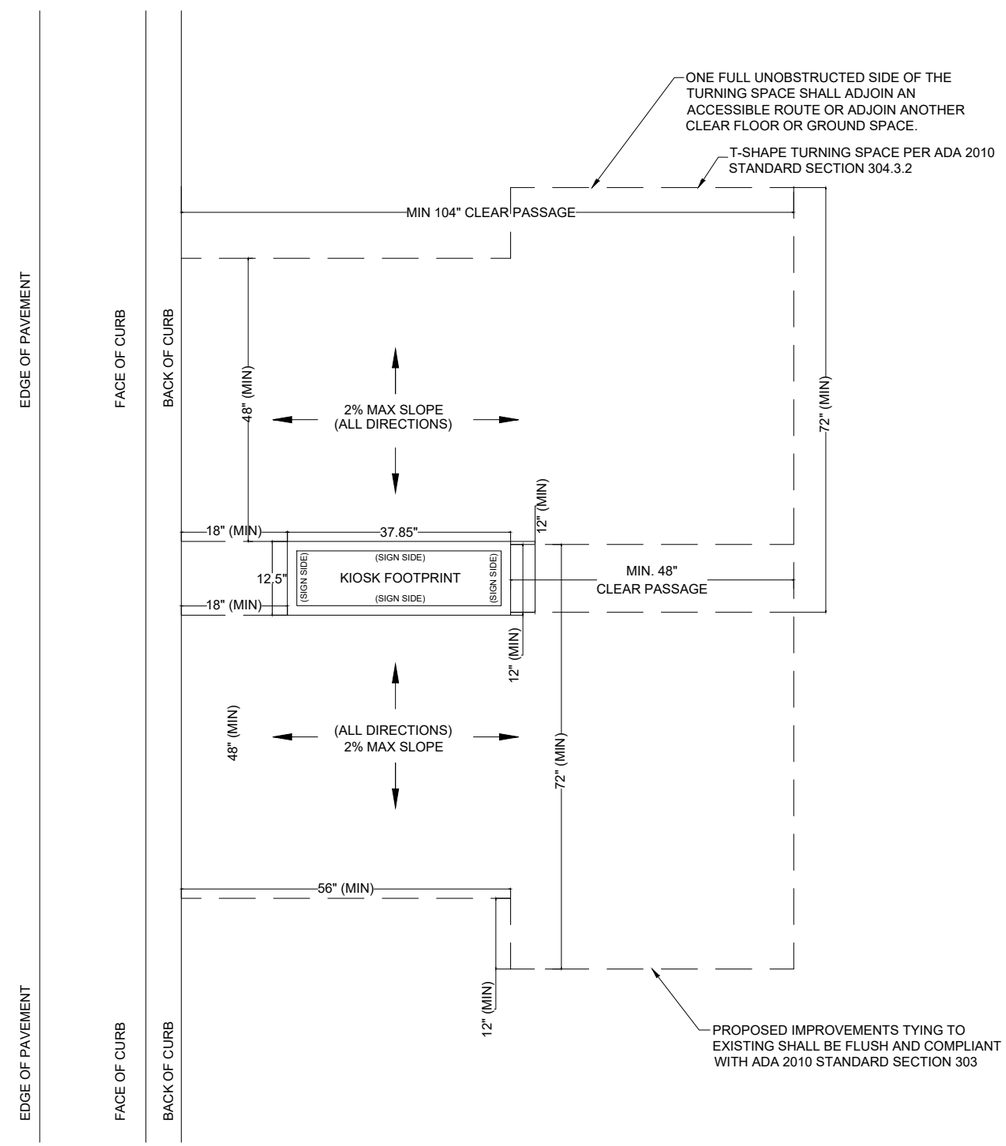
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

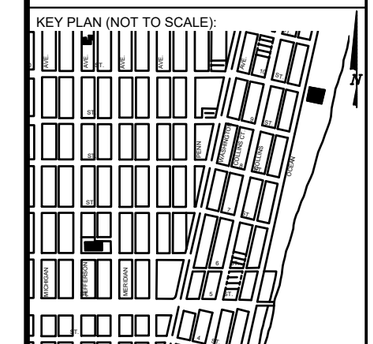
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
17035 SW 47th Street, Ste A , Miami, FL 33185
Tel.: (305) 456-3505 , Fax: (305) 676-8964
FL PE Certificate No.: 00006731

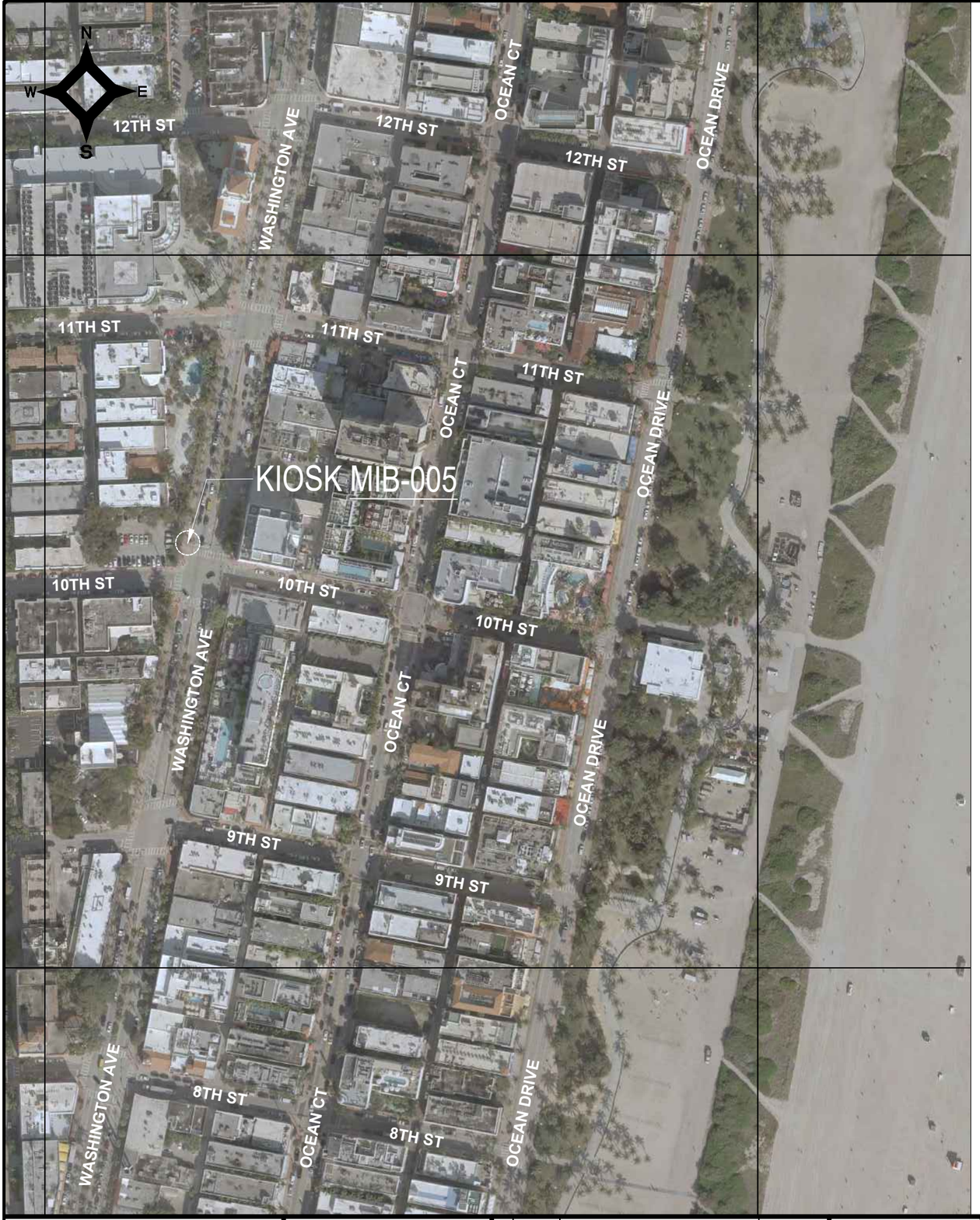
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-005: WASHINGTON AVE & 10TH STREET

TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-005-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04



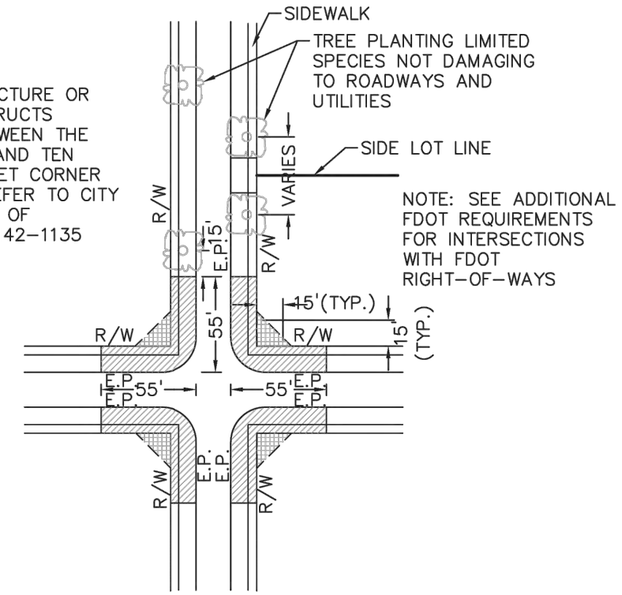
LEGEND

AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142–1135

NO PLANTING OR STRUCTURE PERMITTED WITHIN THESE LIMITS WHICH OBSTRUCTS TRAFFIC VISIBILITY.

E.P. EDGE OF PAVEMENT

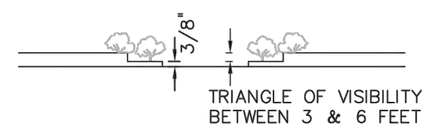
R/W RIGHT OF WAY



NOTE: SEE ADDITIONAL FDOT REQUIREMENTS FOR INTERSECTIONS WITH FDOT RIGHT–OF–WAYS

PLAN VIEW

N.T.S.



ELEVATION VIEW

N.T.S.

NOTES:

1. AT INTERSECTIONS WITH ALL–WAY STOP CONTROL, THE FIRST STOPPED VEHICLE ON ONE APPROACH SHOULD BE VISIBLE TO THE DRIVERS OF THE FIRST STOPPED VEHICLES ON EACH OF THE OTHER APPROACHES. THERE ARE NO OTHER SIGHT DISTANCE CRITERIA APPLICABLE TO INTERSECTIONS WITH ALL–WAY STOP CONTROL AND, INDEED, ALL–WAY CONTROL MAY BE THE BEST OPTION AT A LIMITED NUMBER OF INTERSECTIONS WHERE SIGHT DISTANCE FOR OTHER CONTROL TYPES CANNOT BE ATTAINED.

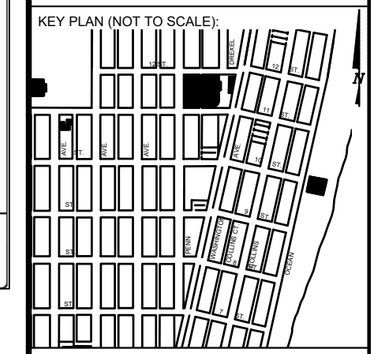
2. FOR TWO–WAY STOP INTERSECTIONS, SIGHT DISTANCE CRITERIA FOR STOP CONTROLLED INTERSECTIONS ARE LONGER THAN STOPPING SIGHT DISTANCE TO ENSURE THAT THE INTERSECTION OPERATES SMOOTHLY. MINOR– ROAD VEHICLE OPERATORS CAN WAIT UNTIL THEY CAN PROCEED SAFELY WITHOUT A MAJOR–ROAD VEHICLE TO STOP.

MIAMIBEACH PUBLIC WORKS DEPARTMENT 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139	APPROVED	REVISED 07/2020 09/2020	TITLE: SIGHT RESTRICTIONS AT INTERSECTIONS WITH NO DEDICATED RADII	DETAIL 10-26

SIGHT TRIANGLE CLEARANCE

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA LICENSE No. 77676 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING 7030 SW 47th Street, Ste A , Miami, FL 33155 Tel.: (305) 456–3505 , Fax: (305) 676–8964 FL PE Certificate No.: 00006731

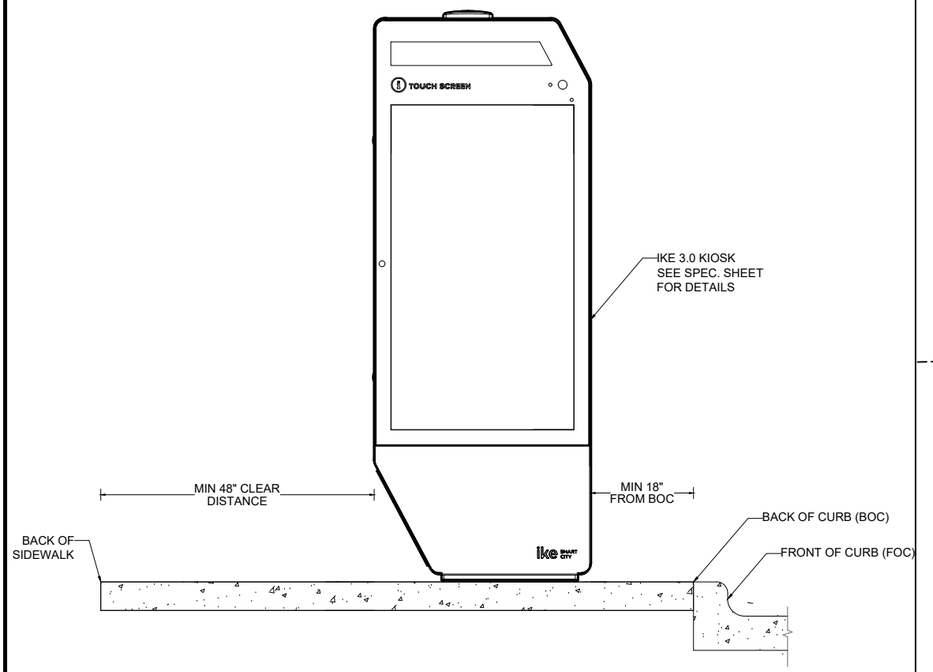
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-005: WASHINGTON AVE & 10TH STREET

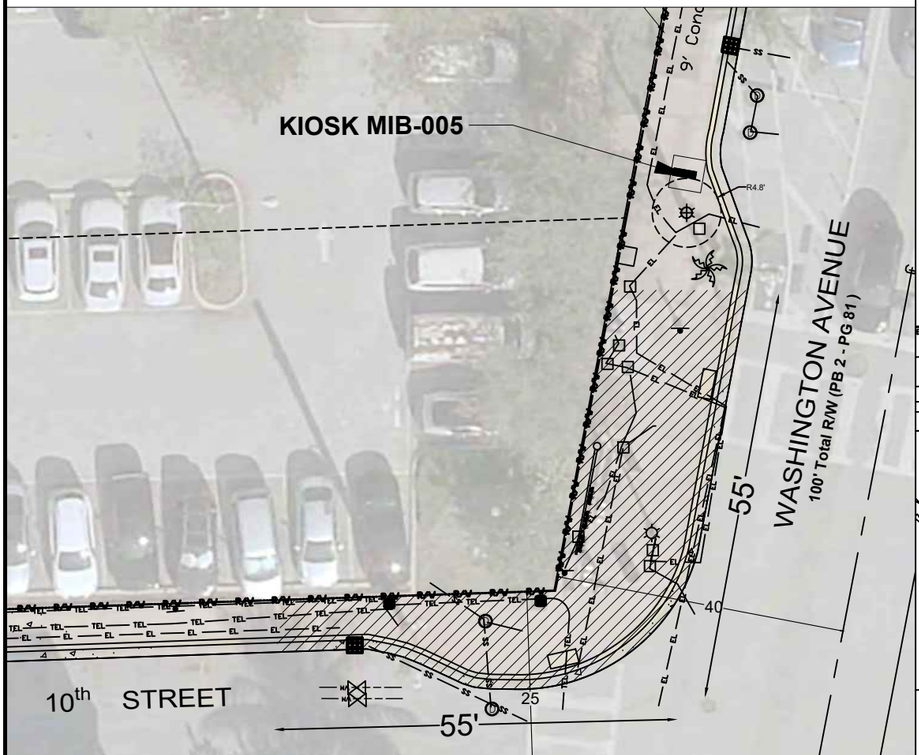
TITLE: CIVIL SITE PLAN

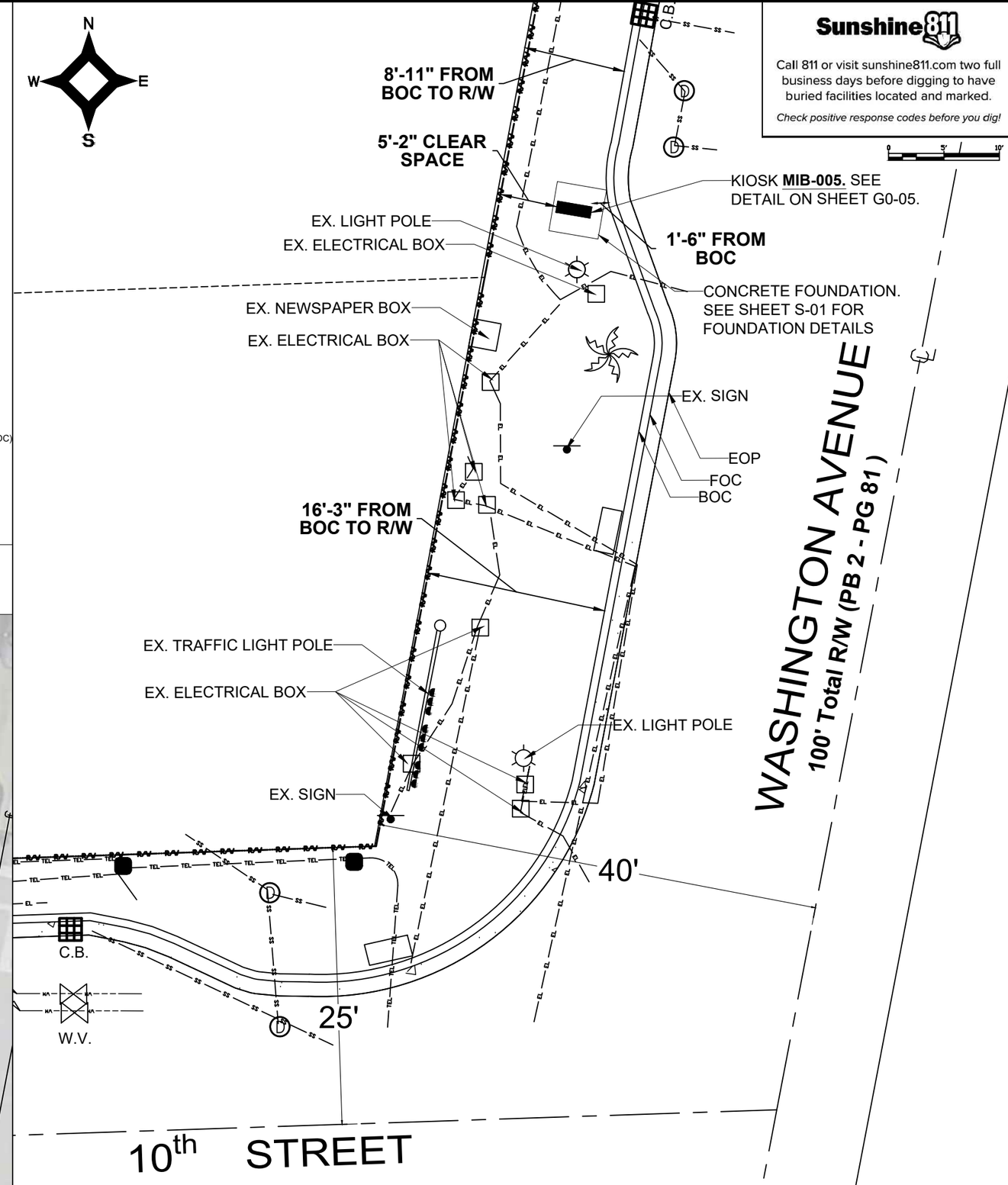
File Name: MIB-005-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-10"





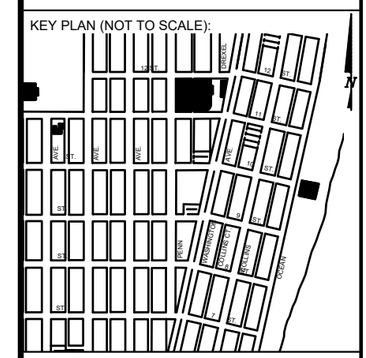
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 406-3605 . Fax: (305) 676-5984
FL PE Certificate No.: 00006731

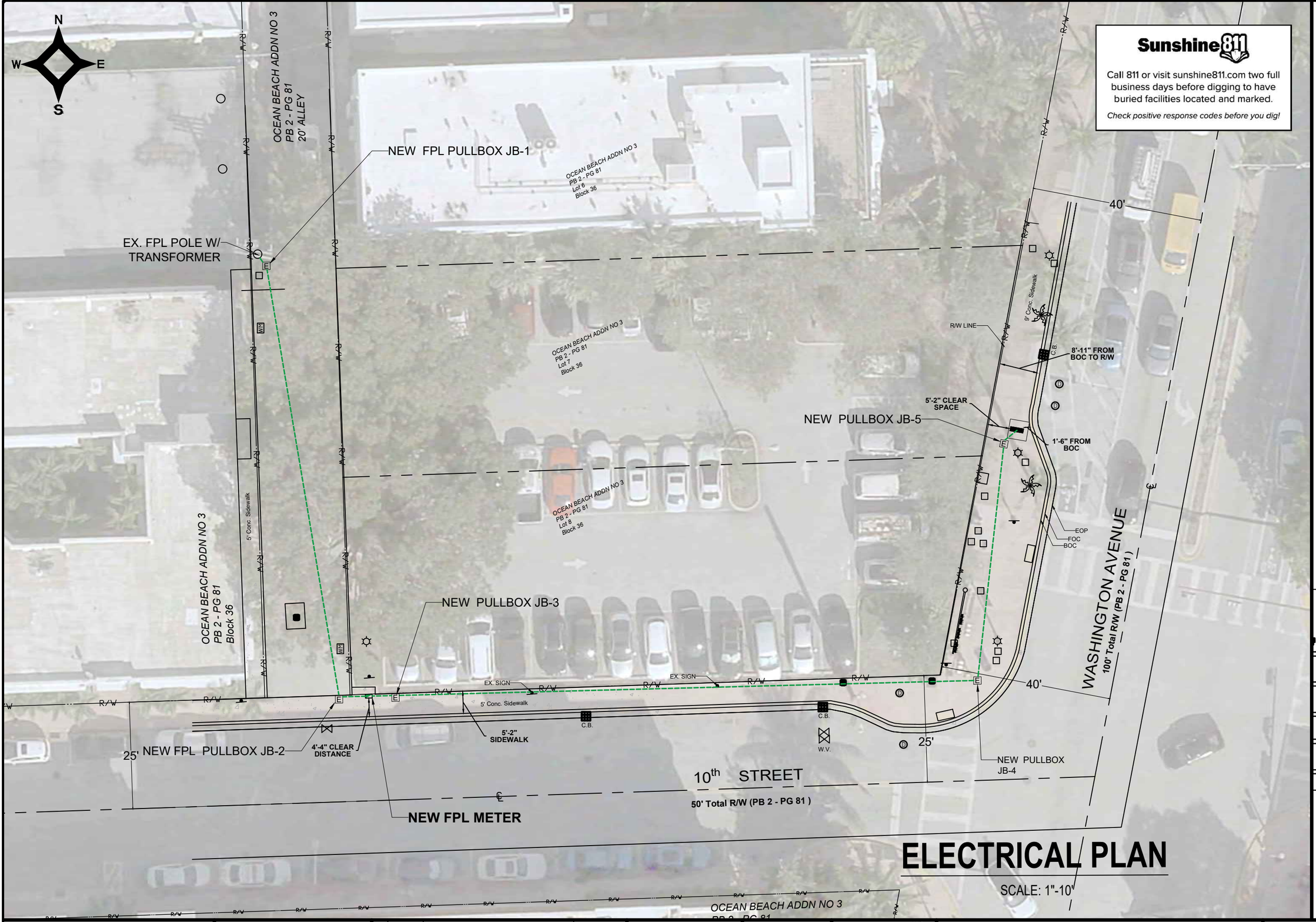
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD:
MIB-005: WASHINGTON AVE & 10TH STREET

TITLE:
MIB-005 ENGINEERING PLAN

File Name: MIB-005-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02



ELECTRICAL PLAN

SCALE: 1"-10'

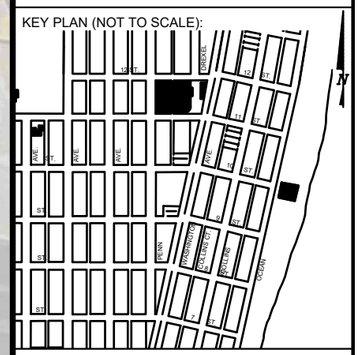
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

WILLIAM E. PINO
LICENSED
No. 32026
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-5964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

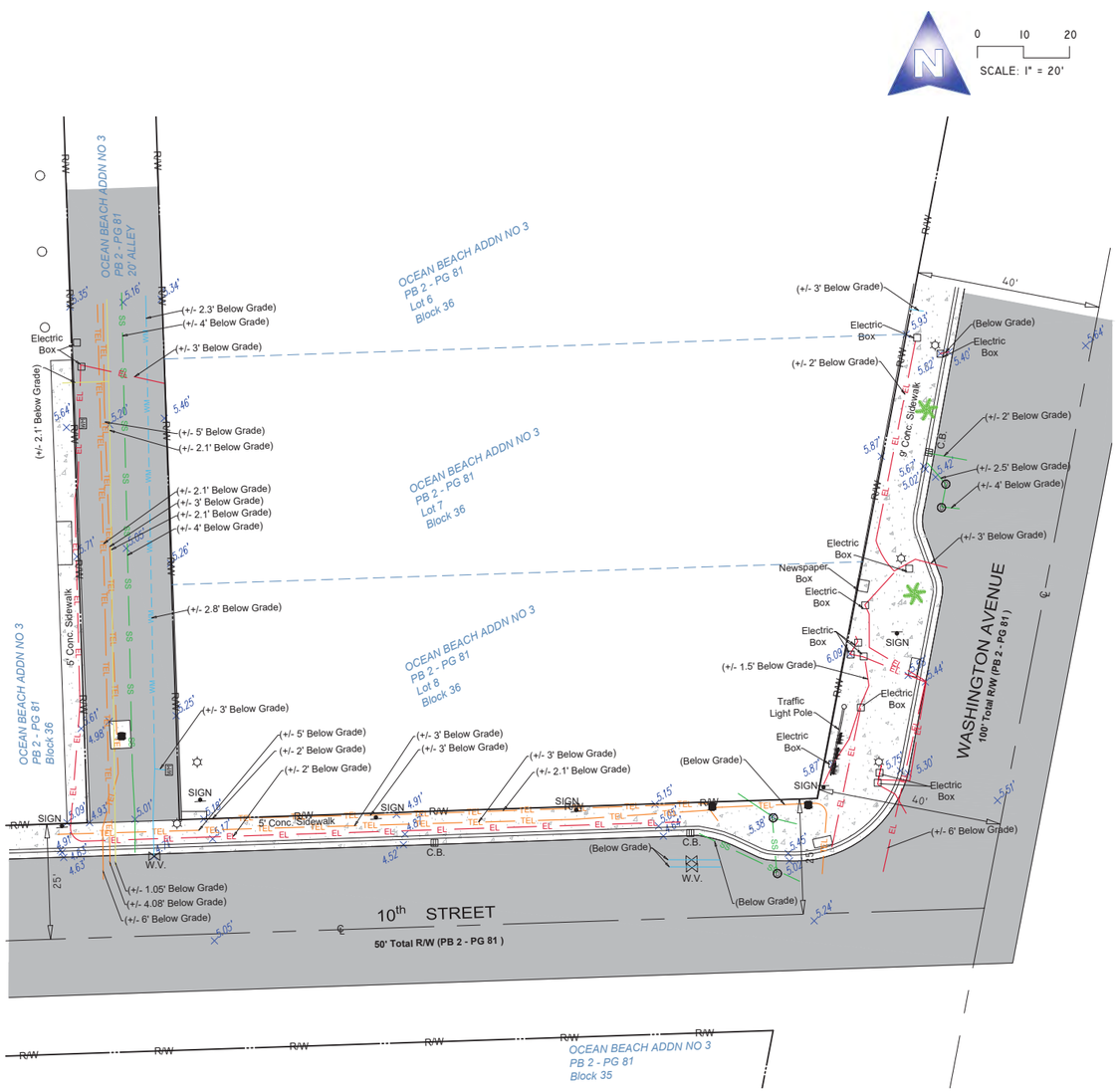
NEIGHBORHOOD:
MIB-005: WASHINGTON AVE & 10TH STREET

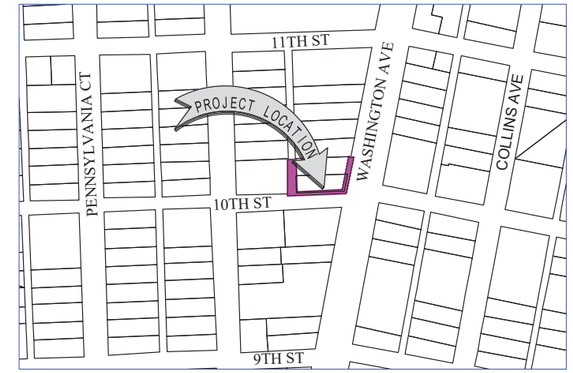
TITLE: KIOSK MIB-005
ELECTRICAL PLAN

File Name: MIB-005-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

MAP OF TOPOGRAPHIC SURVEY

PORTION OF LANDS LYING IN SECTIONS 3, TOWNSHIP 54 SOUTH,
RANGE 42 EAST, CITY OF MIAMI, MIAMI-DADE COUNTY, FLORIDA.





LOCATION MAP

Not to Scale

N

0 10 20
SCALE: 1" = 20'

SURVEYOR'S REPORT AND GENERAL NOTES
(Not valid without the attached Survey Map)

1. This is not a Boundary Survey. This is a Topographic survey of a portion of public right of ways. The underlying subdivisions as depicted on the survey is the following:
   Plat of **OCEAN BEACH ADDITION No. 3**, according to the plat thereof, as recorded in Plat Book 2, Page 81 of the Public Records of Miami-Dade County, Florida. These lands are subject to restrictions of record that were not furnished to the undersigning registered surveyor. A title search has not been performed by the surveyor.
2. North arrow direction is based on an assumed Meridian. Bearings are based on an assumed meridian on a well-established line, said line is being noted as BR on the Survey Map.
3. Foundations and/or any other underground structures have not been located.
4. Survey markers found in the field have no identification unless otherwise shown. Any survey marker set by our company is labeled LB 7262 or PSM 6169.
5. This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
6. This Survey Map is being prepared for the use of the party/parties that it is certified to and does not extend to any unnamed individual, entity or assignee.
7. **FLOODPLAIN INFORMATION:** As scaled from Federal Insurance Rate Map (FIRM) of Community No. 120651 (City of Miami Beach), Panel 0314, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "AE" with Base Flood Elevation 8 feet (NGVD 1929)
8. **SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVEL B for investigation of underground utilities was performed as part of this survey using GPR (Ground Penetrating Radar) and RD (Radiodetection Technology)** for designation and location of underground facilities. This Survey depicts apparent location of underground piping and conduits found during this investigation, and located as accurately as possible, based on best interpretation of signals received and combining it with utility evidences. Horizontal location of utilities is subject to a horizontal clearance of 3 (three) feet, plus or minus. Softdigs/excavation was not performed as part of this locating effort. There might be additional underground facilities not discovered at the time of this survey. AS-Builts of underground utilities were not furnished to this surveyor. This surveyor can't certify if the lines located are actively in service or not. This firm recommends that underground utilities be verified by electromagnetic technology and/or excavation prior to any construction work.
9. **HORIZONTAL ACCURACY:** Accuracy obtained thru measurements and calculations meets and exceeds the minimum horizontal feature accuracy for a Suburban area being equal to 1 foot in 7, 500 feet.
10. **VERTICAL CONTROL AND ACCURACY:** The elevations as shown are referred to the National Geodetic Vertical Datum of 1929 (NGVD 1929). The closure in feet, as computed, meets the standard of plus or minus 0.05 feet times the squared root of the loop distance in miles. Elevation are based on a level loop from and to the following official Bench Marks:
    Bench Mark # 1: Miami-Dade County Public Works Department Bench Mark X-310-R,
    Elevation = 8.12 feet (NGVD29), Elevation = 6.57 feet (NAVD88)
    Bench Mark # 2: Miami-Dade County Public Works Department Bench Mark W-310,
    Elevation = 5.47 feet (NGVD29), Elevation = 3.91t (NAVD88)

I hereby certify to Main Street Engineering that this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey is accurate and correct to the best of my knowledge and belief.

Odalys C Bello
c=US, o=Bello and Bello Land
Surveying Corp.,
dnQualifier=A01410D00000180
BDD60853000C0823,
cn=Odalys C Bello
2023.05.12 09:51:58 -04'00'

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 • State of Florida
Field Work Date: 05/05/2023

LEGEND & ABBREVIATIONS

= CONCRETE (CONC.)
= CONCRETE BLOCK WALL
= WOOD DECK
= COVERED AREA
= ASPHALT
= TILE
= PAVERS
= STONE
= CHAIN LINK FENCE (CLF)
= WOOD FENCE (WF)
= IRON METAL BARS FENCE (IF)
= OVERHEAD WIRES
= WATER VALVE (WV)
= POWER POLE (PP)
= GUY ANCHOR
= WATER METER (WM)
= CONC. LIGHT POLE (LP)
= WELL
= STREET SIGN
= SANITARY MANHOLE
= DRAINAGE MANHOLE
= MANHOLE
= FIRE HYDRANT
= CABLE BOX (CATV)
= FPL TRANSFORMER
= CATCH BASIN OR INLET
= EXISTING ELEVATION
= PERMANENT REFERENCE MONUMENT (PRM)
= PROPERTY CORNER
= PERMANENT CONTROL POINT (PCP)

PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
PCC = POINT OF COMPOUND CURVE
PRC = POINT OF REVERSE CURVE
BM = BENCH MARK
BR = BEARING REFERENCE
TBM = TEMPORARY BENCH MARK
P.L. = PROPERTY LINE
C.L. = CENTER LINE
M.L. = MONUMENT LINE
B = BASE LINE
MEAS = FIELD MEASURED
P = PER PLAT
PSM = PROFESSIONAL SURVEYOR AND MAPPER
A/C = AIR CONDITIONER PAD
ENCR = ENCROACHEMENT
FF ELEV= FINISHED FLOOR ELEVATION
(XX-XX) = DENOTES PLAT BOOK XX - PAGE XX
ORB = OFFICIAL RECORD BOOK
CBS = CONCRETE BLOCK STRUCTURE
R/W = RIGHT OF WAY
ELEV = ELEVATION
SEC = SECTION
T = TOWNSHIP
R = RANGE
CALC = CALCULATED
(R) = RECORD
(CMA X-X) = CITY OF MIAMI MUNICIPAL ATLAS X-X

EL = RED PAINT LINE APPARENT ELECTRIC CONDUIT
TEL = ORANGE PAINT LINE APPARENT TELECOMMUNICATION CABLES
SS = GREEN PAINT LINE APPARENT STORM SEWER LINE
WM = BLUE PAINT LINE APPARENT WATER LINE
= YELLOW PAINT LINE APPARENT GASS LINE
R/W = RIGHT OF WAY LINE

Additions and deletions to this Survey Map are prohibited. This Survey Map and Report are not valid without the signature and original raised seal or without the authenticated electronic signature and seal of the undersigning Florida licensed Surveyor and Mapper.

Property Address: (Reference)
1001 Pennsylvania Avenue, Miami Beach, Florida 33139

Project No. 22986 D.B.: UR Page 1 of 1

BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@belloland.com • www.bellolandsurveying.com

12. Washington Ave & 10th Street

MIAMIBEACH

PUBLIC WORKS DEPARTMENT

5th STREET & OCEAN DR
INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT
OCTOBER 2023
IKE SMART CITY
MIB-006

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

CITY MANAGER: ALINA T. HUDAK

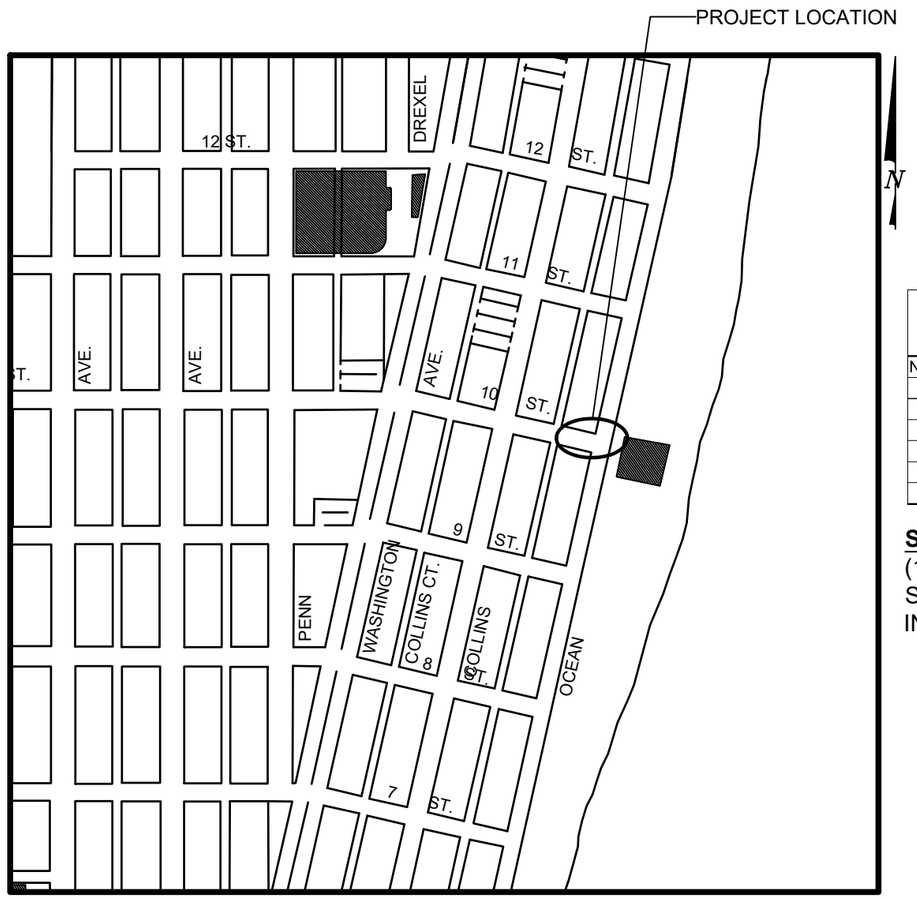
CITY ATTORNEY: RAFAEL A. PAZ

PUBLIC WORKS DIRECTOR: JOE GOMEZ, P.E., F.FES

CITY ENGINEER: NELSON PEREZ-JACOME, PE

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com



LOCATION MAP

MainStreet ENGINEERING
7035 SW 47th Street, Ste A . Miami, Fl. 33155
Tel.: (305) 456-3505 . Fax: (305) 676-8984
FL PE Certificate No.: 00008731

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-006 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-006 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-006 SITE SURVEY	

SCOPE OF WORK: THE PROJECT CONSISTS OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSK AND APPLICABLE INFRASTRUCTURE; STRUCTURAL FOUNDATION AND ELECTRICAL SERVICE AT THE LOCATION INDICATED ON THESE DESIGN PLANS.

FINAL SUBMITTAL 10/09/2023

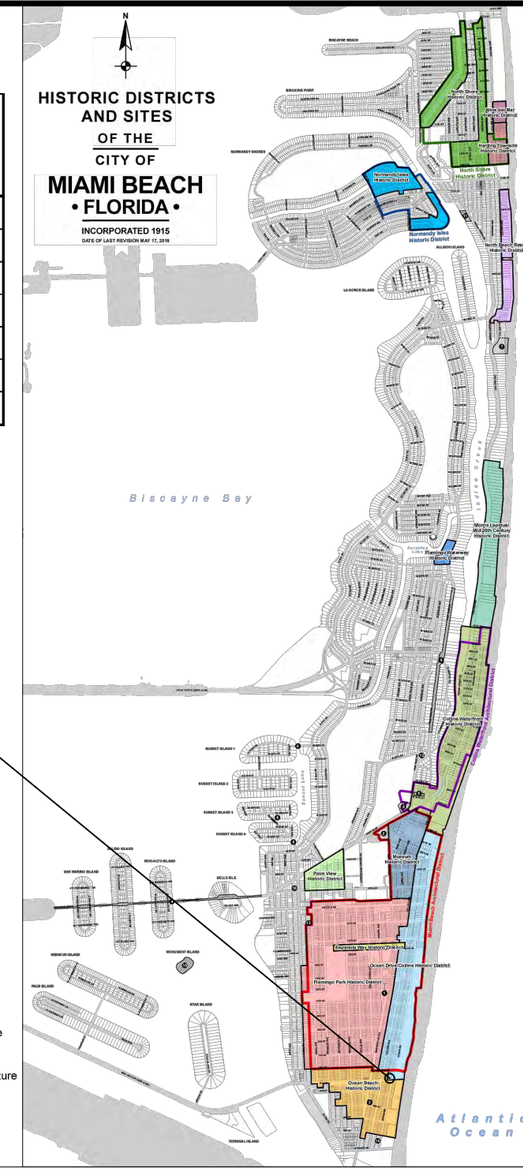
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

Work Order _____ Sheet 0 of 6 Drawing **G0-01**

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-03	INDEX OF SHEETS	
2	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
3	CIVIL	C1-01	CIVIL SITE PLAN	
4	CIVIL	C1-02	KIOSK MIB-006 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-006 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-006 SITE SURVEY	

PROJECT LOCATION
OCEAN DRIVE/COLLINS AVENUE HISTORIC DISTRICT



LOCAL HISTORIC DISTRICTS
- Espanola Way Historic District
- Altos del Mar Historic District
- Flamingo Park Historic District
- Ocean Drive/Collins Avenue Historic District
- Museum Historic District
- Ocean Beach Historic District
- Harding Townsite Historic District
- Palm View Historic District
- Collins Waterfront Historic District
- North Beach Resort Historic District
- Flamingo Waterway Historic District
- Morris Lapidus/Mid 20th Century Historic District
- North Shore Historic District
- Normandy Isles Historic District

NATIONAL REGISTER HISTORIC DISTRICTS
- Miami Beach Architectural District
- Normandy Isles Historic District
- North Shore Historic District
- Collins Waterfront Architectural District

LOCAL HISTORIC SITES
1. Old City Hall Historic Site
2. 21st St Recreation Center Historic Site
3. Congregation Beth Jacob Historic Site
4. Venetian Causeway Historic Site
5. Miami Beach Woman's Club Historic Site
6. Sunset Island Bridges Historic Structures
7. The Bath Club Historic Site
8. Dade Blvd Fire Station Historic Site
9. PineTree Dr Historic Roadway
10. Flagler Memorial and Monument Island Historic Site
11. 69th St Fire Station Historic Site
12. 28th St Obelisk and Pumping Station Historic Structure
13. 1600 Lenox Ave Historic Site
14. 36 Ocean Dr Historic Site
15. 1700 Alton Rd Historic Site

PROJECT DIRECTORY:

PROJECT NAME:
INTERACTIVE DIGITAL INFORMATION KIOSKS DEPLOYMENT PROJECT

JURISDICTION:
CITY OF MIAMI
DEPARTMENT OF RESILIENCE AND PUBLIC WORKS
MIAMI RIVERSIDE CENTER
444 S.W. 2nd AVENUE, 8th FLOOR
MIAMI, FLORIDA 33130
TEL: 305-416-1200

OWNER:
IKE SMART CITY
250 N HARTOFORD AVE
COLUMBUS, OH 43222
(614) 589-0087

ENGINEER OF RECORD:
MAINSTREET ENGINEERING
7035 SW 47 STREET, SUITE A
MIAMI, FL 33155
(305) 456-3505
PROJ. MGR: VANESSA MELA, P.E.
VMELA@MAINSTREETENG.COM

KIOSK MANUFACTURER:
DISPLAY DEVICE INC.
21075 WESTGATE RD.
GOLDEN, CO 80403
CONTACT: ERIC PERKINS
PHONE: (303) 929-4071

UTILITIES:

ELECTRICAL POWER: FLORIDA POWER & LIGHT COMPANY (FPL)

WATER & SEWER: MIAMI-DADE WATER & SEWAGE DEPARTMENT

TELEPHONE: AT&T

CABLE: COMCAST, XFINITY, ATT-UVERSE

GAS: FLORIDA GAS

SIDEWALK & STREET SYMBOLS

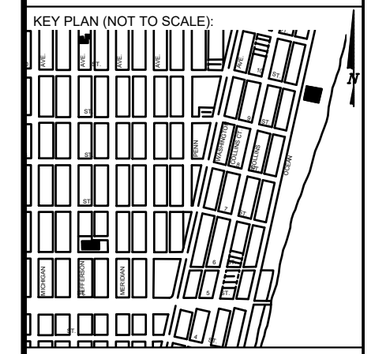
	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

= PALM TREE
= TREE
= ORNAMENTAL TREE
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
ELEV. = ELEVATION
TYP. = TYPICAL
CATV = CABLE TELEVISION
OHE = OVERHEAD ELECTRIC LINE
X 0.00 = SPOT ELEVATION
CONC. = CONCRETE
C.B.S. = CONCRETE BLOCK STUCCO
C.L.F. = CHAIN LINK FENCE
W.F. = WOOD FENCE
M.F. = METAL FENCE
RCP = REINFORCED CONCRETE PIPE
FF = FINISH FLOOR
(R) = RECORD
(C) = CALCULATED
(M) = MEASURE
LB = LICENSE BUSINESS
L = LENGTH
Δ = CENTRAL ANGLE
R = RADIUS
T = TANGENT
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
STA. = STATION
PI = POINT OF INTERSECTION
ID = IDENTIFICATION
MLP = METAL LIGHT POLE
CLP = CONCRETE LIGHT POLE
R/W = RIGHT-OF-WAY
P.B. = PLAT BOOK
= SECTION LINE
= CENTERLINE
= BASELINE
= MONUMENT LINE
TR = TRAFFIC SIGNAL BOX
TR = TRAFFIC SIGNAL CABINET
= BOLLARD
= PEDESTRIAN SIGNAL
= TRAFFIC SIGNAL MAST ARM
= SIGN
TV = CABLE TELEVISION BOX
= LIGHT POLE
E = ELECTRIC BOX
= UTILITY POLE
T = ELECTRIC TRANSFORMER
= GUY ANCHOR
E = ELECTRIC MANHOLE
E = ELECTRIC METER
= GAS VALVE
G = GAS UTILITY BOX
G = GAS MANHOLE
G = GAS TANK
G = GAS METER
C = COMMUNICATION BOX
C = COMMUNICATION MANHOLE
= GARBAGE RECEPTACLE
= HANDICAP PARKING SPACE
W = WATER METER
= IRRIGATION VALVE
= WATER VALVE
= FIRE HYDRANT
W = WATER BOX
= WATER CONNECTION
W = WATER MANHOLE
W = WATER TANK
W = WATER WELL
= WATER MARKING FLAG
= WATER MARKING SIGN
D = STORM MANHOLE
D = STORM METER
= CATCH BASIN
T = TELEPHONE MANHOLE
T = TELEPHONE BOX
N = NEWSPAPER DISPENSER
= MAILBOX
S = SANITARY MANHOLE
S = SANITARY BOX
S = SANITARY TANK
S = SANITARY LIFT STATION
G = GREASE TRAP MANHOLE
= CLEANOUT
= PARKING METER
F = FIBER OPTIC BOX
= FIBER OPTIC MARKER SIGN
= MONITORING WELL
= FUEL TANK
U = UNKNOWN UTILITY BOX
U = UNKNOWN UTILITY METER
U = UNKNOWN UTILITY MANHOLE
U = UNKNOWN UTILITY VALVE
U = UNKNOWN UTILITY MARKER FLAG
S = SANITARY VALVE
= RAILROAD SIGN
= FLAGPOLE
= PROPERTY LINE
= ELECTRICAL OUTLET

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3505 - Fax: (305) 676-8864
FL PE Certificate No.: 00008731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-006: 5TH STREET & OCEAN DRIVE

TITLE: INDEX OF SHEETS

File Name: MIB-006-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 1 of 6 Drawing: G0-03

ADA NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). CLEAR SPACES IN FRONT OF KIOSK SHALL HAVE THE FOLLOWING CHARACTERISTICS:
2. SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT AND OTHERWISE COMPLY WITH PROWAG SECTION R302.7 AND SHALL HAVE A RUNNING SLOPE CONSISTENT WITH GRADE OF THE ADJACENT PEDESTRIANT ACCESS ROUTE AND CROSS SLOPE OF 1.50% +/-0.50%)
3. SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
4. POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
5. APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
6. MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:

6.1.1. FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".

6.1.2. PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".

7. THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
8. INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
9. THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
10. THE MOBILE IKE EXPERIENCE WILL FOLLOW WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) TO WORK IN TANDEM WITH THE NATIVE ACCESSIBILITY FEATURES ON THE USER'S MOBILE DEVICE, INCLUDING TALKBACK AND VOICEOVER TOOLS.

SCOPE OF WORK

THE PROJECT CONSIST OF THE INSTALLATION OF ONE (1) DIGITAL INTERACTIVE KIOSKS AT THE LOCATION(S) INDICATED ON THIS PLANS SET. INSTALLER SHALL PROVIDE AND INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION INCLUDING BUT NOT LIMITED TO:

1. INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
2. ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
3. TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
4. THE CONTRACTOR SHALL INSTALL THE KIOSK IN SUCH A WAY THAT THE KIOSK IS WITHIN THE PUBLIC R.O.W. AND IN COMPLIANCE WITH ALL APPLICABLE A.D.A. REQUIREMENTS
5. THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
6. STAND-ALONE PEDESTRIAN KIOSKS SHOULD NOT BE INSTALLED WITHIN PEDESTRIAN CIRCULATION PATHS IN A MANNER THAT PERSONS AT THE KIOSK LOCK THE EFFECTIVE WIDTH OF THE PEDESTRIAN TRAVEL WAY.

MONUMENT SIGN SPECIFICATIONS AND FUNCTIONS

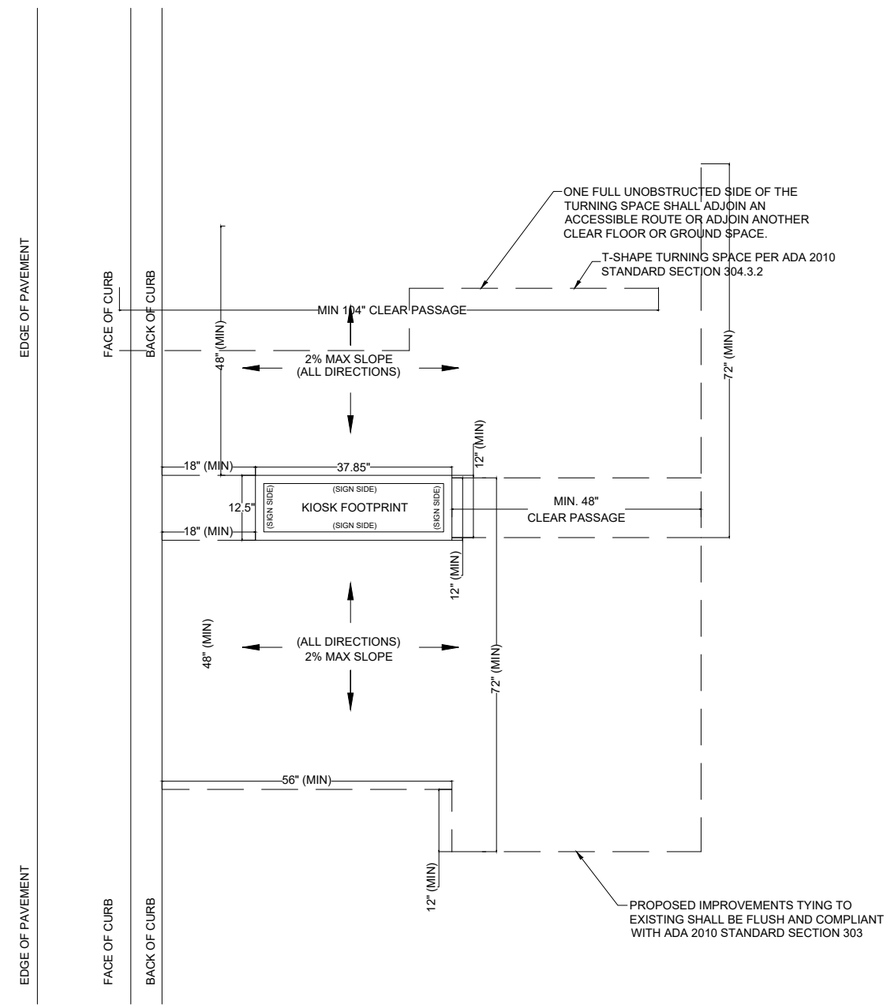
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

1. TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2. TWO (2) CAMERAS
3. ONE (1) CPU
4. ONE (1) WI-FI TRANSMITTER

MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

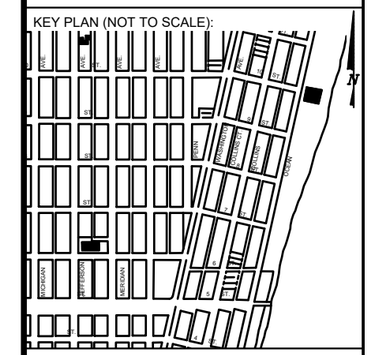
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



ADA T-SHAPED TURNAROUND SHAPE
NTS

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7030 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456-3505 , Fax: (305) 676-5964
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-006: 5TH STREET & OCEAN DRIVE

TITLE: ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS

File Name: MIB-006-GENERAL AND FOUNDATION.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 2 of 6 Drawing: G0-04

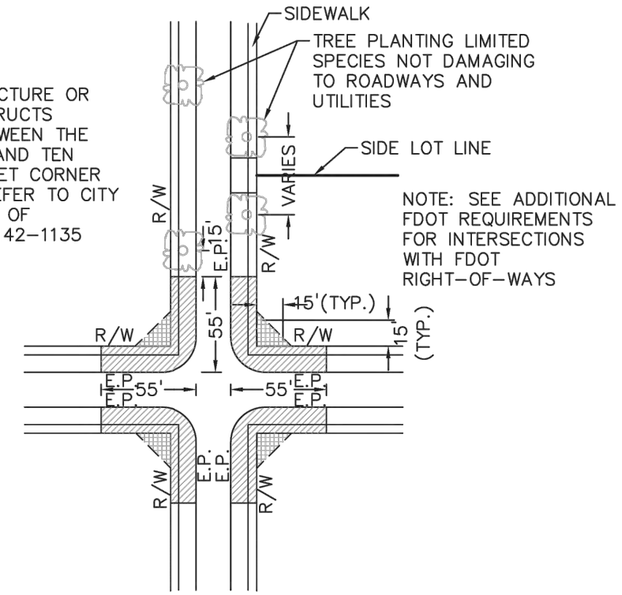
LEGEND

AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142–1135

NO PLANTING OR STRUCTURE PERMITTED WITHIN THESE LIMITS WHICH OBSTRUCTS TRAFFIC VISIBILITY.

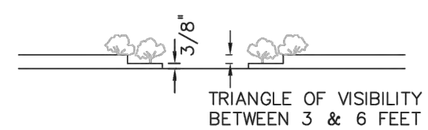
E.P. EDGE OF PAVEMENT

R/W RIGHT OF WAY



NOTE: SEE ADDITIONAL FDOT REQUIREMENTS FOR INTERSECTIONS WITH FDOT RIGHT–OF–WAYS

PLAN VIEW
N.T.S.



TRIANGLE OF VISIBILITY BETWEEN 3 & 6 FEET

ELEVATION VIEW
N.T.S.

NOTES:

1. AT INTERSECTIONS WITH ALL–WAY STOP CONTROL, THE FIRST STOPPED VEHICLE ON ONE APPROACH SHOULD BE VISIBLE TO THE DRIVERS OF THE FIRST STOPPED VEHICLES ON EACH OF THE OTHER APPROACHES. THERE ARE NO OTHER SIGHT DISTANCE CRITERIA APPLICABLE TO INTERSECTIONS WITH ALL–WAY STOP CONTROL AND, INDEED, ALL–WAY CONTROL MAY BE THE BEST OPTION AT A LIMITED NUMBER OF INTERSECTIONS WHERE SIGHT DISTANCE FOR OTHER CONTROL TYPES CANNOT BE ATTAINED.

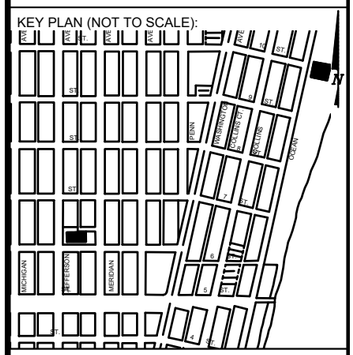
2. FOR TWO–WAY STOP INTERSECTIONS, SIGHT DISTANCE CRITERIA FOR STOP CONTROLLED INTERSECTIONS ARE LONGER THAN STOPPING SIGHT DISTANCE TO ENSURE THAT THE INTERSECTION OPERATES SMOOTHLY. MINOR– ROAD VEHICLE OPERATORS CAN WAIT UNTIL THEY CAN PROCEED SAFELY WITHOUT A MAJOR–ROAD VEHICLE TO STOP.

MIAMIBEACH PUBLIC WORKS DEPARTMENT 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139	APPROVED	REVISED 07/2020 09/2020	TITLE: SIGHT RESTRICTIONS AT INTERSECTIONS WITH NO DEDICATED RADII	DETAIL 10-26

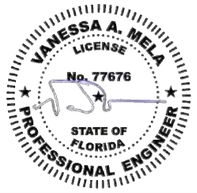
SIGHT TRIANGLE CLEARANCE

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A , Miami, FL 33155
Tel.: (305) 456–3000 , Fax: (305) 676–8864
FL PE Certificate No.: 00008731

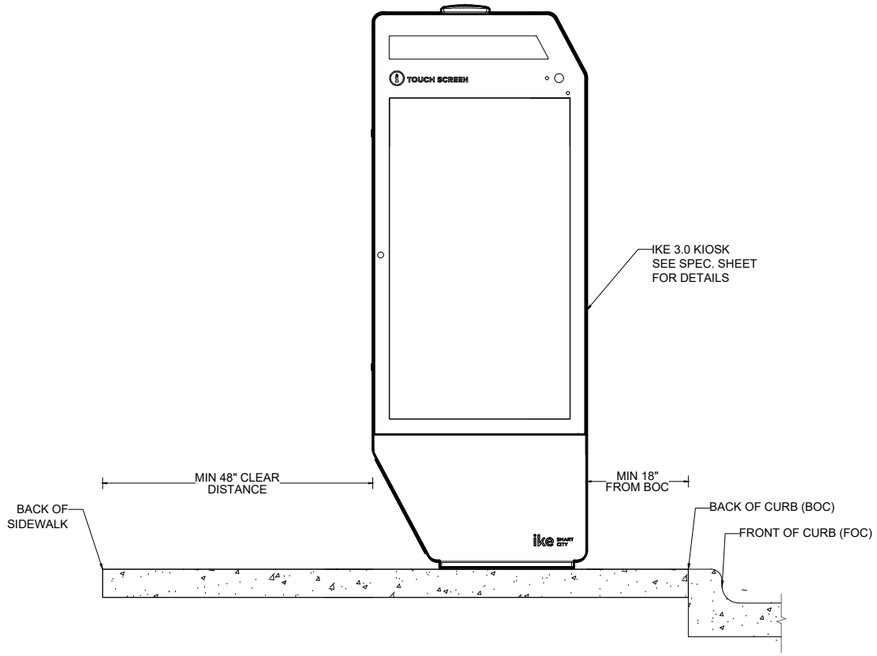
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE:

NEIGHBORHOOD: MIB-006: 5TH STREET & OCEAN DRIVE

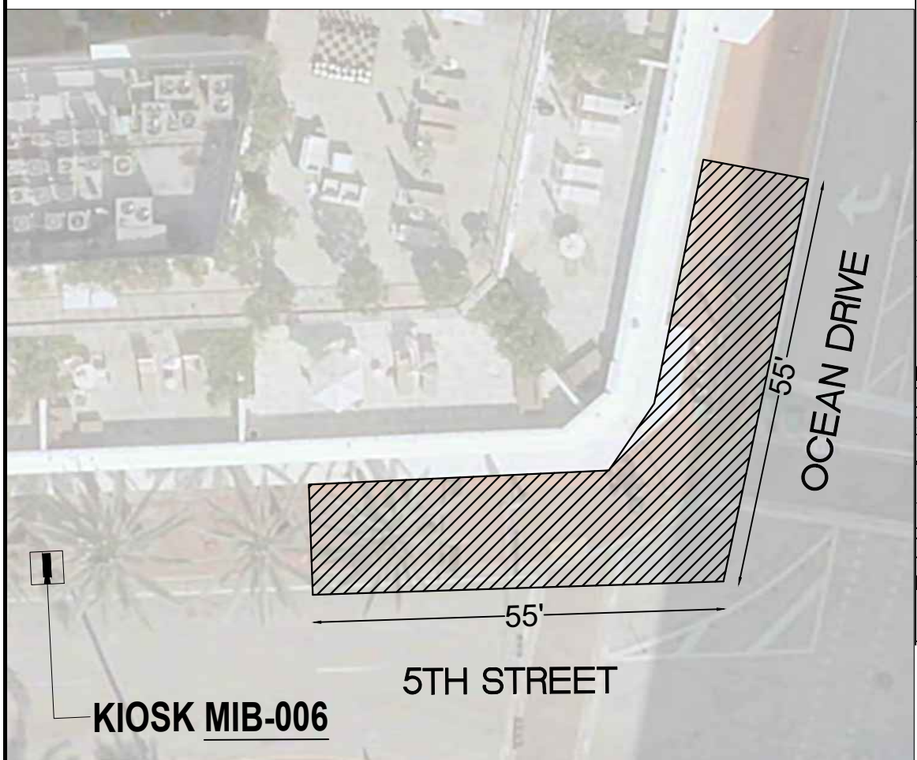
TITLE: CIVIL SITE PLAN

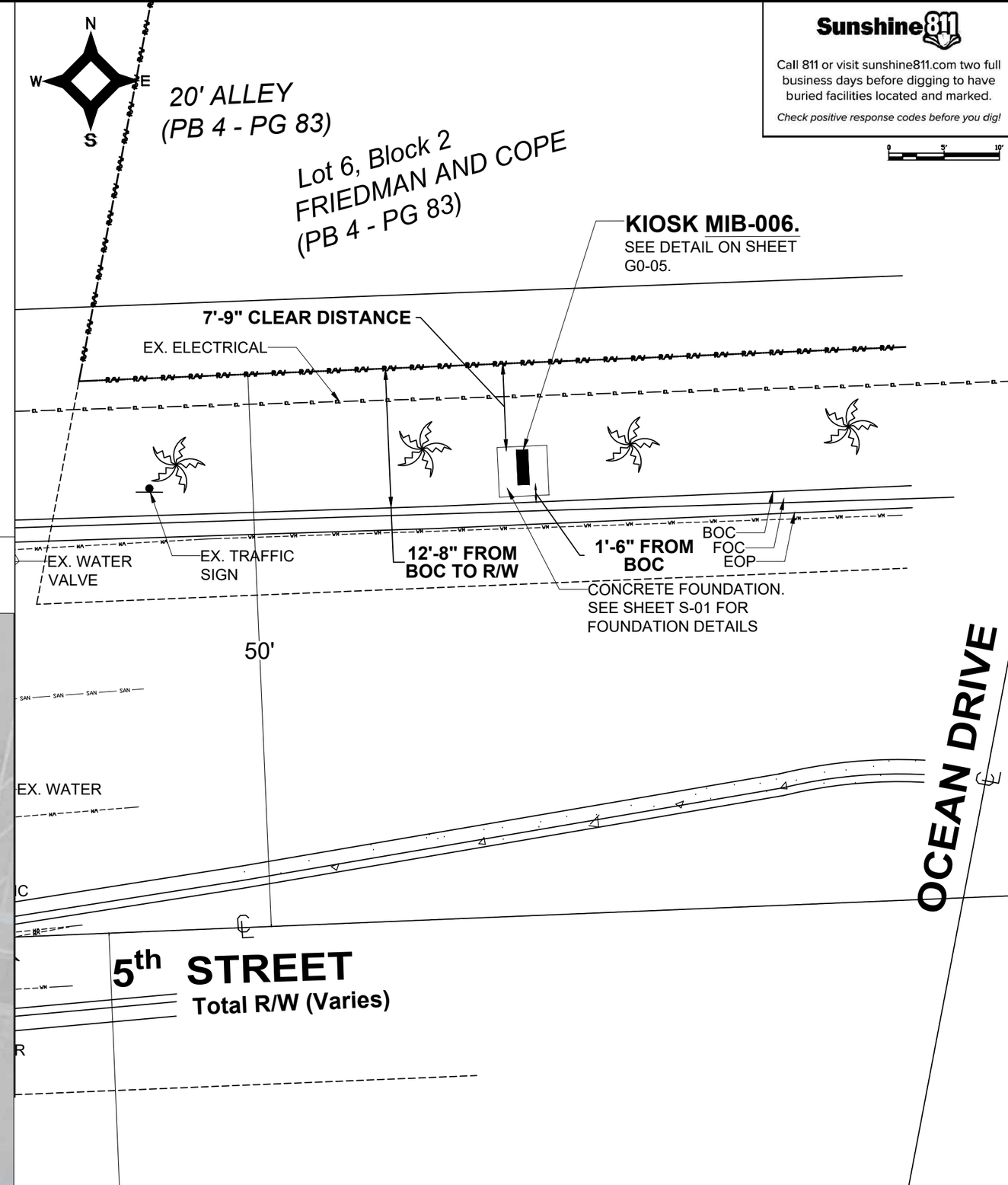
File Name: MIB-006-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 3 of 6 Drawing: C1-01



VISIBILITY TRIANGLE CLEARANCE ANAYLSIS

SCALE: 1'-10"





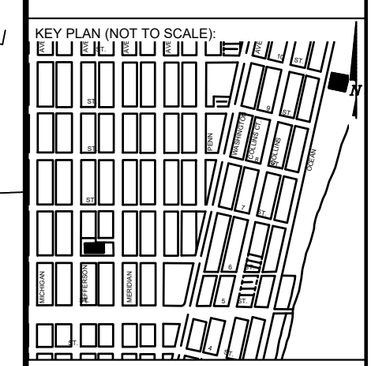
Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

NOTES:

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMIBEACH
PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTIÑEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3055 Fax: (305) 676-5984
FL PE Certificate No.: 00006731

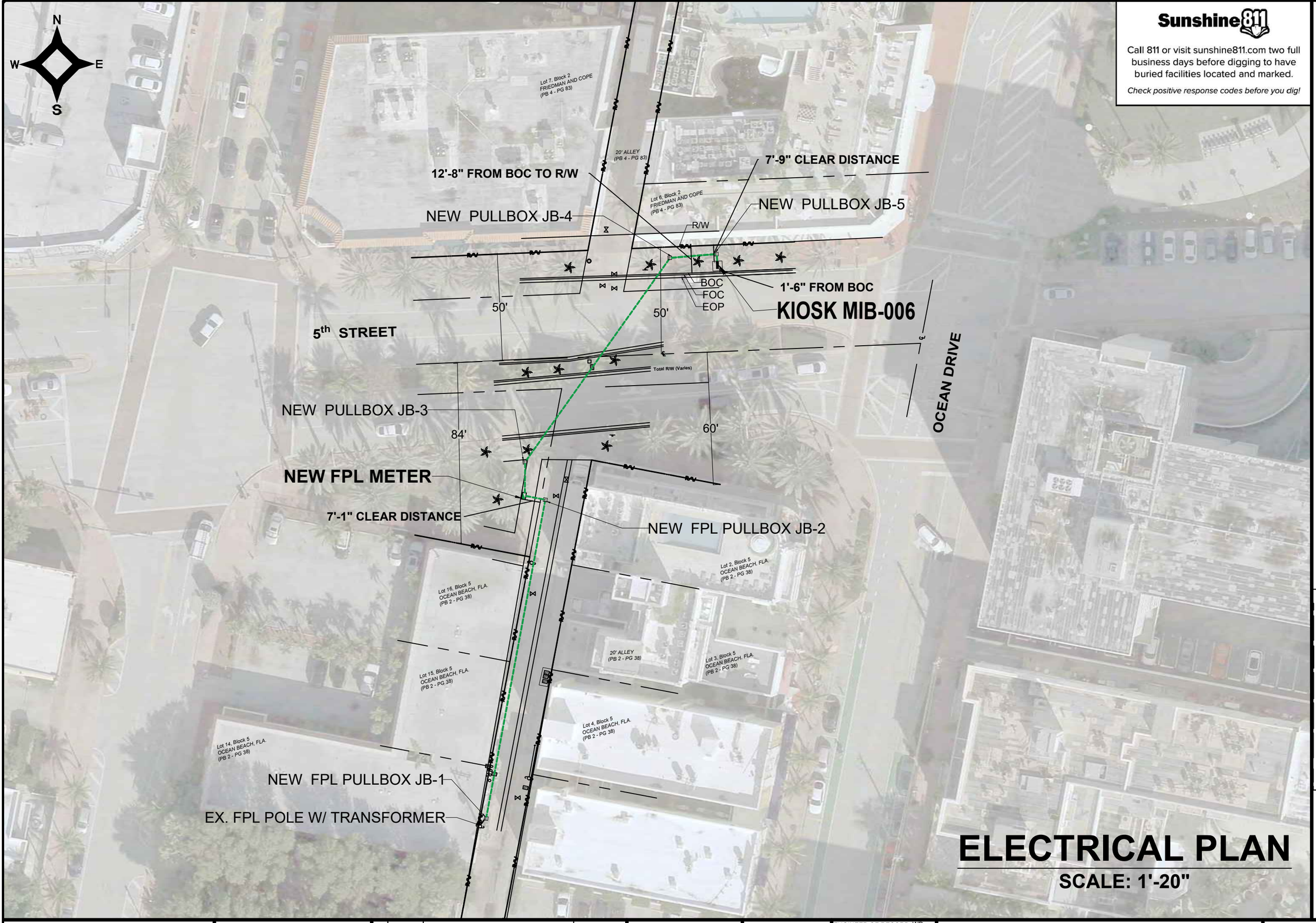
ENGINEER OF RECORD:
VANESSA A. MELA, P.E. NO. 77676

ENGINEER OF RECORD: VM
DESIGN ENGINEER: VM
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=5'

NEIGHBORHOOD: MIB-006: 5TH STREET & OCEAN DRIVE

TITLE: KIOSK MIB-006 ENGINEERING PLAN

File Name: MIB-006-CIVIL PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 4 of 6 Drawing: C1-02



Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

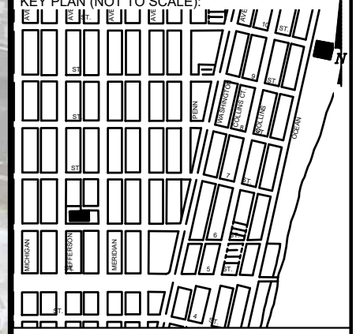
Check positive response codes before you dig!

NOTES:

ELECTRICAL PLAN

SCALE: 1'-20"

KEY PLAN (NOT TO SCALE):



P.E. SEAL:

MIAMIBEACH

PUBLIC WORKS DEPARTMENT
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL.33139

CITY MANAGER: ALINA T. HUDAK
DIRECTOR: JOE GOMEZ, P.E.
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

NO.	DATE	REVISION	APP'D. BY
5			
4			
3			
2			
1			

MainStreet ENGINEERING
7035 SW 47th Street, Ste A - Miami, FL 33155
Tel.: (305) 456-3005 - Fax: (305) 675-8064
FL PE Certificate No.: 00006731

ENGINEER OF RECORD:
WILLIAM E. PINO, P.E. NO. 32026

ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=20'

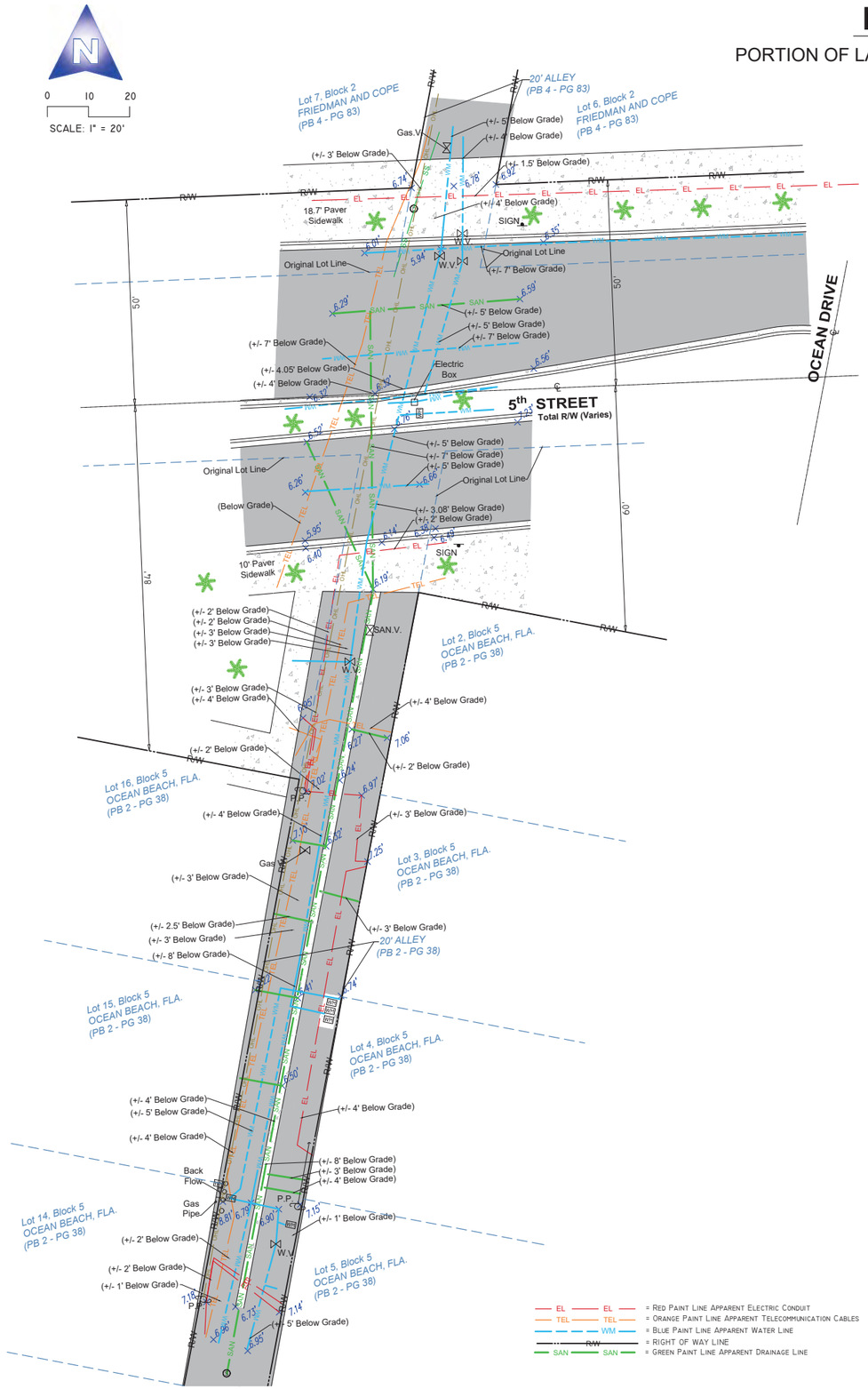
NEIGHBORHOOD: MIB-006: 5TH STREET & OCEAN DRIVE

TITLE: KIOSK MIB-006 ELECTRICAL PLAN

File Name: MIB-006-ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 10/09/2023 Sheet: 5 of 6 Drawing: E1-01

MAP OF TOPOGRAPHIC SURVEY

PORTION OF LANDS LYING IN SECTIONS 3, TOWNSHIP 54 SOUTH, RANGE 42 EAST
CITY OF MIAMI, MIAMI-DADE COUNTY, FLORIDA.



LOCATION MAP

Not to Scale

SURVEYOR'S REPORT AND GENERAL NOTES
(Not valid without the attached Survey Map)

1. This is not a Boundary Survey. This is a Topographic survey of a portion of public right of ways. The underlying subdivisions as depicted on the survey is the following:
   That Plat of **OCEAN BEACH, FLA. & FRIEDMAN AND COPE**, according to the plat thereof, as recorded in Plat Book 2, Page 38, Plat Book 4, Page 83 of the Public Records of Miami-Dade County, Florida. These lands are subject to restrictions of record that were not furnished to the undersigning registered surveyor. A title search has not been performed by the surveyor.
2. North arrow direction is based on an assumed Meridian. Bearings are based on an assumed meridian on a well-established line, said line is being noted as BR on the Survey Map.
3. Foundations and/or any other underground structures have not been located.
4. Survey markers found in the field have no identification unless otherwise shown. Any survey marker set by our company is labeled LB 7262 or PSM 6169.
5. This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
6. This Survey Map is being prepared for the use of the party/parties that it is certified to and does not extend to any unnamed individual, entity or assignee.
7. **FLOODPLAIN INFORMATION:** As scaled from Federal Insurance Rate Map (FIRM) of Community No. 120651 (City of Miami), Panel 0319, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "AE" with Base Flood Elevation 8 feet (NGVD 1929)
8. **SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVEL B for investigation of underground utilities was performed as part of this survey using GPR (Ground Penetrating Radar) and RD (Radiodetection Technology)** for designation and location of underground facilities. This Survey depicts apparent location of underground piping and conduits found during this investigation, and located as accurately as possible, based on best interpretation of signals received and combining it with utility evidences. Horizontal location of utilities is subject to a horizontal clearance of 3 (three) feet, plus or minus. Softdigs/excavation was not performed as part of this locating effort. There might be additional underground facilities not discovered at the time of this survey. AS-Builts of underground utilities were not furnished to this surveyor. This surveyor can't certify if the lines located are actively in service or not. This firm recommends that underground utilities be verified by electromagnetic technology and/or excavation prior to any construction work.
9. **HORIZONTAL ACCURACY:** Accuracy obtained thru measurements and calculations meets and exceeds the minimum horizontal feature accuracy for a Suburban area being equal to 1 foot in 7, 500 feet.
10. **VERTICAL CONTROL AND ACCURACY:** The elevations as shown are referred to the National Geodetic Vertical Datum of 1929 (NGVD 1929). The closure in feet, as computed, meets the standard of plus or minus 0.05 feet times the squared root of the loop distance in miles. Elevation are based on a level loop from and to the following official Bench Marks:
    Bench Mark # 1: Miami-Dade County Public Works Department Bench Mark D-146,
    Elevation = 8.80 feet (NGVD29), Elevation = 7.25 feet (NAVD88)
    Bench Mark # 2: Miami-Dade County Public Works Department Bench Mark D-116,
    Elevation = 5.03 feet (NGVD29), Elevation = 3.48 feet (NAVD88)

I hereby certify to Main Street Engineering that this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey is accurate and correct to the best of my knowledge and belief.

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 • State of Florida
Field Work Date: 05/10/2023

LEGEND & ABBREVIATIONS

= CONCRETE (CONC.)
= CONCRETE BLOCK WALL
= WOOD DECK
= COVERED AREA
= ASPHALT
= TILE
= PAVERS
= STONE
= CHAIN LINK FENCE (CLF)
= WOOD FENCE (WF)
= IRON METAL BARS FENCE (IF)
= OVERHEAD WIRES
= WATER VALVE (WV)
= POWER POLE (PP)
= GUY ANCHOR
= WATER METER (WM)
= CONC. LIGHT POLE (LP)
= WELL
= STREET SIGN
= SANITARY MANHOLE
= DRAINAGE MANHOLE
= MANHOLE
= FIRE HYDRANT
= CABLE BOX (CATV)
= FPL TRANSFORMER
= CATCH BASIN OR INLET
x X.X' = EXISTING ELEVATION
= PERMANENT REFERENCE MONUMENT (PRM)
= PROPERTY CORNER
= PERMANENT CONTROL POINT (PCP)

PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
PCC = POINT OF COMPOUND CURVE
PRC = POINT OF REVERSE CURVE
BM = BENCH MARK
BR = BEARING REFERENCE
TBM = TEMPORARY BENCH MARK
℄ = PROPERTY LINE
℄ = CENTER LINE
M = MONUMENT LINE
B = BASE LINE
MEAS = FIELD MEASURED
P = PER PLAT
PSM = PROFESSIONAL SURVEYOR AND MAPPER
A/C = AIR CONDITIONER PAD
ENCR = ENCROACHEMENT
FF ELEV= FINISHED FLOOR ELEVATION
(XX-XX) = DENOTES PLAT BOOK XX - PAGE XX
ORB = OFFICIAL RECORD BOOK
CBS = CONCRETE BLOCK STRUCTURE
R/W = RIGHT OF WAY
ELEV = ELEVATION
SEC = SECTION
T = TOWNSHIP
R = RANGE
CALC = CALCULATED
(R) = RECORD
(CMA X-X) = CITY OF MIAMI MUNICIPAL ATLAS X-X

Additions and deletions to this Survey Map are prohibited. This Survey Map and Report are not valid without the signature and original raised seal or without the authenticated electronic signature and seal of the undersigning Florida licensed Surveyor and Mapper.

Property Address:
436 Ocean Drive, Miami Beach, Florida 33139 (Reference)
Project No. 22985 D.B.: UR Page 1 of 1

BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@belloland.com • www.bellolandsurveying.com

13. Ocean Drive & 5th Street