

MIAMI BEACH

PUBLIC WORKS DEPARTMENT

INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT

FEBRUARY 2024
IKE SMART CITY

MIB-023: COLLINS AVENUE (SR-A1A) & LINCOLN ROAD
MIB-024: COLLINS AVENUE (SR-A1A) & 16TH STREET

CITY OF MIAMI BEACH

MAYOR: STEVEN MEINER

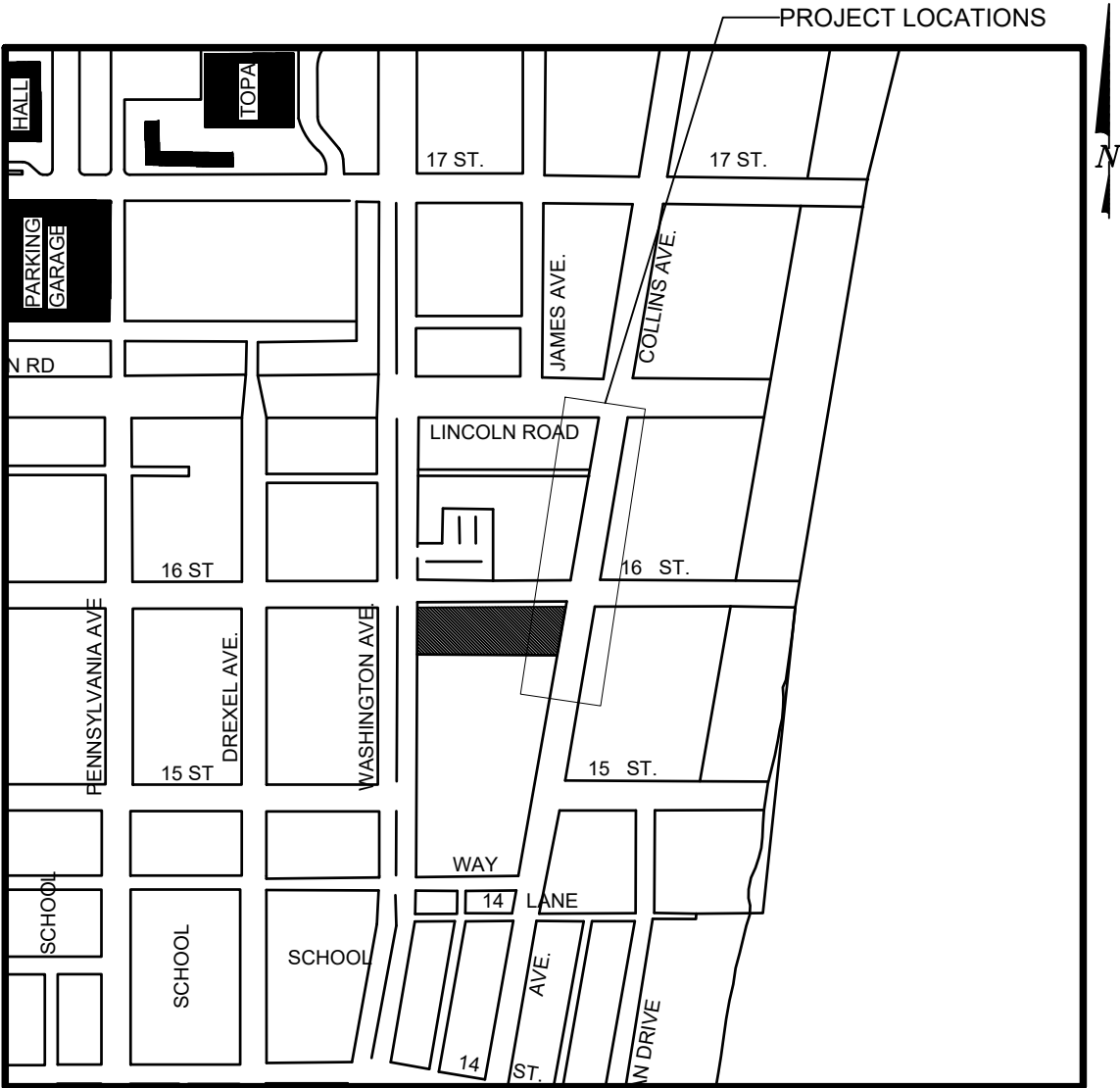
COMMISSIONERS: KRISTEN ROSEN GONZALEZ
LAURA DOMINGUEZ
ALEX J. FERNANDEZ
TANYA K. BHATT
DAVID SUAREZ
JOSEPH MAGAZINE

CITY MANAGER: ALINA T. HUDAK

CITY ATTORNEY: RAFAEL A. PAZ

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

CITY ENGINEER: CRISTINA ORTEGA

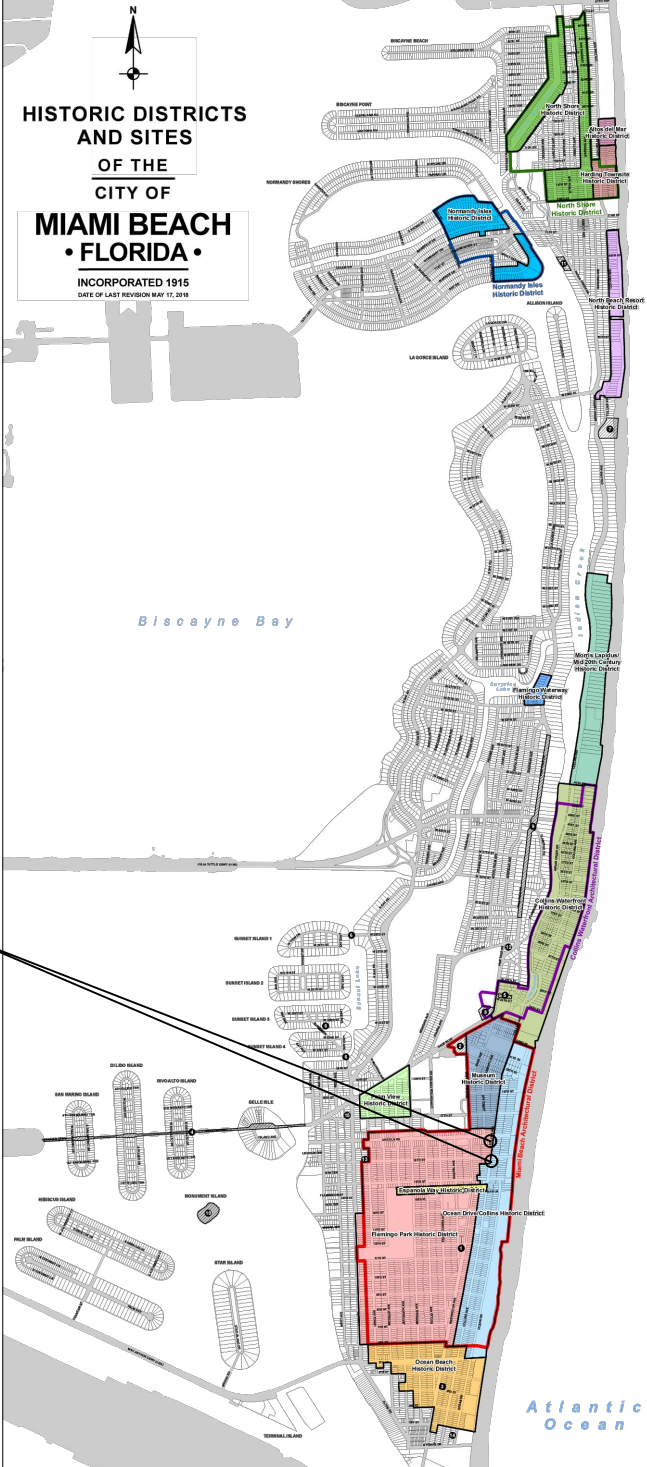


INDEX OF PLANS

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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.

INDEX OF PLANS				
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10	SURVEY		KIOSK MIB-023 & MIB-024 SITE SURVEY	



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:

LOCAL HISTORIC DISTRICTS		NATIONAL REGISTER HISTORIC DISTRICTS	LOCAL HISTORIC SITES
	Espanola Way Historic District		1 Old City Hall Historic Site
	Altos del Mar Historic District		2 21st St Recreation Center Historic Site
	Flamingo Park Historic District		3 Congregation Beth Jacob Historic Site
	Ocean Drive/Collins Avenue Historic District		4 Venetian Causeway Historic Site
	Museum Historic District		5 Miami Beach Woman's Club Historic Site
	Ocean Beach Historic District		6 Sunset Island Bridges Historic Structures
	Harding Townsite Historic District		7 The Bath Club Historic Site
	Palm View Historic District		8 Dade Blvd Fire Station Historic Site
	Collins Waterfront Historic District		9 PineTree Dr Historic Roadway
	North Beach Resort Historic District		10 Flagler Memorial and Monument Island Historic Site
	Flamingo Waterway Historic District		11 69th St Fire Station Historic Site
	Morris Lapidus/Mid 20th Century Historic District		12 28th St Obelisk and Pumping Station Historic Structure
	North Shore Historic District		13 1600 Lenox Ave Historic Site
	Normandy Isles Historic District		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

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NO.	DATE	REVISION	APP'D. BY

ADA NOTES

- 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:
- 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%)
- SIZE: CLEAR SPACES SHALL BE 48" MINIMUM BY 48" MINIMUM.
- POSITION: UNLESS OTHERWISE SPECIFIED, CLEAR SPACES SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO THE KIOSK.
- APPROACH: ONE FULL UNOBSTRUCTED SIDE OF A CLEAR SPACE SHALL ADJOIN A PEDESTRIAN ACCESS ROUTE OR ADJOIN ANOTHER CLEAR SPACE.
- MANEUVERING SPACE: WHERE A CLEAR SPACE IS CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING SPACE SHALL BE PROVIDED AS FOLLOWS:
 - FORWARD APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 24".
 - PARALLEL APPROACH: THE CLEAR SPACE AND ADDITIONAL MANEUVERING SPACE SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH OF THE CONFINING ELEMENT EXCEEDS 15".
- THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 48" PER PROWAG SECTION R302.3.
- INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION SECTION R404. TO THE INTERNET.
- THE KIOSKS HAVE BEEN DESIGN TO COMPLY WITH ALL ADA GUIDELINES INCLUDING VIEWING, OPERATION, AND ACCESSIBILITY.
- 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:

- INSTALLATION OF THE KIOSKS TO THE FOUNDATION AS INDICATED ON PLANS TO NEW RECTANGULAR CONCRETE FOUNDATION.
- ELECTRICAL SERVICE POINTS ARE EXISTING. CONNECT THE EXISTING ELECTRIC SERVICE TO THE NEW KIOSK AS INDICATED ON PLANS.
- TESTING OF THE ELECTRICAL SERVICE INFRASTRUCTURE SHALL BE PERFORMED IN CONJUNCTION WITH A REPRESENTATIVE OF THE ENGINEER OF RECORD.
- 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
- THE LOCATION OF KIOSKS HAS BEEN COORDINATE TO ENSURE THERE IS NO OBSTRUCTION OF THE SIGHT OF VEHICULAR SIGNS.
- 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

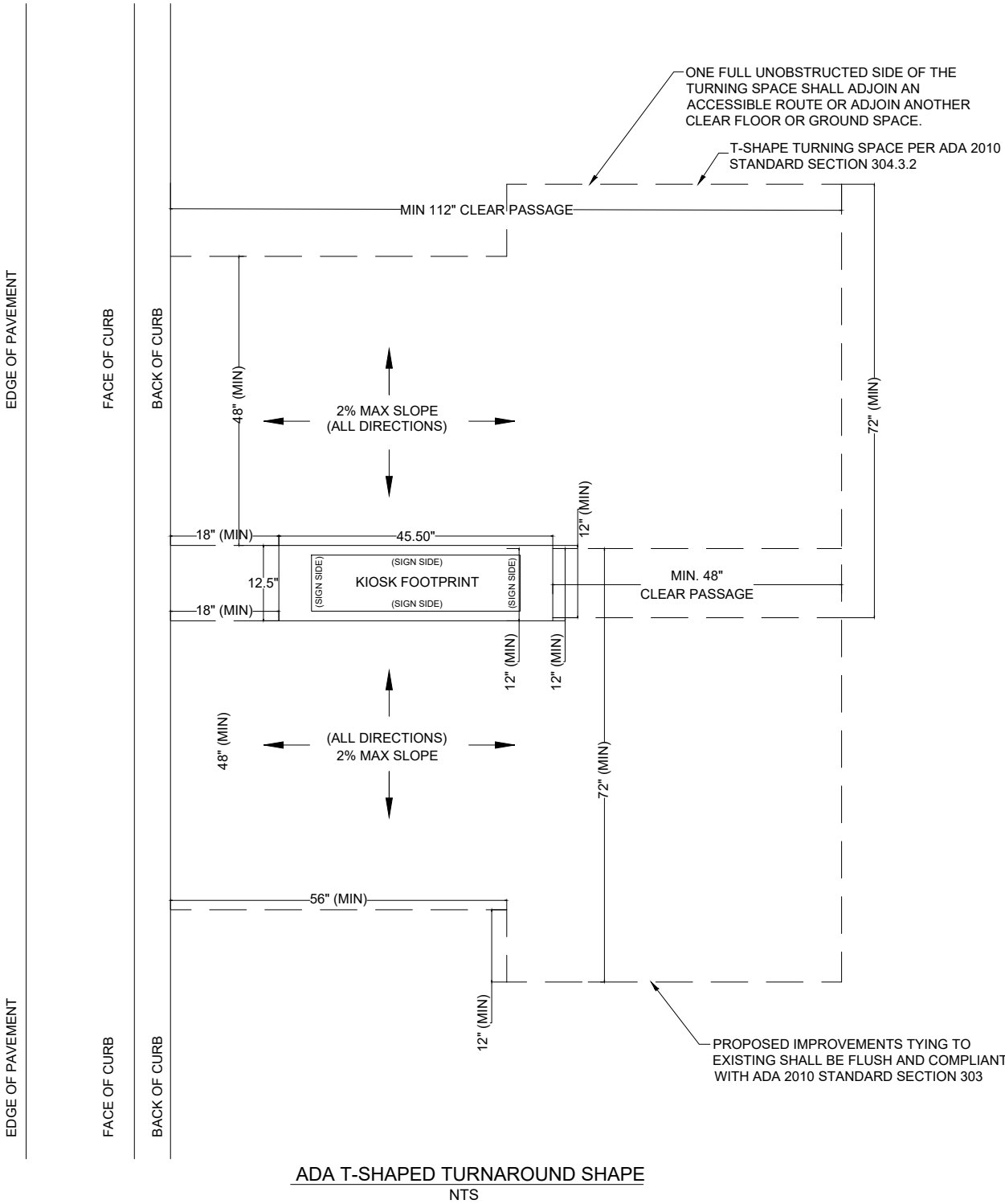
THE UNIT CONSISTS OF A UL/NRTL LISTED WEATHER AND VANDAL RESISTANT FREE STANDING ENCLOSURE DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES INCLUDING THE NATIONAL ELECTRICAL CODE. THE UNIT HAS BEEN DESIGNED TO WITHSTAND WINDS OF 165 MPH. THE UNIT'S MAIN COMPONENTS ARE:

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

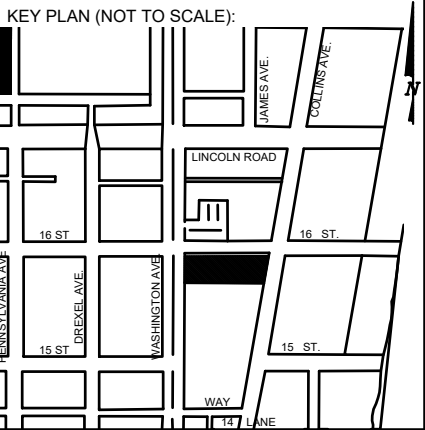
MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:

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

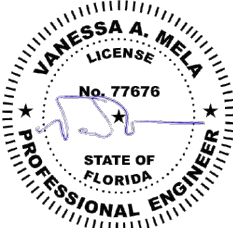
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



NOTES:



P.E. SEAL:



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

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NO.	DATE	REVISION	APP'D. BY



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:

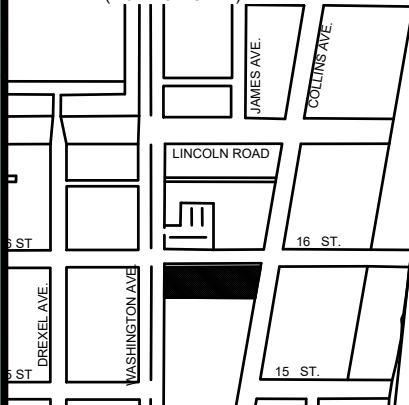
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Date: 02/09/2024 Sheet: 3 of 10 Drawing: G0-04

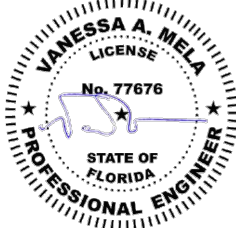


Sunshine811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMI BEACH
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.

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NO.	DATE	REVISION	APP'D. BY

Main Street
ENGINEERING
7442 SW 48th Street, Miami, FL 33155
Tel: (305) 406-3000
FL PE Certificate No.: 00006731

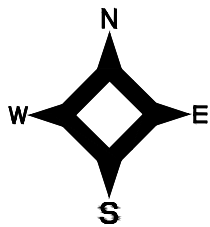
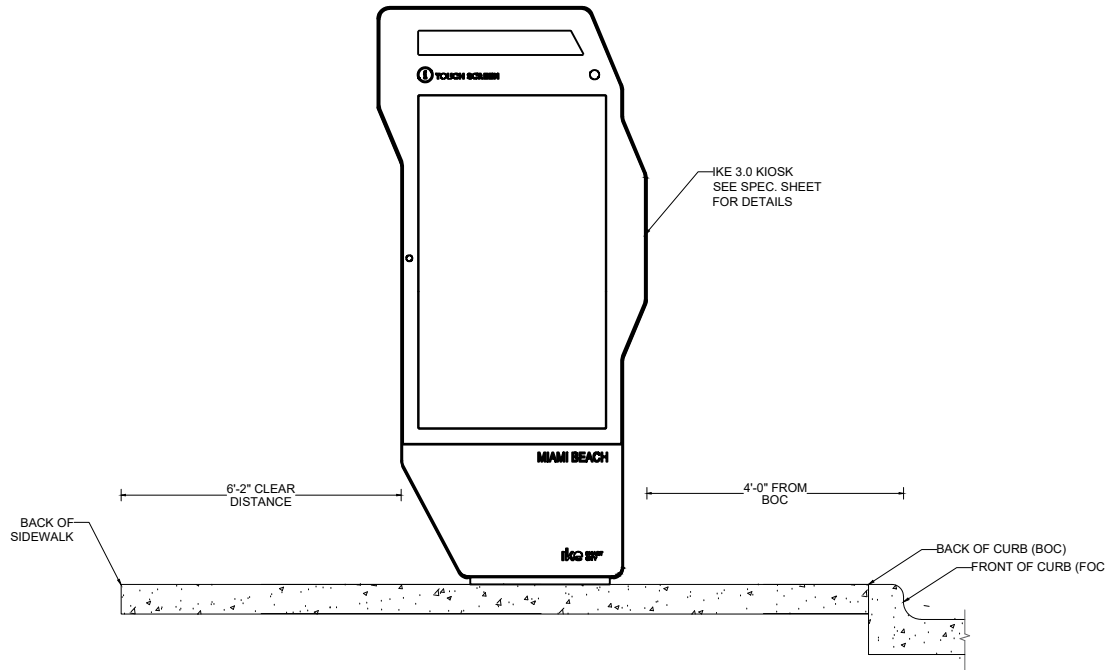
ENGINEER OF RECORD:
VANESSA A. MELA,
P.E. NO. 77676

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: 02/09/2024 Sheet: 4 of 10 Drawing: C1-01



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VISIBILITY TRIANGLE CLEARANCE ANALYSIS

SCALE: 1'-40"

KIOSK MIB-023

FDOT EXHIBIT 212-5

V = 30 MPH
dr = 120 ft
dl = 255 ft

14'-6" FROM BOC TO R/W

KIOSK MIB-023.
SEE DETAIL ON SHEET
G0-05.

6'-2"
CLEAR
DISTANCE

6'-8" TO
R/W

EX. ELECTRIC BOX
EX. LIGHT POLE

EX. 5G POLE ANTENNA
EX. ELECTRIC BOX

R/W

EX. CLEAN-OUT

BOC

FOC

EOP

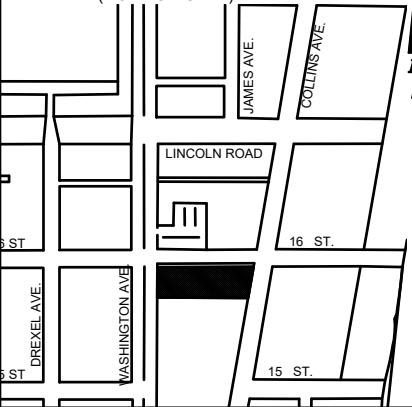
CONCRETE FOUNDATION.
SEE SHEET S-01 FOR
FOUNDATION DETAILS

4'-0"
FROM
BOC

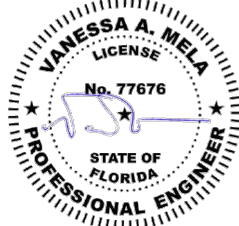
2' C&G

(E)

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMI BEACH

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.

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1				
NO.	DATE	REVISION	APP'D. BY	



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: 02/09/2024 Sheet: 5 of 10 Drawing: C1-02

ELECTRICAL SITE PLAN

SCALE: 1"=50'



EXISTING FPL PULLBOX
JB-1 W/ 120-240V BOOTS

EX. FPL 120/240V
PULLBOX W/BOOTS

NEW FPL PULLBOX JB-2

NEW PULLBOX JB-3

NEW PULLBOX JB-4

AREA 1
SHEET E1-01

NEW FPL METER

NEW KIOSK MIB-023

NEW PULLBOX JB-5

NEW PULLBOX JB-6

NEW PULLBOX JB-7

NEW KIOSK MIB-024

AREA 2
SHEET E1-02



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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.

5			
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NO.	DATE	REVISION	APP'D. BY



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

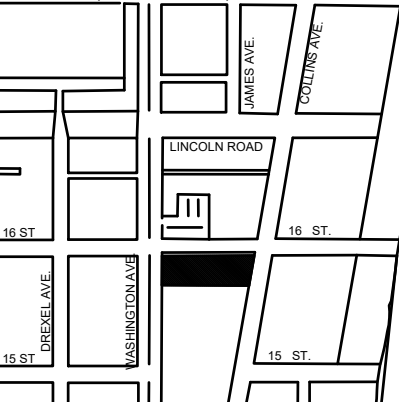
ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE:

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: 02/09/2024 Sheet: 7 of 10 Drawing: E0-01

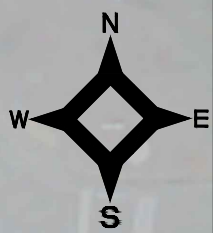
KEY PLAN (NOT TO SCALE):



P.E. SEAL:



NOTES:



EXISTING FPL
PULLBOX JB-1 W/
120-240V BOOTS

LINCOLN ROAD
100' Total R/W (Per PB 6-PG 34
and PB 34-PG 66)

MIB-023 ELECTRICAL PLAN AREA 1- SCALE: 1'-10"

COLLINS AVENUE
80' Total R/W (Per PB 6-PG 34
and PB 34-PG 66)

EOP
FOC
BOC

R/W LINE

NEW FPL PULLBOX JB-2

10'-1"
CLEAR
DISTANCE

NEW FPL METER

NEW PULLBOX JB-3

NEW KIOSK MIB-023

6'-2"
CLEAR
DISTANCE

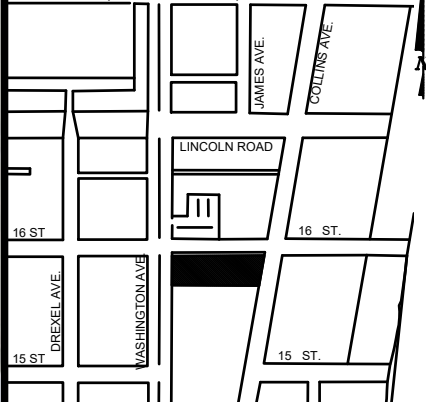
14'-6" FROM BOC
TO R/W

4'-0"
FROM
BOC

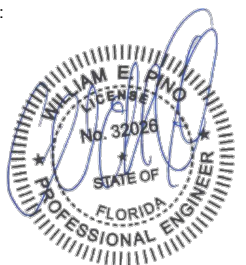
Sunshine811

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Check positive response codes before you dig!

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



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



SPECIFIC PURPOSE SURVEY



LOCATION MAP

Not to Scale

SURVEYOR'S REPORT AND GENERAL NOTES

(Not valid without the attached Survey Map)

- This is not a Boundary Survey.
- 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.
- 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.
- 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.
- 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.
- This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
- 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.
- 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)
- 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.
- 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.

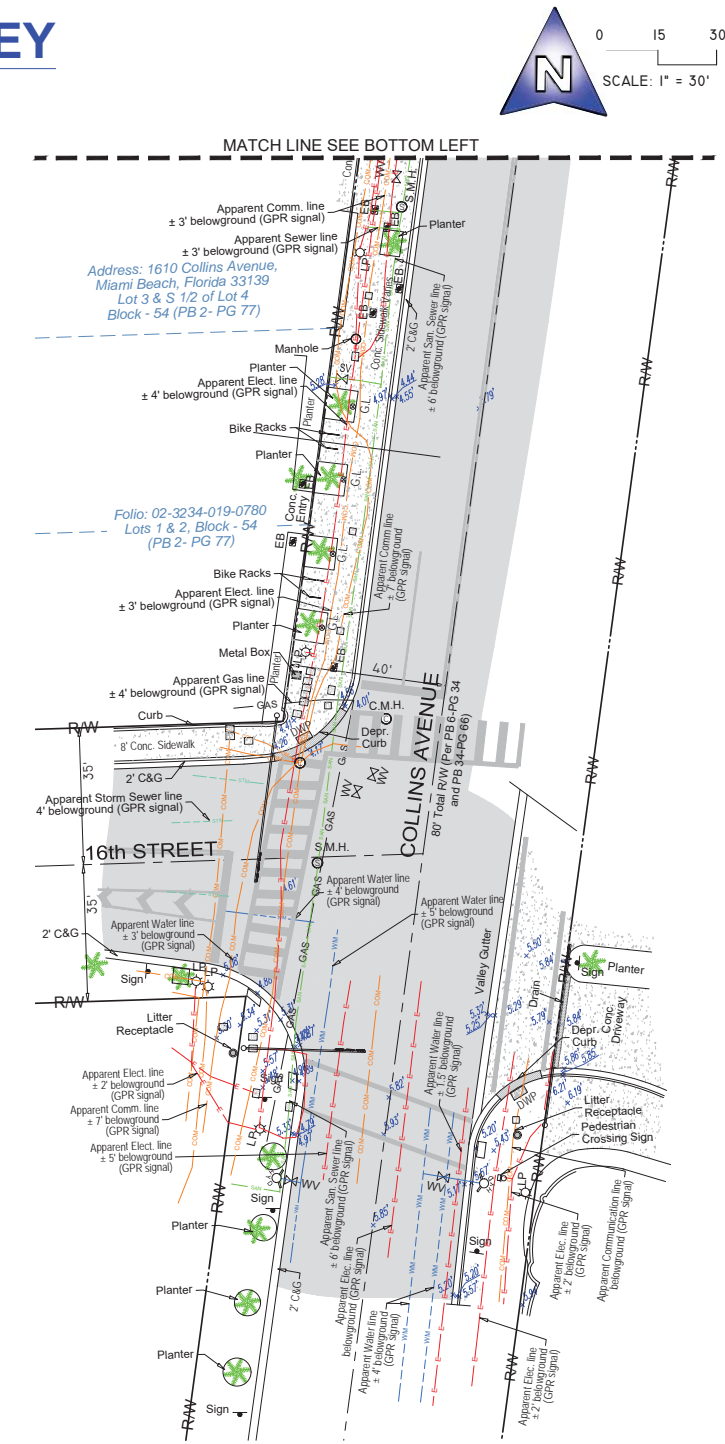
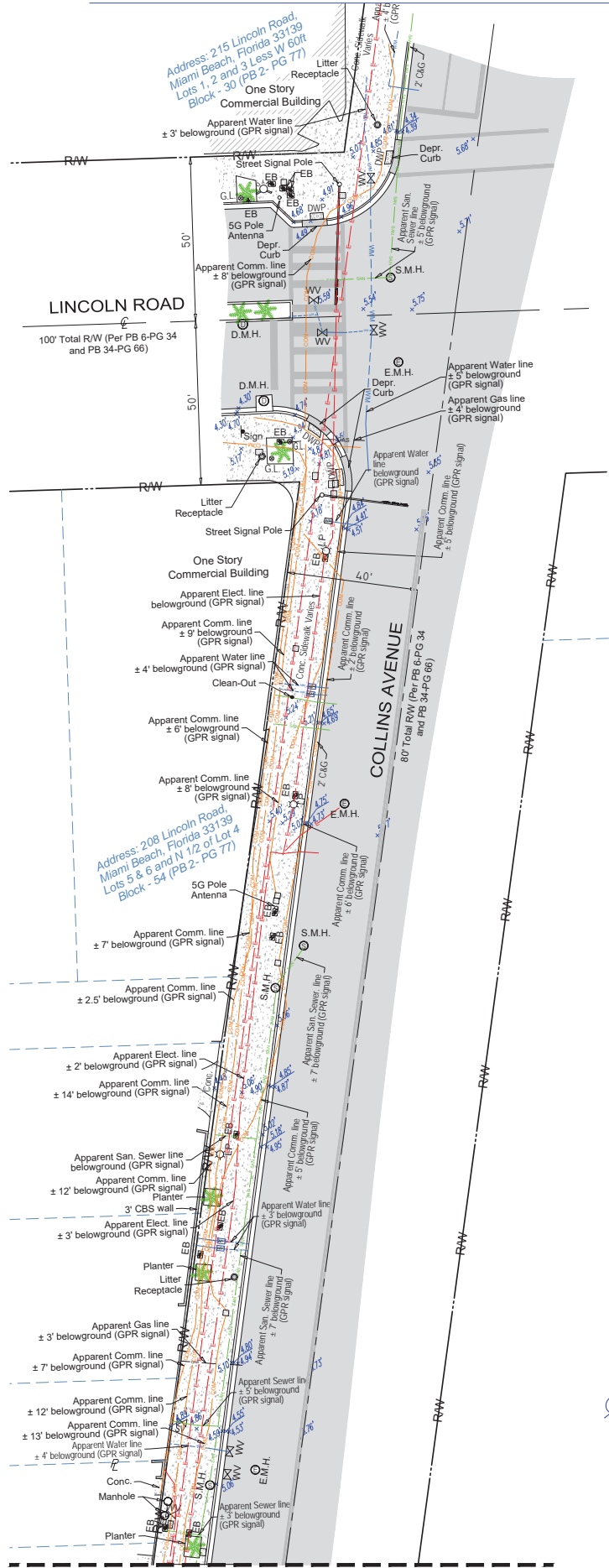
11. SUE NOTES:

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, Email: 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.

- RED PAINT LINE APPARENT ELECTRIC CONDUIT
- BLUE PAINT LINE APPARENT WATER LINE
- GREEN PAINT LINE APPARENT SANITARY SEWER LINE
- YELLOW PAINT LINE APPARENT GAS LINE
- ORANGE PAINT LINE APPARENT COMMUNICATION LINE
- GREEN PAINT LINE APPARENT STORM SEWER LINE



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
- CL = PROPERTY LINE
- EL = CENTER LINE
- BL = BASE LINE
- PSM = PROFESSIONAL SURVEYOR AND MAPPER
- C&G = CURB & GUTTER
- GA = GUY ANCHOR
- ENCR = ENCROACHMENT
- 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

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=A01410C00001884E3B
67EB00DD40A, cn=Odalys C Bello
2023.09.11 16:18:55 -0400

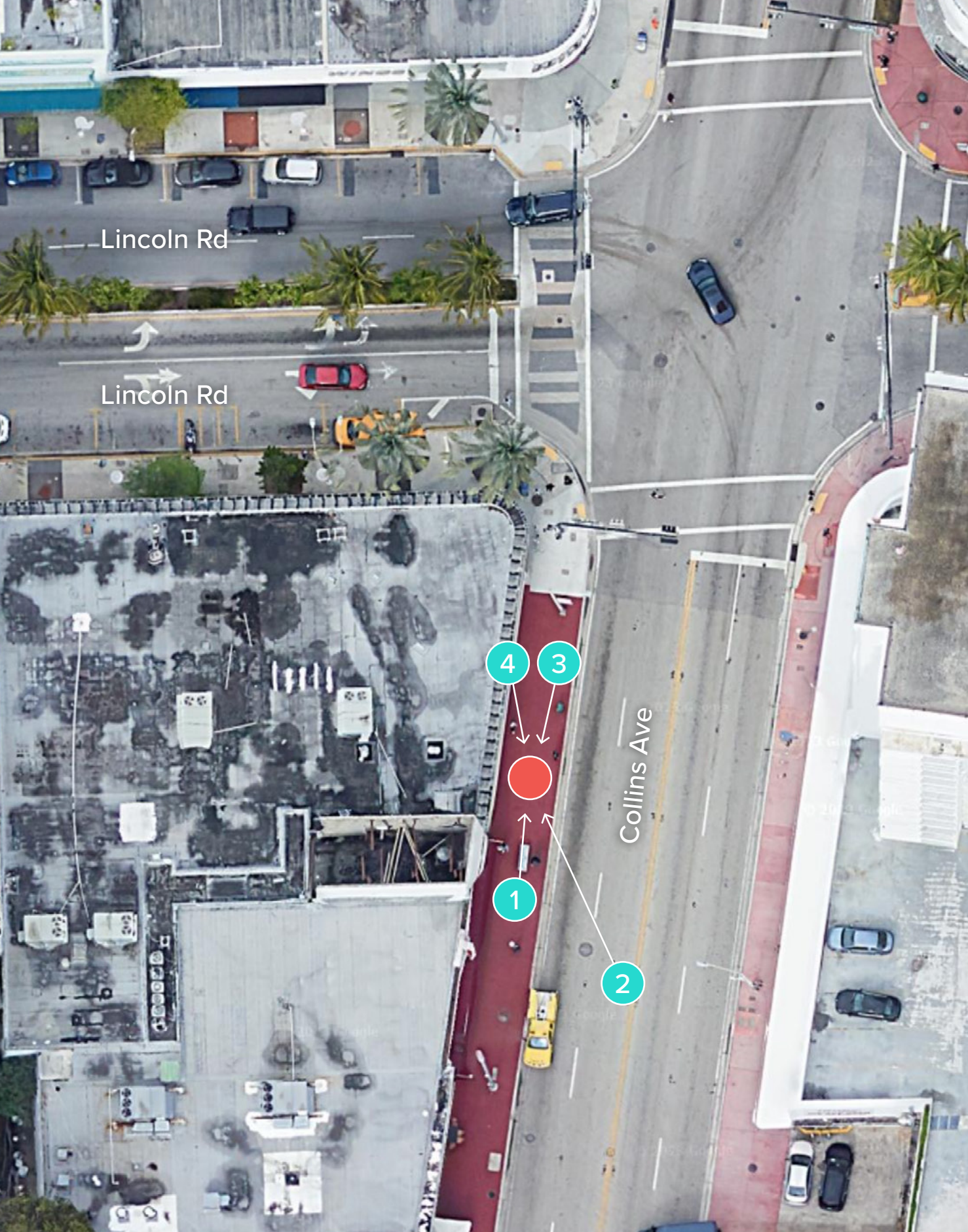
Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 - State of Florida
Field Work Date: 07/27/2023

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.

Property Address:
200 Lincoln Road, Miami Beach, Florida 33139
Project No. 23259 D.B.: EO Page 1 of 1

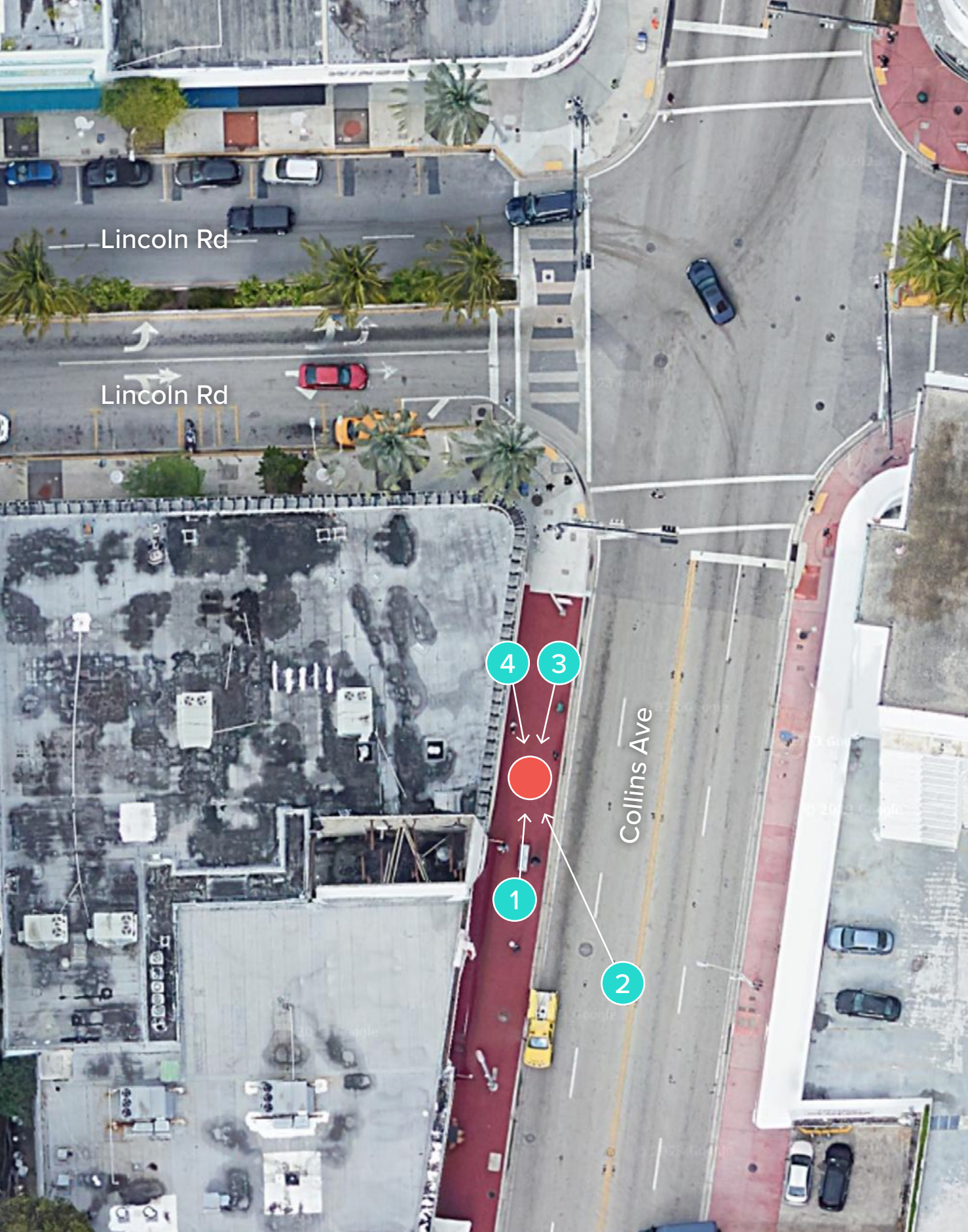
BELLO & BELLO LAND SURVEYING
12230 SW 131 AVENUE • SUITE 201 • MIAMI FL 33186
Phone: 305.251.9606 • Fax: 305.251.6057 • LB#7262
e-mail: info@belloand.com • www.belloandsurveying.com





TEAL CIRCLES: PHOTOGRAPHER'S APPROXIMATE POSITION
 RED CIRCLE: APPROXIMATE KIOSK POSITION





● TEAL CIRCLES: PHOTOGRAPHER'S APPROXIMATE POSITION
 ● RED CIRCLE: APPROXIMATE KIOSK POSITION



MIAMI BEACH

PUBLIC WORKS DEPARTMENT

INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT

FEBRUARY 2024
IKE SMART CITY

MIB-023: COLLINS AVENUE (SR-A1A) & LINCOLN ROAD
MIB-024: COLLINS AVENUE (SR-A1A) & 16TH STREET

CITY OF MIAMI BEACH

- MAYOR:

STEVEN MEINER
- COMMISSIONERS:

KRISTEN ROSEN GONZALEZ
LAURA DOMINGUEZ
ALEX J. FERNANDEZ
TANYA K. BHATT
DAVID SUAREZ
JOSEPH MAGAZINE
- CITY MANAGER:

ALINA T. HUDAK
- CITY ATTORNEY:

RAFAEL A. PAZ
- PUBLIC WORKS DIRECTOR:

JOE GOMEZ, P.E., F.FES
- CITY ENGINEER:

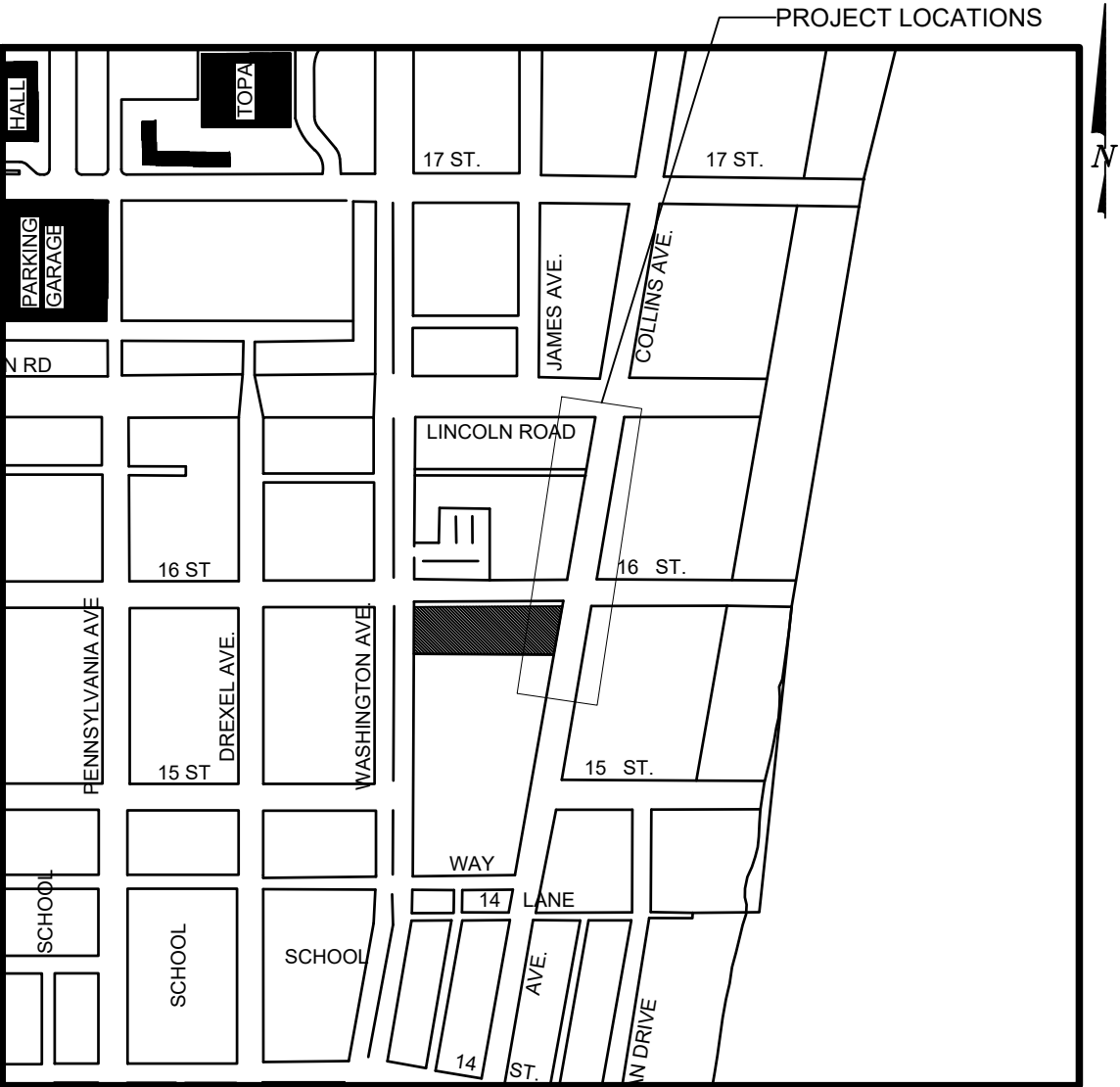
CRISTINA ORTEGA



MainStreet

ENGINEERING

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

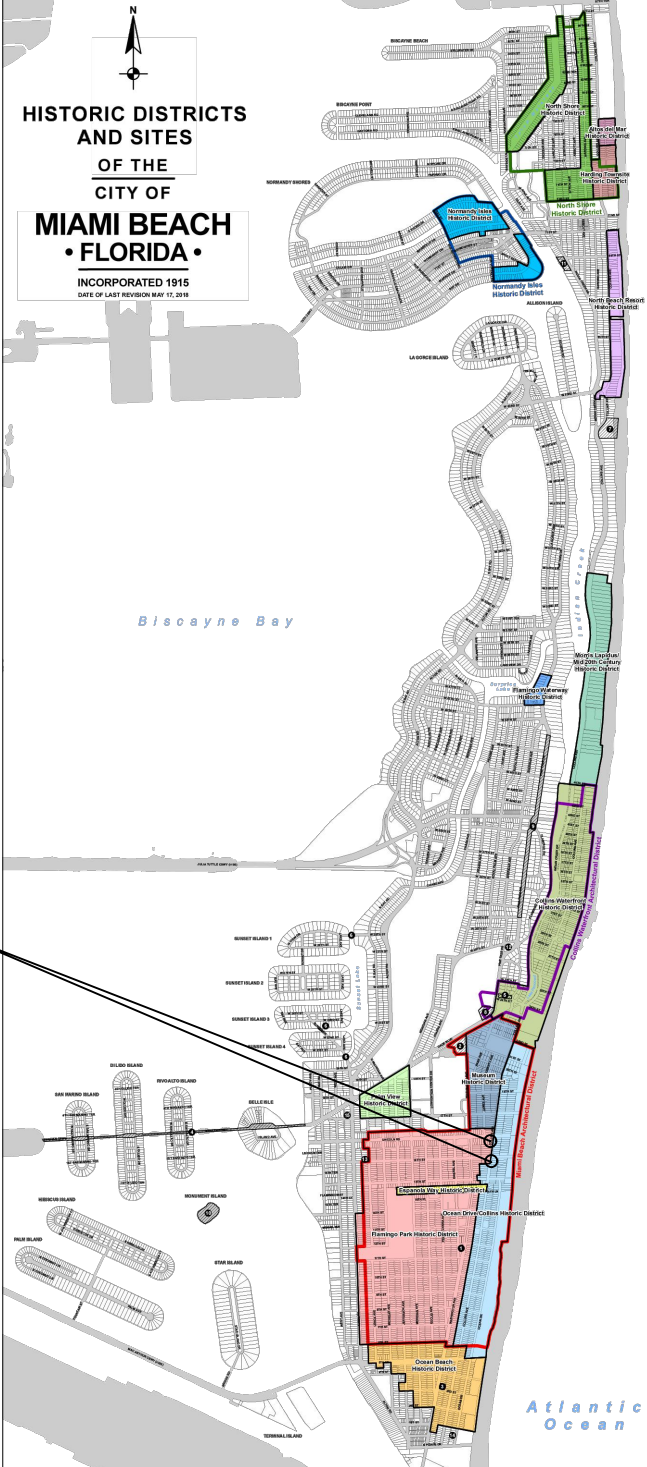


INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-01	COVER SHEET	
2	GENERAL	G0-03	INDEX OF SHEETS	
3	GENERAL	G0-04	ADA NOTES, SCOPE OF WORK & KIOSK SPECIFICATIONS	
4	CIVIL	C1-01	CIVIL SITE PLAN	
5	CIVIL	C1-02	KIOSK MIB-023 ENGINEERING PLAN	
6	CIVIL	C1-03	KIOSK MIB-024 ENGINEERING PLAN	
7	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
8	ELECTRICAL	E1-01	KIOSK MIB-023 ELECTRICAL PLAN	
9	ELECTRICAL	E1-02	KIOSK MIB-024 ELECTRICAL PLAN	
10	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.

INDEX OF PLANS				
NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
1	GENERAL	G0-01	COVER SHEET	
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6	CIVIL	C1-03	KIOSK MIB-024 ENGINEERING PLAN	
7	ELECTRICAL	E0-01	ELECTRICAL SITE PLAN	
8	ELECTRICAL	E1-01	KIOSK MIB-023 ELECTRICAL PLAN	
9	ELECTRICAL	E1-02	KIOSK MIB-024 ELECTRICAL PLAN	
10	SURVEY		KIOSK MIB-023 & MIB-024 SITE SURVEY	



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:

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

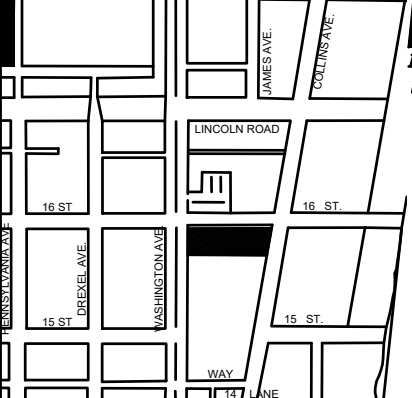
CABLE: COMCAST, XFINITY,
ATT-UVERSE

GAS: FLORIDA GAS

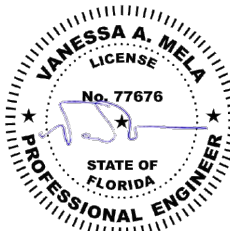
SIDEWALK & STREET SYMBOLS

	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMI BEACH

CITY MANAGER: ALINA T. HUDAK

DIRECTOR: JOE GOMEZ, P.E.

CITY ENGINEER: CRISTINA ORTEGA
CASTINEIRAS, P.E.

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



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: 02/09/2024 Sheet: 2 of 10 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.

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

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:

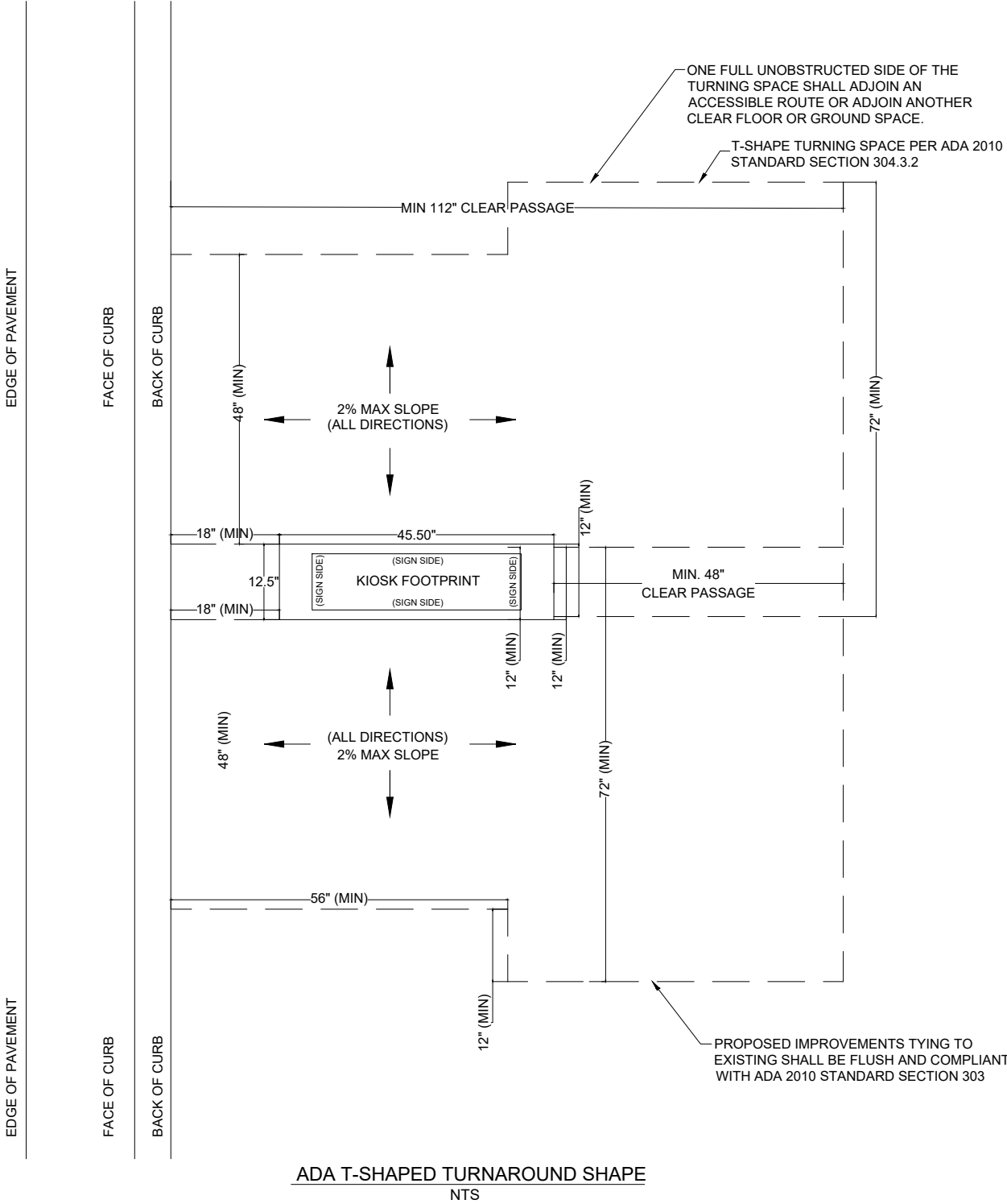
1.

TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2.

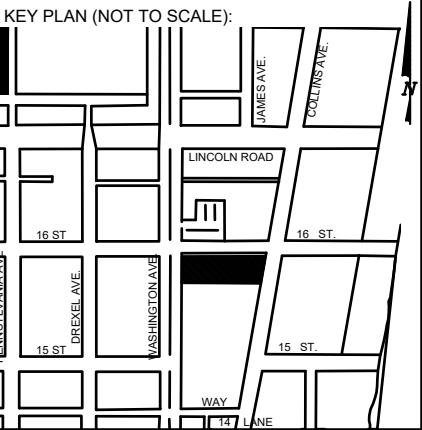
TWO (2) CAMERAS
3.

ONE (1) CPU
4.

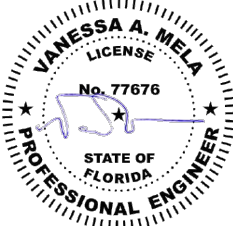
ONE (1) WI-FI TRANSMITTER



NOTES:



P.E. SEAL:



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

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



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:

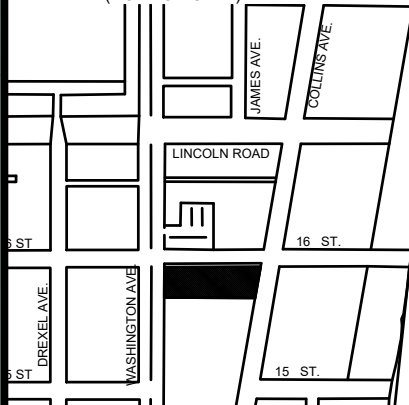
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Date: 02/09/2024 Sheet: 3 of 10 Drawing: G0-04

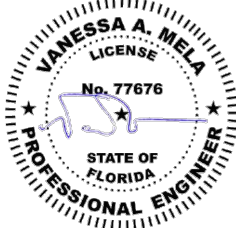


Sunshine811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



NOTES:

MIAMI BEACH
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.

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

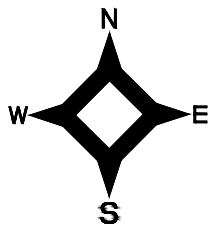
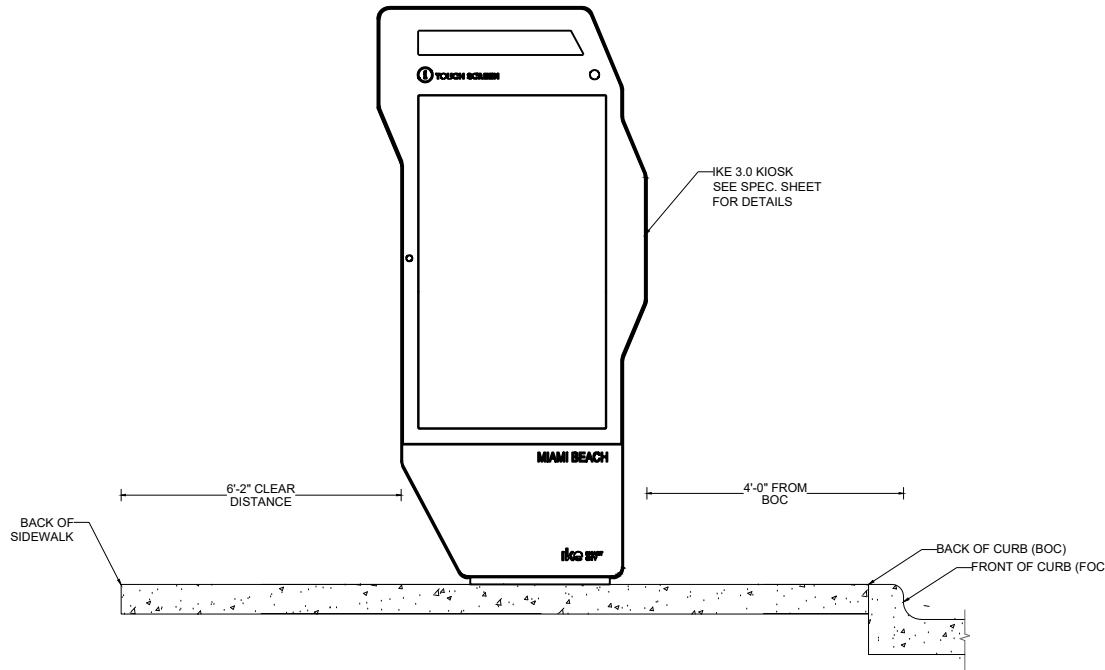


ENGINEER OF RECORD:
VANESSA A. MELA,
P.E. NO. 77676

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: 02/09/2024 Sheet: 4 of 10 Drawing: C1-01



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!



VISIBILITY TRIANGLE CLEARANCE ANALYSIS

SCALE: 1'-40"

KIOSK MIB-023

FDOT EXHIBIT 212-5

V = 30 MPH
dr = 120 ft
dl = 255 ft

14'-6" FROM BOC TO R/W

KIOSK MIB-023.
SEE DETAIL ON SHEET
G0-05.

6'-2"
CLEAR
DISTANCE

6'-8" TO
R/W

EX. ELECTRIC BOX
EX. LIGHT POLE

EX. 5G POLE ANTENNA
EX. ELECTRIC BOX

R/W

EX. CLEAN-OUT

BOC

FOC

EOP

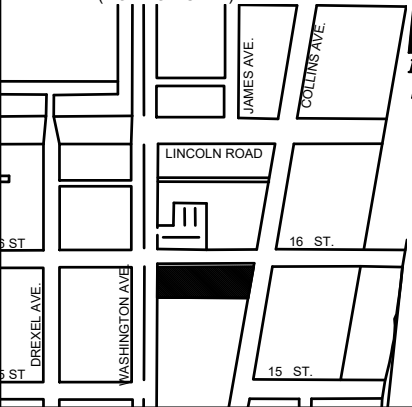
CONCRETE FOUNDATION.
SEE SHEET S-01 FOR
FOUNDATION DETAILS

4'-0"
FROM
BOC

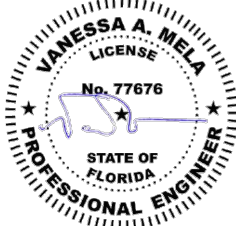
2' C&G

Ⓔ

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMI BEACH

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.

5				
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NO.	DATE	REVISION	APP'D. BY	



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

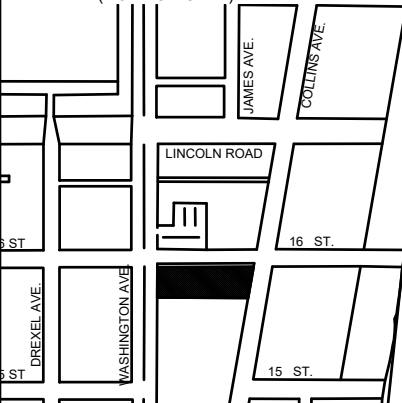
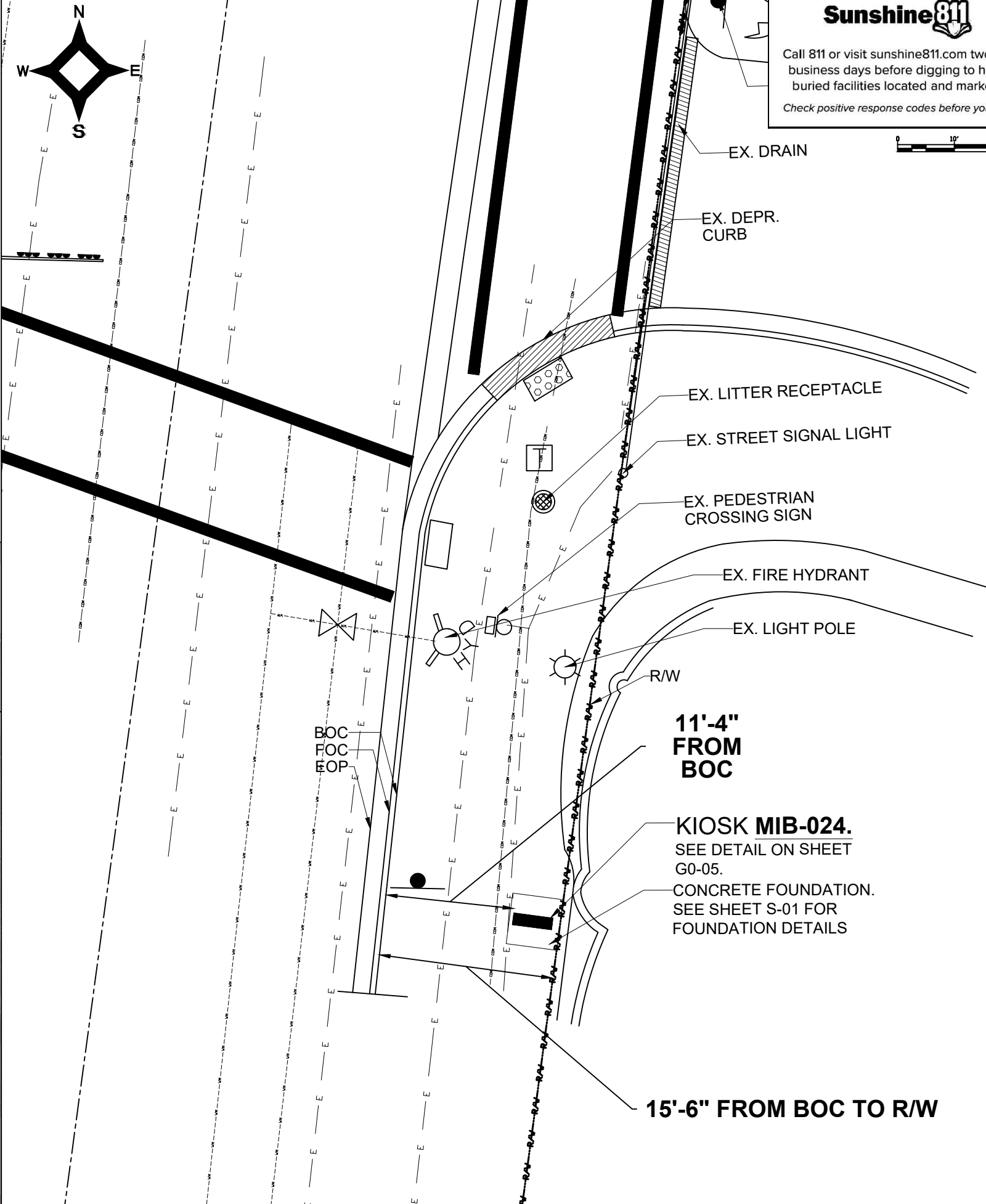
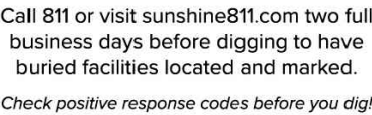
Date: 02/09/2024

Page: N/A

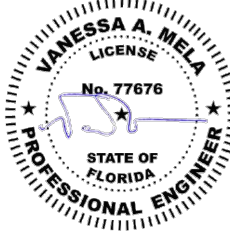
Sheet: 5 of 10

Work Order: N/A

Drawing: C1-02



P.E. SEAL



CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

5			
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1			
NO.	DATE	REVISION	APP'D. BY



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: 02/09/2024 Sheet: 6 of 10 Revision: **C1-03**

ELECTRICAL SITE PLAN

SCALE: 1"=50'



EXISTING FPL PULLBOX
JB-1 W/ 120-240V BOOTS

EX. FPL 120/240V
PULLBOX W/BOOTS

NEW FPL PULLBOX JB-2

NEW PULLBOX JB-3

NEW PULLBOX JB-4

NEW FPL METER

NEW KIOSK MIB-023

AREA 1
SHEET E1-01

NEW PULLBOX JB-5

NEW PULLBOX JB-6

NEW PULLBOX JB-7

NEW KIOSK MIB-024

AREA 2
SHEET E1-02



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!

MIAMI BEACH
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.

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1			
NO.	DATE	REVISION	APP'D. BY



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

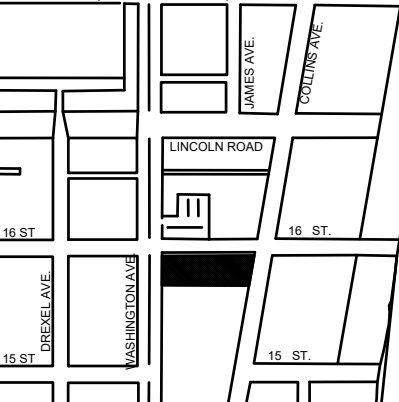
ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE:

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

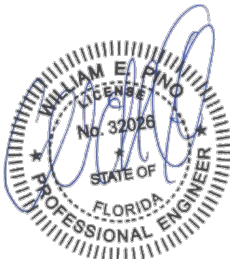
TITLE:
ELECTRICAL SITE PLAN

File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 02/09/2024 Sheet: 7 of 10 Drawing: E0-01

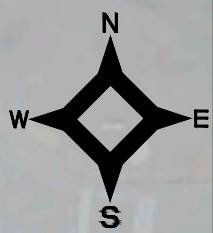
KEY PLAN (NOT TO SCALE):



P.E. SEAL:



NOTES:



EXISTING FPL
PULLBOX JB-1 W/
120-240V BOOTS

LINCOLN ROAD
100' Total R/W (Per PB 6-PG 34
and PB 34-PG 66)

MIB-023 ELECTRICAL PLAN AREA 1- SCALE: 1'-10"

COLLINS AVENUE
80' Total R/W (Per PB 6-PG 34
and PB 34-PG 66)

EOP
FOC
BOC

R/W LINE

NEW FPL PULLBOX JB-2

10'-1"
CLEAR
DISTANCE

NEW FPL METER

NEW PULLBOX JB-3

NEW KIOSK MIB-023

6'-2"
CLEAR
DISTANCE

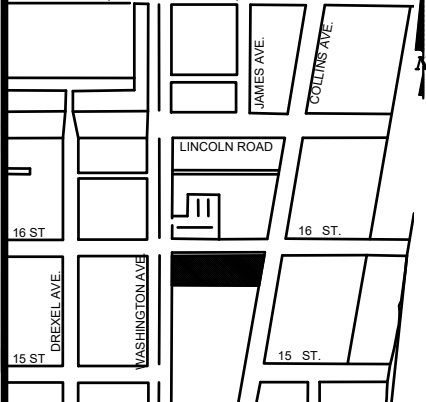
14'-6" FROM BOC
TO R/W

4'-0"
FROM
BOC

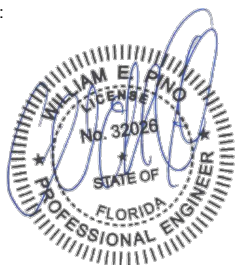
Sunshine811

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!

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMI BEACH
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.

5			
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1			
NO.	DATE	REVISION	APP'D. BY



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

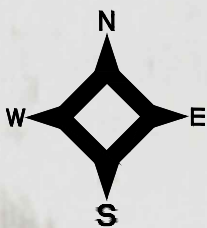
ENGINEER OF RECORD: WP
DESIGN ENGINEER: WP
DRAWN BY: KM
CHECKER: WP
SCALE: 1"=10'

NEIGHBORHOOD: MIB-023: COLLINS AVENUE & LINCOLN ROAD
MIB-024: COLLINS AVENUE & 16TH STREET
TITLE: KIOSK MIB-023 ELECTRICAL PLAN

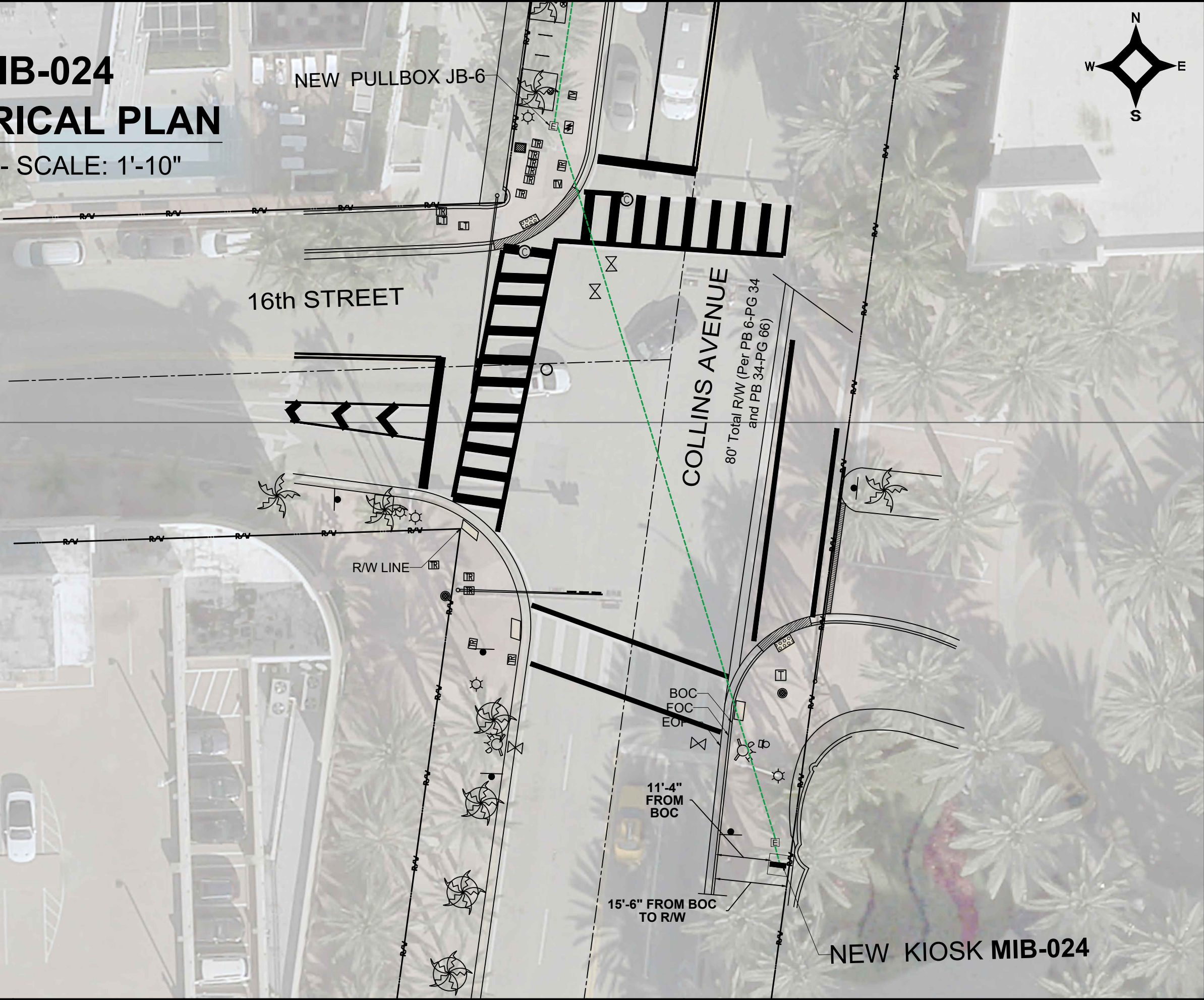
File Name: MIB-023 & MIB-024 - ELECTRICAL & TTC PLANS.dwg
Survey Reference:
Field Book: N/A Page: N/A Work Order: N/A
Date: 02/09/2024 Sheet: 8 of 10 Drawing: E1-01

MIB-024 ELECTRICAL PLAN

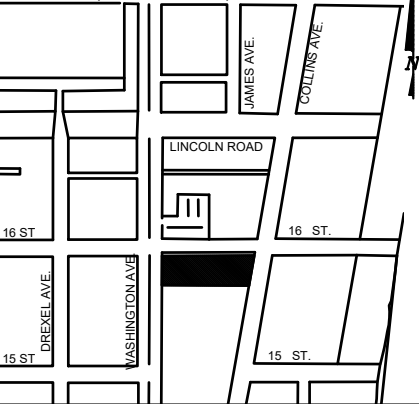
AREA 2 - SCALE: 1'-10"



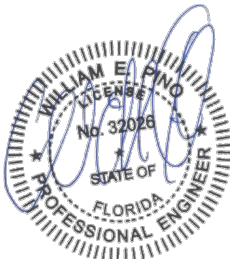
NOTES:



KEY PLAN (NOT TO SCALE):



P.E. SEAL:



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Check positive response codes before you dig!

MIAMI BEACH
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.

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4				
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NO.	DATE	REVISION	APP'D. BY	



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: 02/09/2024 Sheet: 9 of 10 Drawing: E1-02

SPECIFIC PURPOSE SURVEY



LOCATION MAP

Not to Scale

SURVEYOR'S REPORT AND GENERAL NOTES

(Not valid without the attached Survey Map)

- This is not a Boundary Survey.
- 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.
- 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.
- 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.
- 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.
- This Survey Map is intended to be displayed at the scale shown hereon. Data is expressed in U.S. Survey Foot.
- 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.
- 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)
- 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.
- 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.

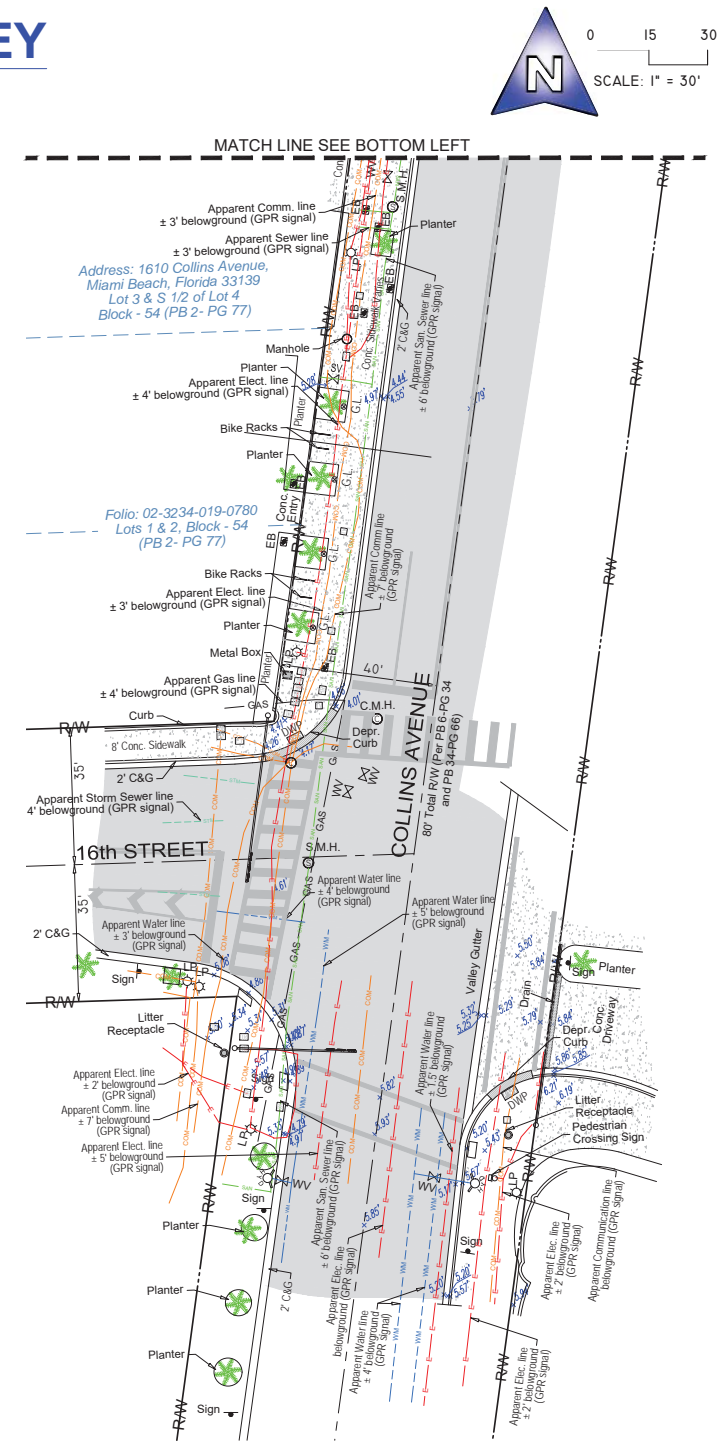
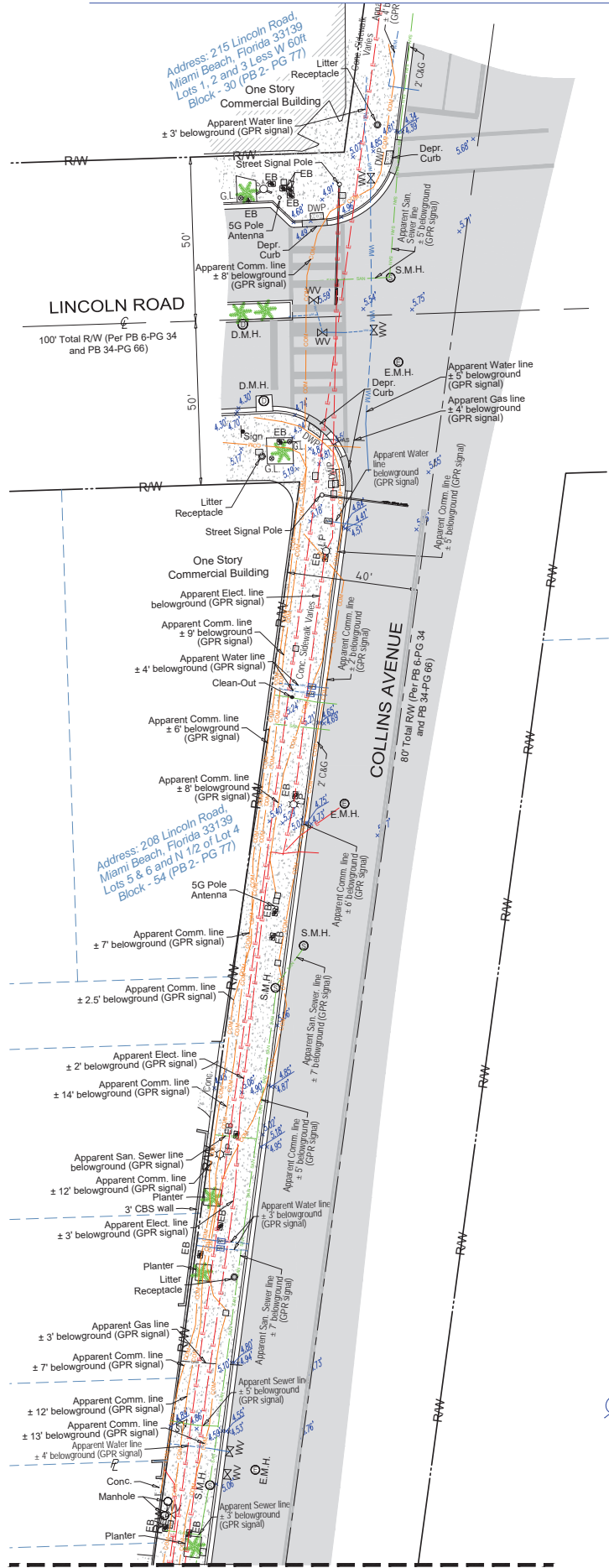
11. SUE NOTES:

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, Email: 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.

- RED PAINT LINE APPARENT ELECTRIC CONDUIT
- BLUE PAINT LINE APPARENT WATER LINE
- GREEN PAINT LINE APPARENT SANITARY SEWER LINE
- YELLOW PAINT LINE APPARENT GAS LINE
- ORANGE PAINT LINE APPARENT COMMUNICATION LINE
- GREEN PAINT LINE APPARENT STORM SEWER LINE



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
- EL = PROPERTY LINE
- CL = CENTER LINE
- BL = BASE LINE
- PSM = PROFESSIONAL SURVEYOR AND MAPPER
- C&G = CURB & GUTTER
- GA = GUY ANCHOR
- ENCR = ENCROACHMENT
- 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

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=A01410C00001884E3B
67E8B00DD40A, cn=Odalys C Bello
2023.09.11 16:18:55 -0400

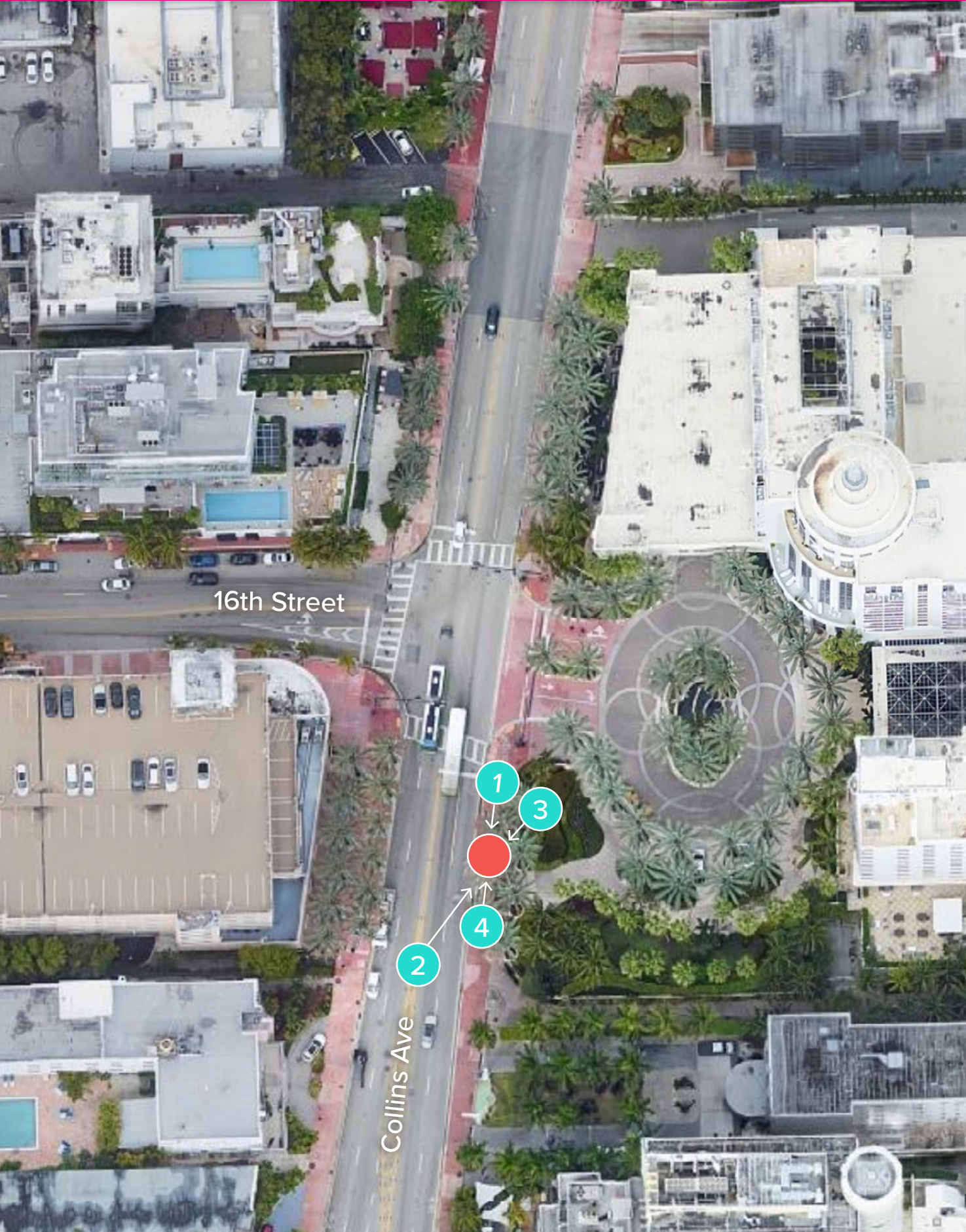
Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 - State of Florida
Field Work Date: 07/27/2023

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.

Property Address:
200 Lincoln Road, Miami Beach, Florida 33139
Project No. 23259 D.B.: EO 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@belloand.com • www.belloandsurveying.com





● TEAL CIRCLES: PHOTOGRAPHER'S APPROXIMATE POSITION
 ● RED CIRCLE: APPROXIMATE KIOSK POSITION





- TEAL CIRCLES: PHOTOGRAPHER'S APPROXIMATE POSITION
- RED CIRCLE: APPROXIMATE KIOSK POSITION



3. VIEW OF SITE FROM NORTHEAST



4. VIEW OF SITE FROM SOUTH