

MIAMI BEACH

PUBLIC WORKS DEPARTMENT CONVENTION CENTER DRIVE & 19TH STREET INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT OCTOBER 2023 IKE SMART CITY MIB-003

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

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

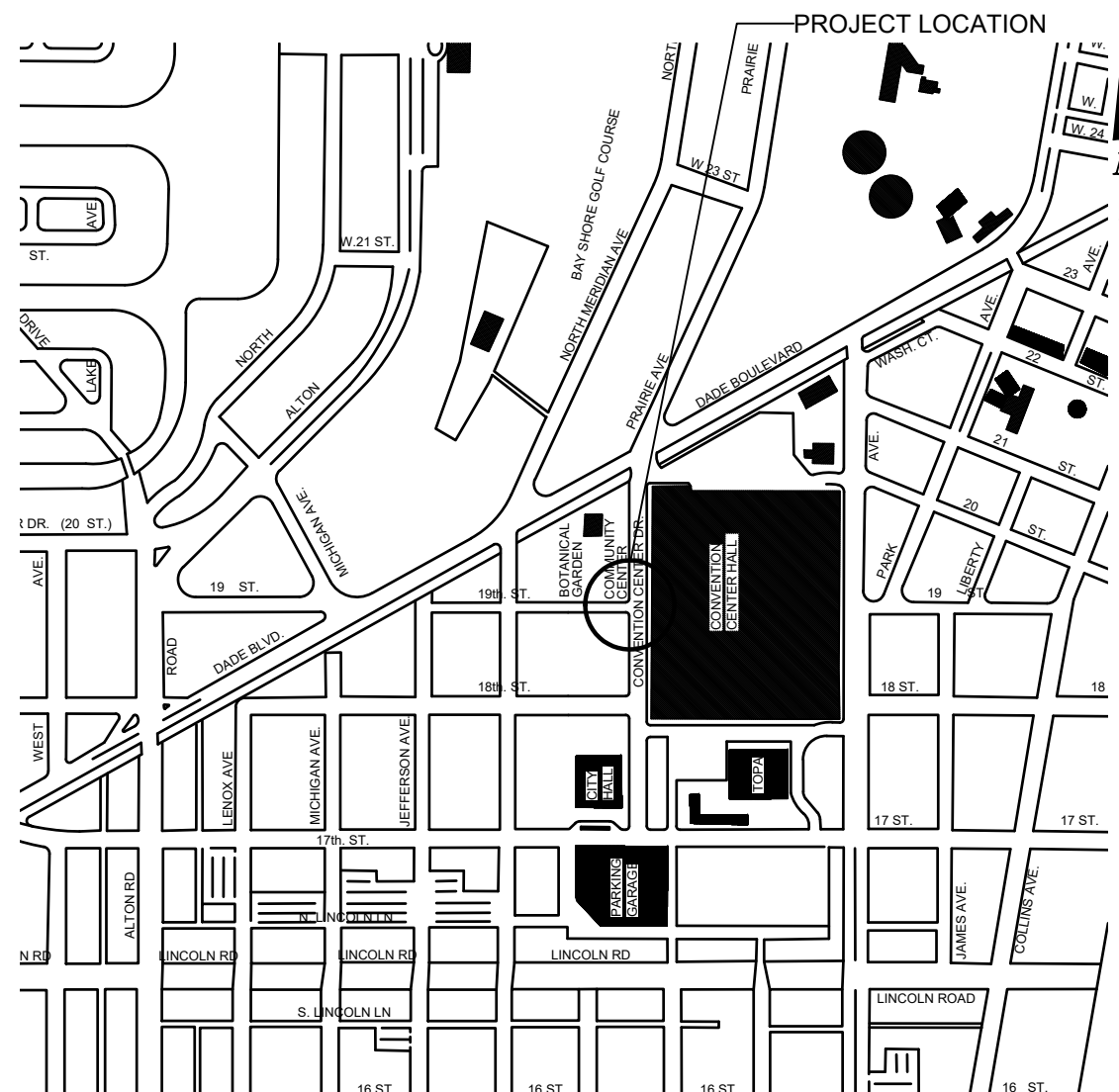
CITY MANAGER: ALINA T. HUDAK

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.



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-003 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-003 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-003 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

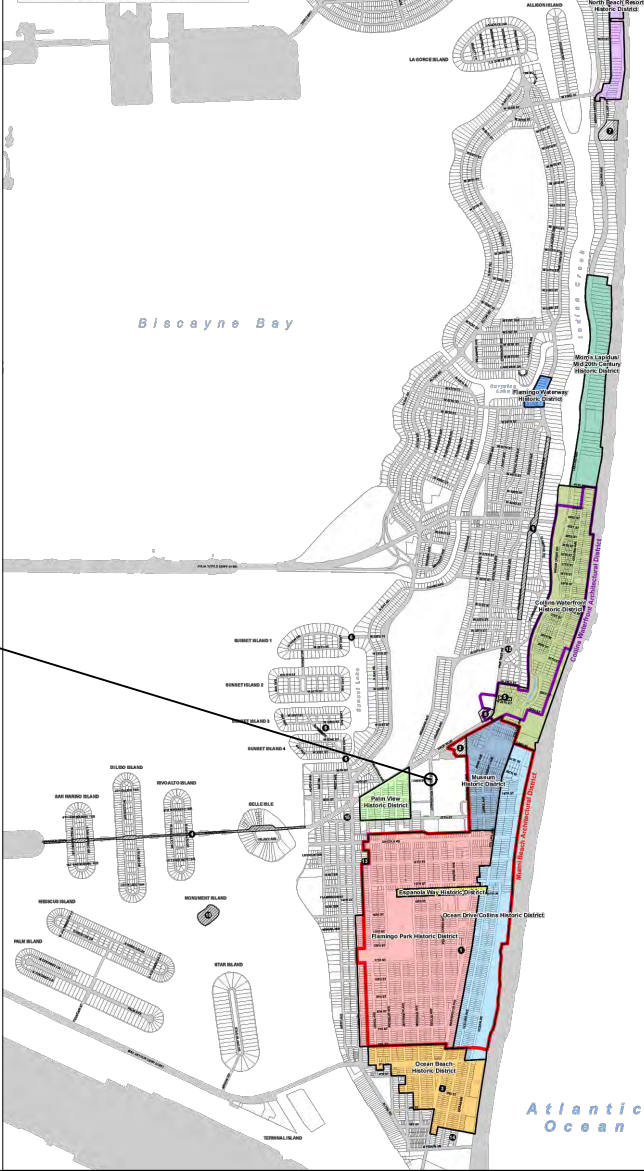
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

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

INDEX OF PLANS

NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
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HISTORIC DISTRICTS AND SITES OF THE CITY OF MIAMI BEACH • FLORIDA • INCORPORATED 1915 DATE OF LAST REVISION MAY 17, 2018



PROJECT LOCATION

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
A	= 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
S	= SECTION LINE
C	= CENTERLINE
B	= BASELINE
M	= MONUMENT LINE
T	= TRAFFIC SIGNAL BOX
S	= TRAFFIC SIGNAL CABINET
B	= BOLLARD
P	= PEDESTRIAN SIGNAL
M	= TRAFFIC SIGNAL MAST ARM
S	= SIGN
T	= CABLE TELEVISION BOX
L	= LIGHT POLE
E	= ELECTRIC BOX
U	= UTILITY POLE
E	= ELECTRIC TRANSFORMER
G	= 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
G	= GARBAGE RECEPTACLE
H	= HANDICAP PARKING SPACE
W	= WATER METER
I	= IRRIGATION VALVE
W	= WATER VALVE
F	= FIRE HYDRANT
W	= WATER BOX
W	= WATER CONNECTION
W	= WATER MANHOLE
W	= WATER TANK
W	= WATER WELL
W	= WATER MARKING FLAG
W	= WATER MARKING SIGN
S	= STORM MANHOLE
S	= STORM METER
C	= CATCH BASIN
T	= TELEPHONE MANHOLE
T	= TELEPHONE BOX
N	= NEWSPAPER DISPENSER
M	= MAILBOX
S	= SANITARY MANHOLE
S	= SANITARY BOX
S	= SANITARY TANK
S	= SANITARY LIFT STATION
G	= GREASE TRAP MANHOLE
C	= CLEANOUT
P	= PARKING METER
F	= FIBER OPTIC BOX
F	= FIBER OPTIC MARKER SIGN
M	= 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
R	= RAILROAD SIGN
F	= FLAGPOLE
P	= PROPERTY LINE
E	= ELECTRICAL OUTLET

NOTES:

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 47th 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

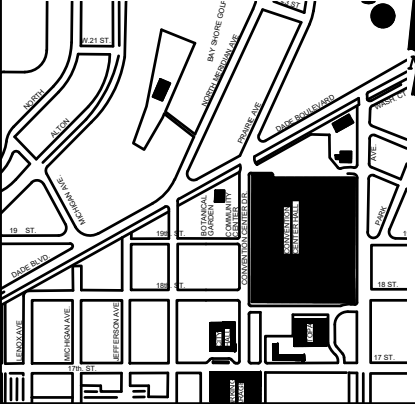
CABLE: COMCAST, XFINITY,
ATT-UVERSE

GAS: FLORIDA GAS

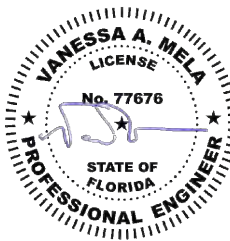
SIDEWALK & STREET SYMBOLS

	ASPHALT		BRICK
	PAVER		CONCRETE
	UNIMPROVED		TILE
	GRAVEL		STAMPED CONCRETE

KEY PLAN (NOT TO SCALE):



P.E. SEAL:



MIAMI BEACH

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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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-003: CONVENTION CENTER DR & 19TH ST

TITLE:

INDEX OF SHEETS

File Name: MIB-003-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.

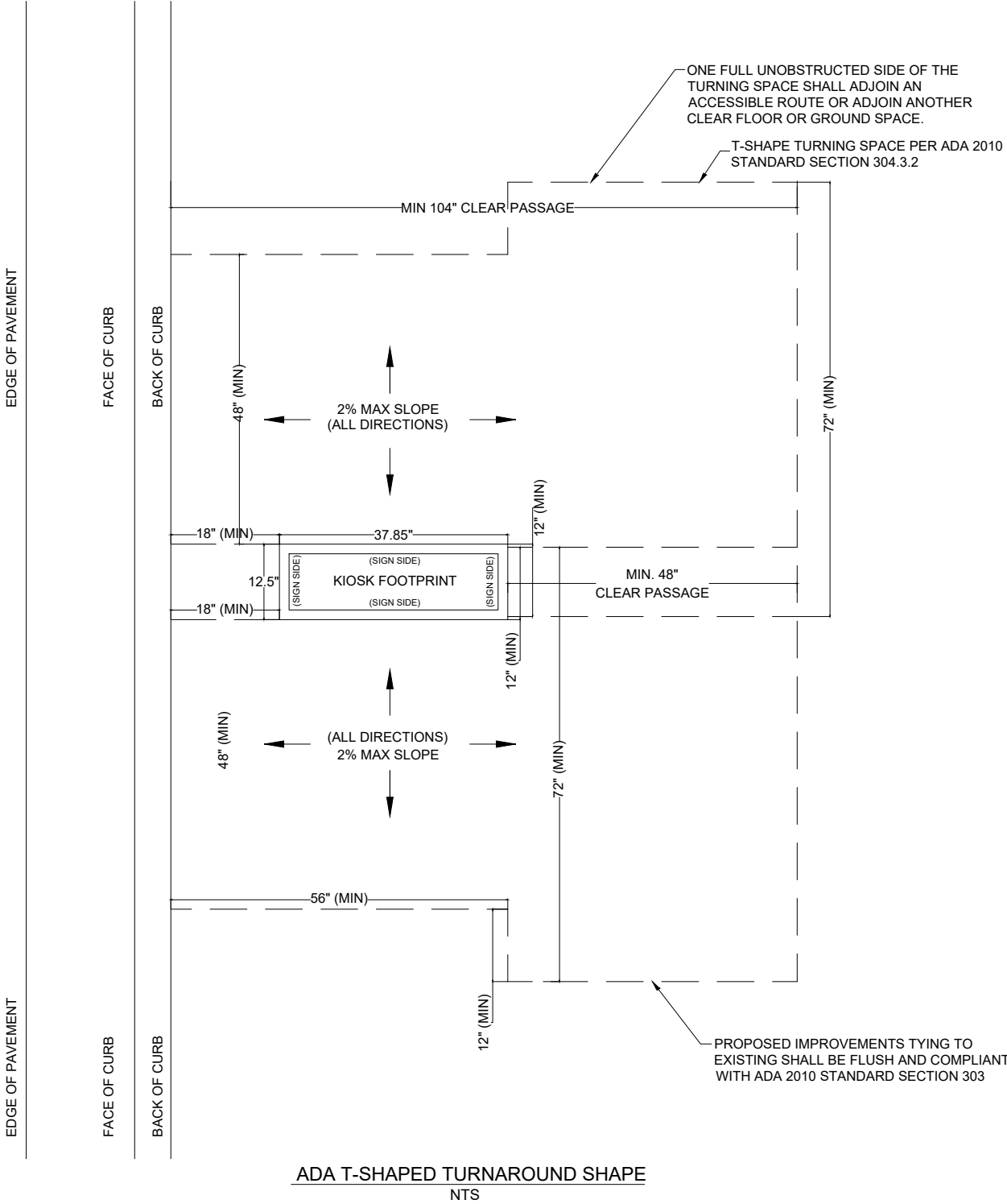
TWO (2) INTERACTIVE 65" VIDEO TOUCH SCREENS.
2.

TWO (2) CAMERAS
3.

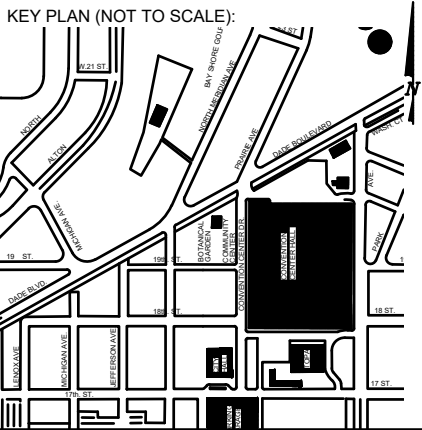
ONE (1) CPU
4.

ONE (1) WI-FI TRANSMITTER

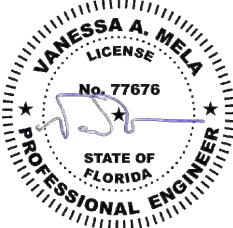
MANUFACTURER: DYNASCAN MODEL NUMBER: CIO651DR5
NATIVE RESOLUTION: 1920 X 1080
ELECTRICAL POWER REQUIREMENT:
1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.
2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ
WEIGHT: 832 LBS
CERTIFICATION CE / FCC / RoHS



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	

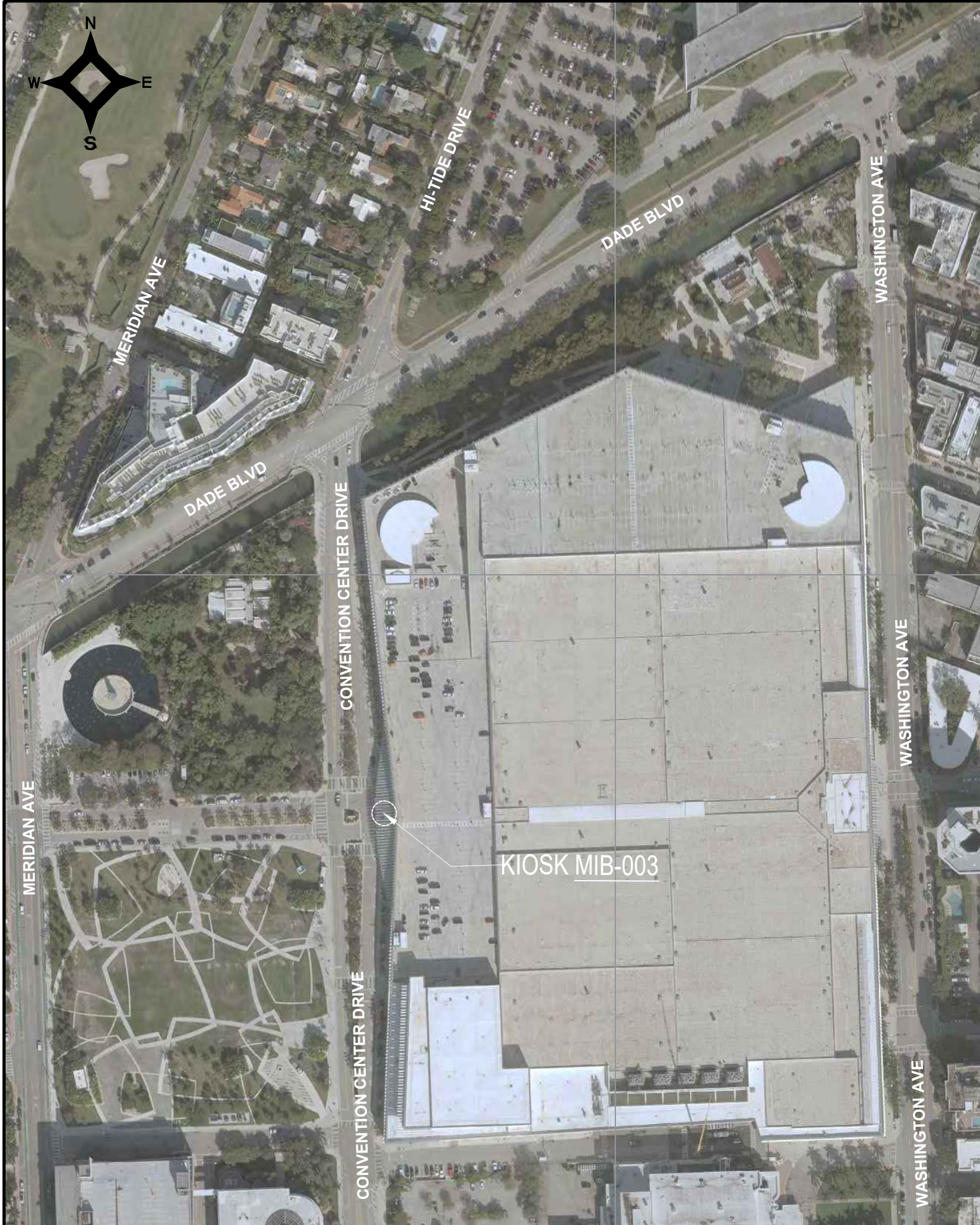


ENGINEER OF RECORD:
VANESSA A. MELA,
P.E. NO. 77676

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

NEIGHBORHOOD:
MIB-003: CONVENTION CENTER DR & 19TH ST
TITLE:
ADA NOTES, SCOPE OF WORK
& KIOSK SPECIFICATIONS

File Name: MIB-003-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



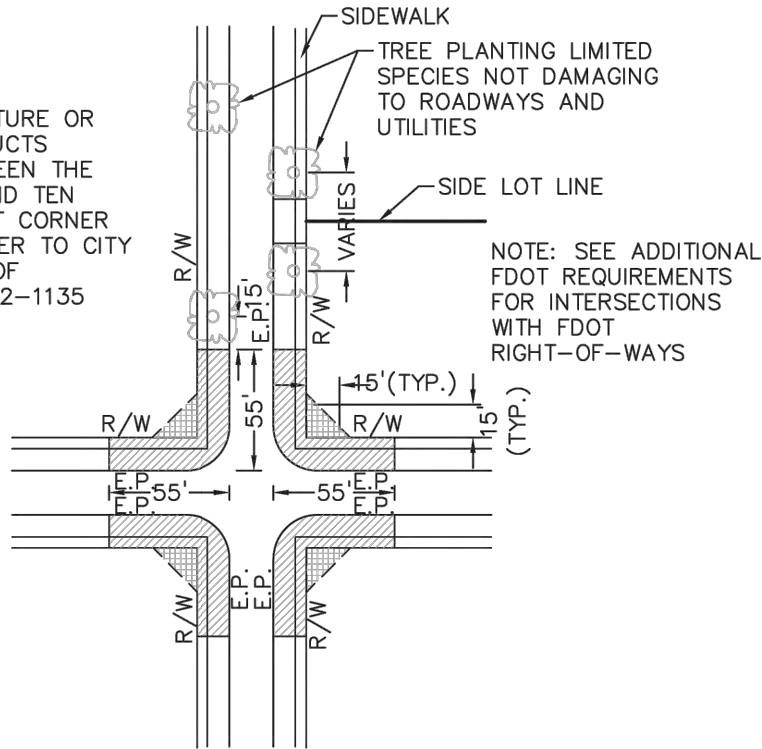
AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142-1135



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

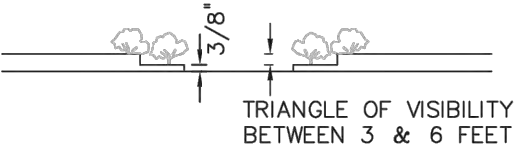
E.P. EDGE OF PAVEMENT

R/W RIGHT OF WAY



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.

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

APPROVED

REVISED

07/2020

08/2020

TITLE:

SIGHT RESTRICTIONS AT INTERSECTIONS
WITH NO DEDICATED RADII

DETAIL

10-26

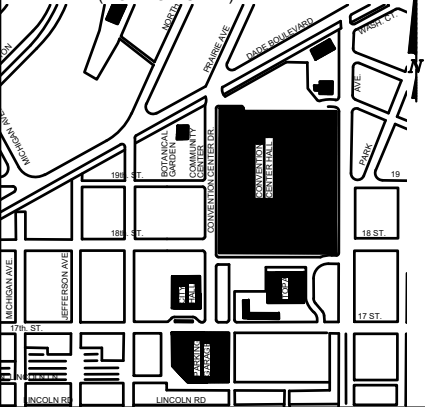
SIGHT TRIANGLE CLEARANCE

Sunshine811

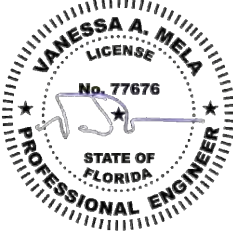
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

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

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-003: CONVENTION CENTER DR & 19TH ST

TITLE:

CIVIL SITE PLAN

File Name: MIB-003-CIVIL PLANS.dwg

Survey Reference:

Field Book: N/A

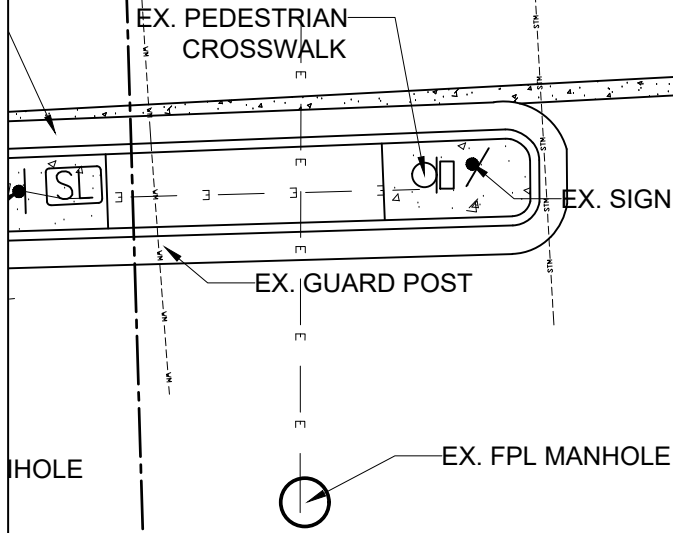
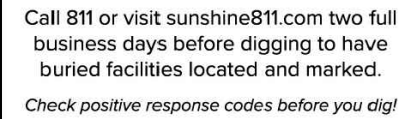
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Work Order: N/A

Date: 10/09/2023

Sheet: 3 of 6

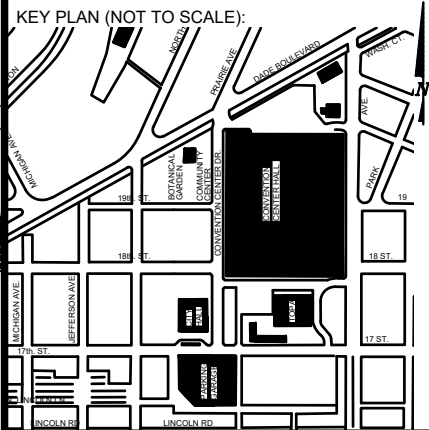
Drawing: C1-01



**1'-6" FROM POST
GAURD**

—20'-8" CLEAR
DISTANCE

**2'-6" FROM
BOC**



A circular professional engineer seal for Vanessa A. Mela. The outer ring contains the text "VANESSA A. MELA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 77676" is in the center, and "STATE OF FLORIDA" is at the bottom. A stylized signature is written across the center of the seal.

EX. ELECTRIC BOX

BOC
FOC
EOP

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: 1"=5'

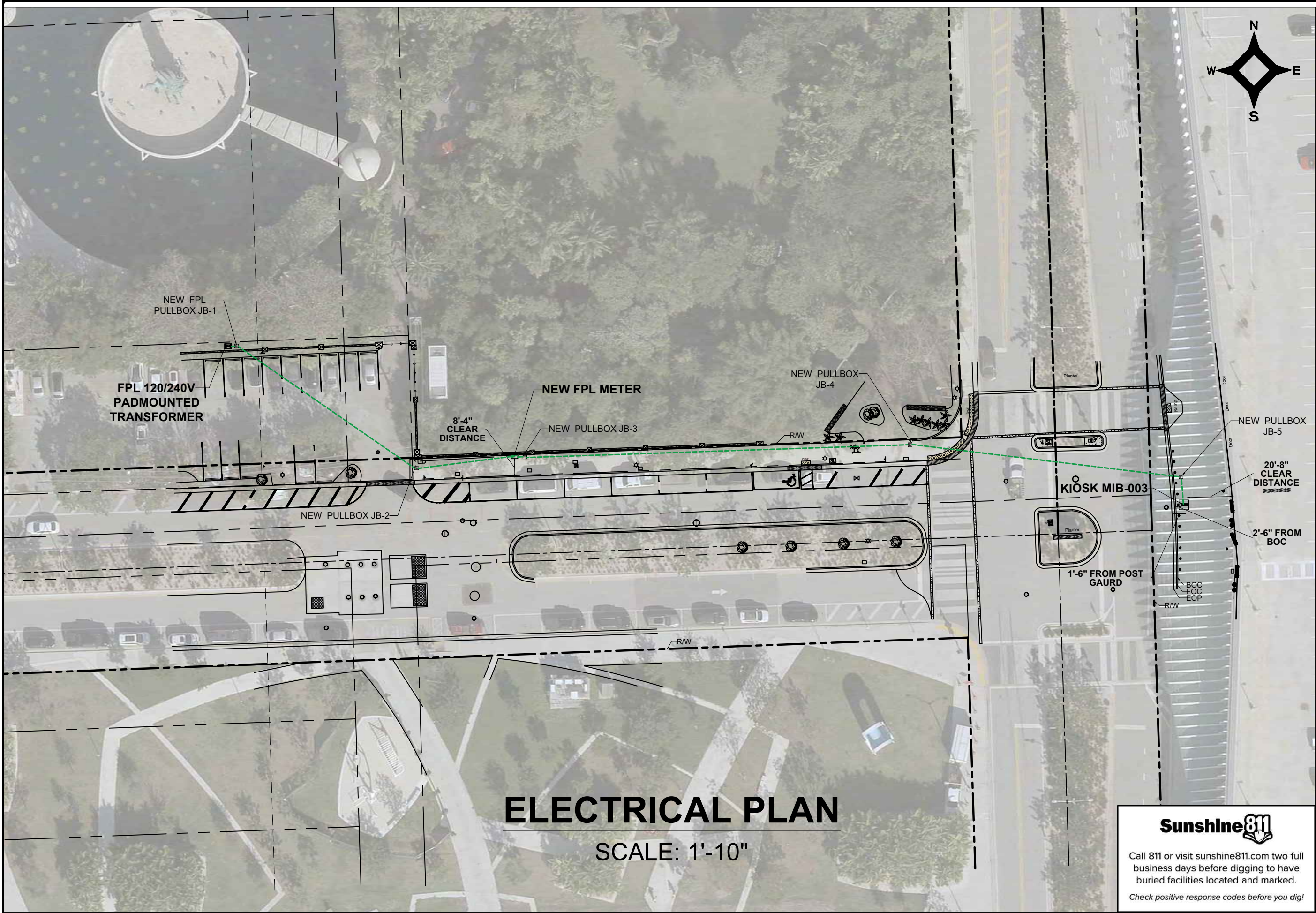
TITLE: KIOSK MIB-003 ENGINEERING PLAN

File Name: MIB-003-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



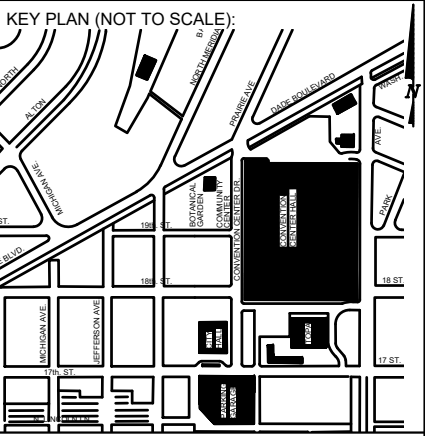
ELECTRICAL PLAN

SCALE: 1'-10"

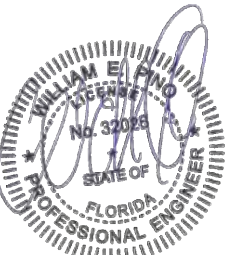


Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

NOTES:



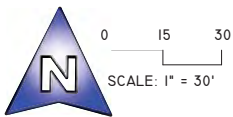
P.E. SEAL:



NO.	DATE	REVISION	APP'D. BY
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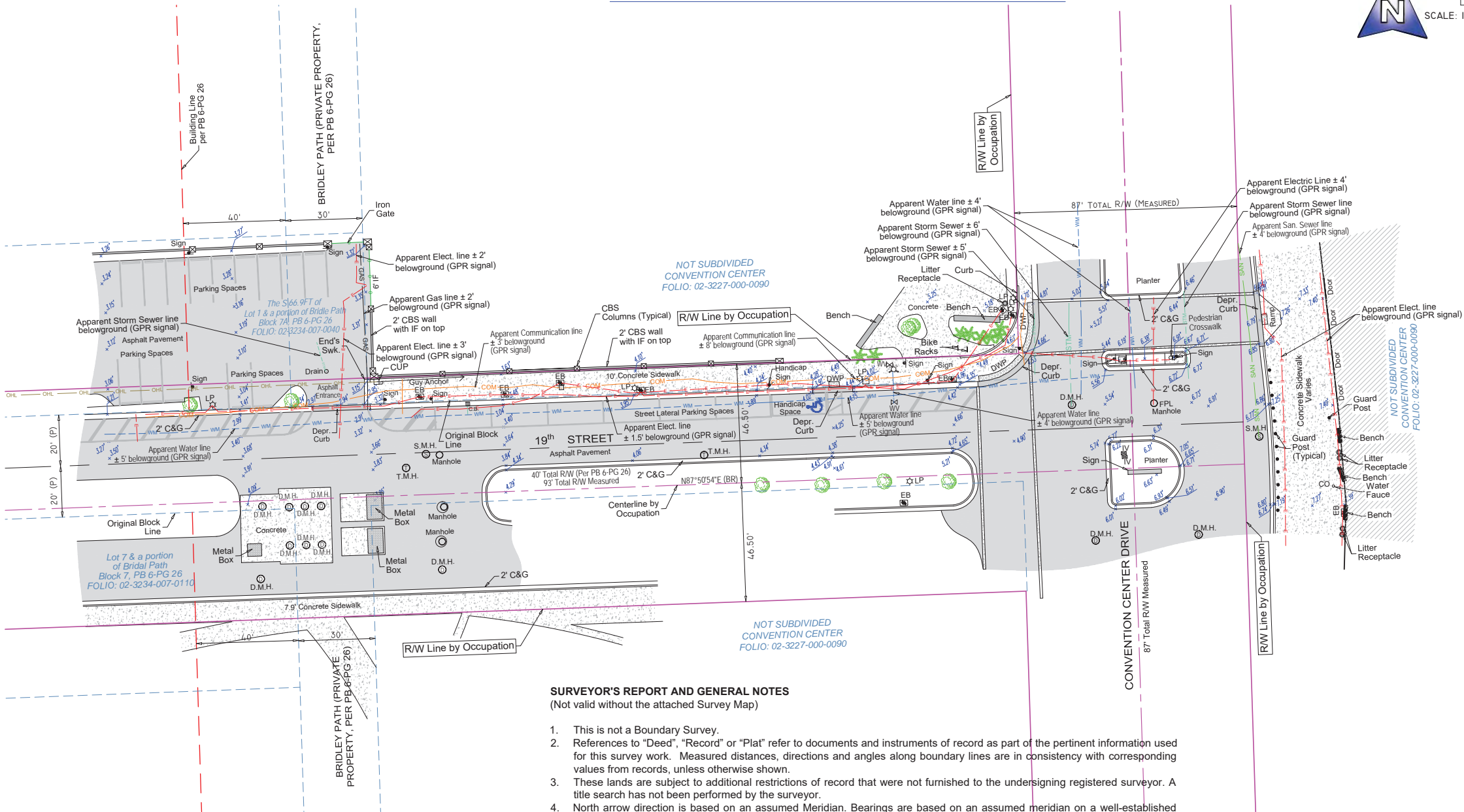
SPECIFIC PURPOSE SURVEY



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)
	= ELECTRIC BOX (EB)
	= STREET SIGN
	= SANITARY MANHOLE
	= DRAINAGE MANHOLE
	= MANHOLE
	= TELEPHONE MANHOLE
	= FIRE HYDRANT
	= CABLE BOX (CATV)
	= IRRIGATION VALVE (IV)
	= CATCH BASIN OR INLET
	= EXISTING ELEVATION
	= CONCRETE COLUMNS
	= TREE (NO IDENTIFIED)
	= PALM (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
ELECT	= ELECTRIC
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)

- This is not a Boundary Survey.
- 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.
- 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.
- 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 0319, Suffix L, revised on Sept 11th, 2009, this real property falls in Zone "X" and "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 MA 12, Elevation = 7.56 feet (NAVD'88)
Description: PK Nail & washer in traffic separator @ south side of Dade Boulevard & Meridian Avenue.
Bench Mark # 2: City Miami Beach Bench Mark CMB 17 CH, Elevation = 2.46 feet (NAVD'88)
Description: Nail & washer @ Southeast quadrant of intersection Meridian Avenue & 17th Street.

SUE NOTES:

- Data collected for this Survey had been determined using GNSS (RTK/GPS) conventional TS and differential leveling. Dimensions obtained are subject to equipment limitations.
- 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.

	= 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

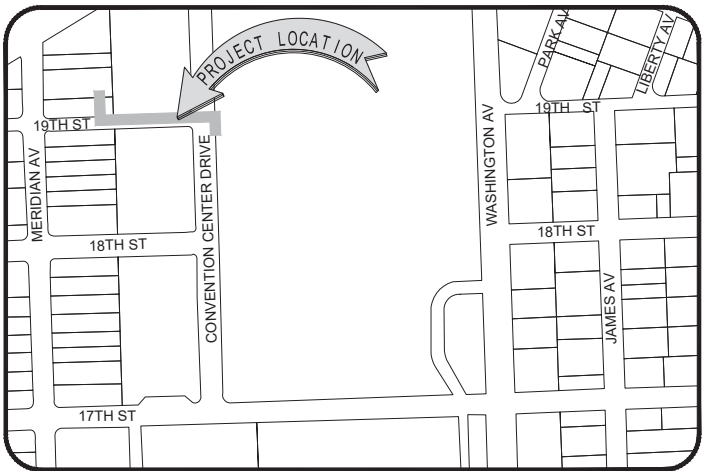
I HEREBY CERTIFY TO:
Main Street Engineering
That this Survey conforms to the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in applicable provisions of Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027 Florida Statutes. This Survey 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=A01410C00000188
4E3B67E8000DD40A, cn=Odalys
C Bello
2023.08.02 09:08:54 -04'00'

Odalys C. Bello-Iznaga
Professional Surveyor and Mapper LS6169 - State of Florida
Field Work Date: 08/01/2023

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:
1901 Convention Center Drive, Miami Beach, Florida 33125
Project No. 23181 D.B.: EO Page 1 of 1

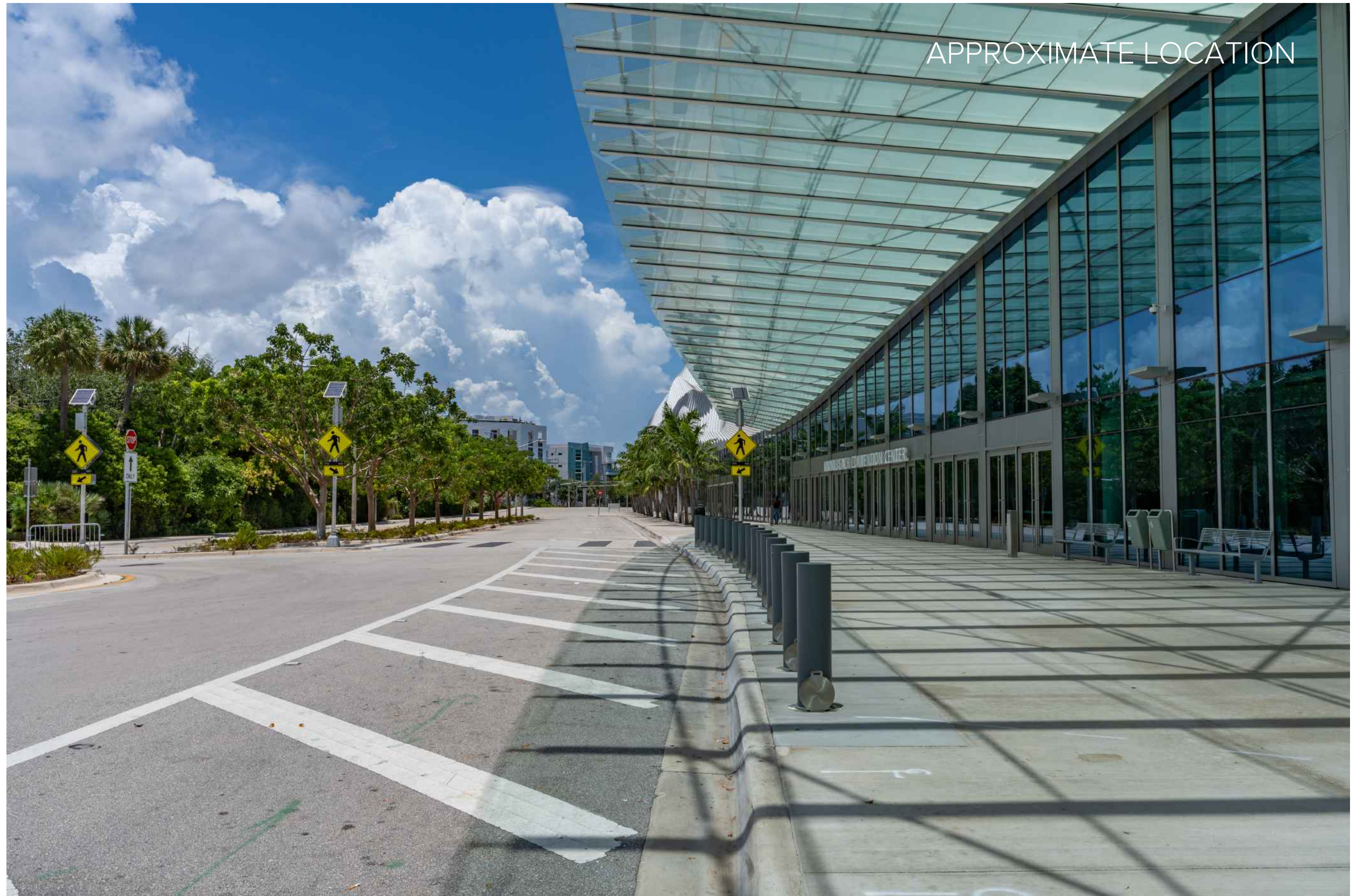


LOCATION MAP

Not to Scale

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

5. Convention Center Drive & 19th Street



MIAMI BEACH

PUBLIC WORKS DEPARTMENT LINCOLN ROAD & ALTON ROAD (SR-907) INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT OCTOBER 2023 IKE SMART CITY MIB-017

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

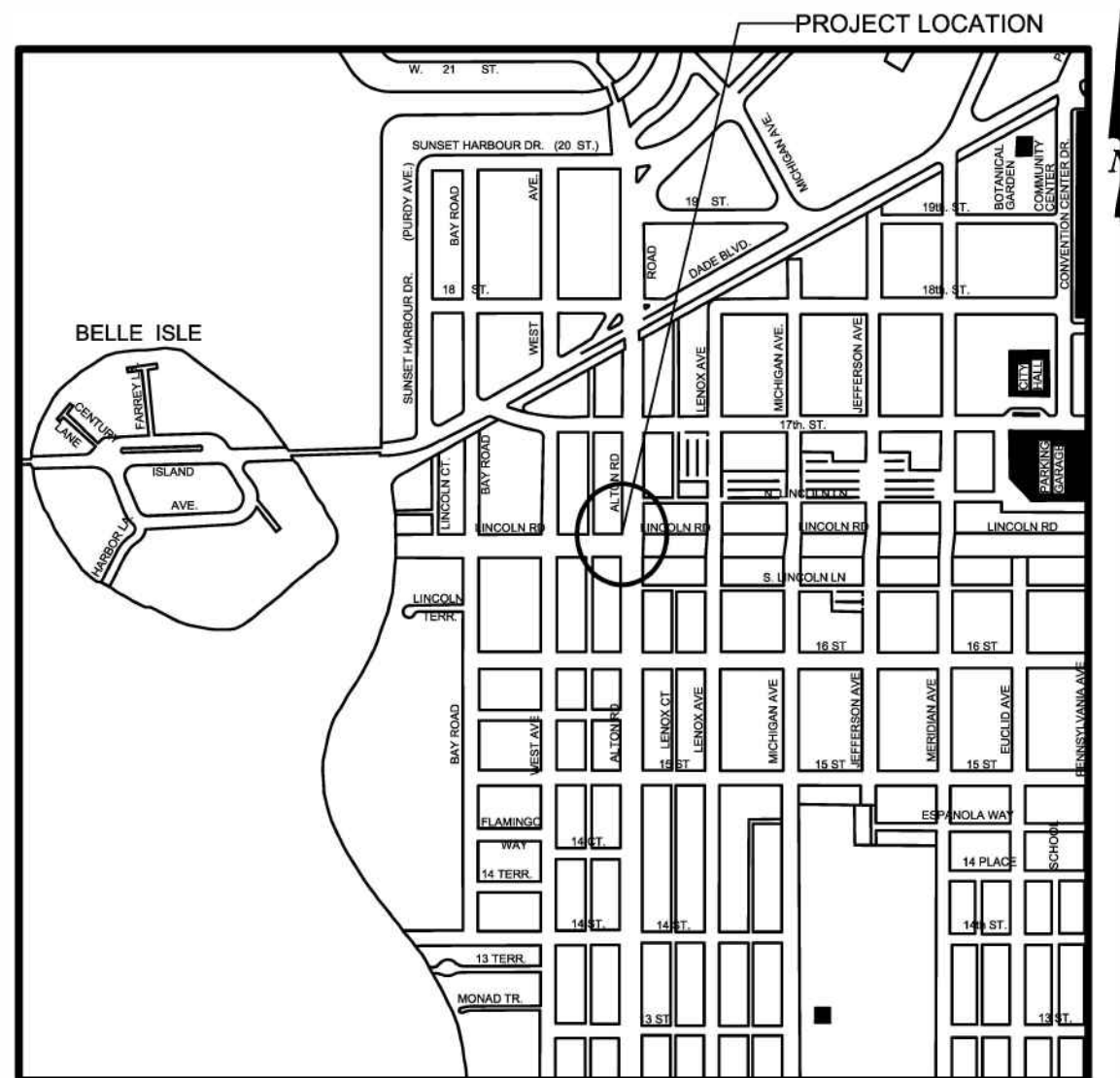
CITY ATTORNEY: RAFAEL A. PAZ

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.

Sunshine 811.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-017 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-017 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-017 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**

6. Lincoln Rd & Alton Rd - Plans

Due to the ongoing construction at this intersection as a result of the CitizenM Hotel development, the sidewalk is currently obstructed by construction fencing. Therefore, this location could not be surveyed due to the inaccessibility of the site. However, once the location is accessible, the plan sets shall reflect what the intersection will look like post-construction.

MIAMI BEACH

PUBLIC WORKS DEPARTMENT ALTON ROAD & 5TH STREET (SR-A1A) INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT OCTOBER 2023 IKE SMART CITY MIB-016

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

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

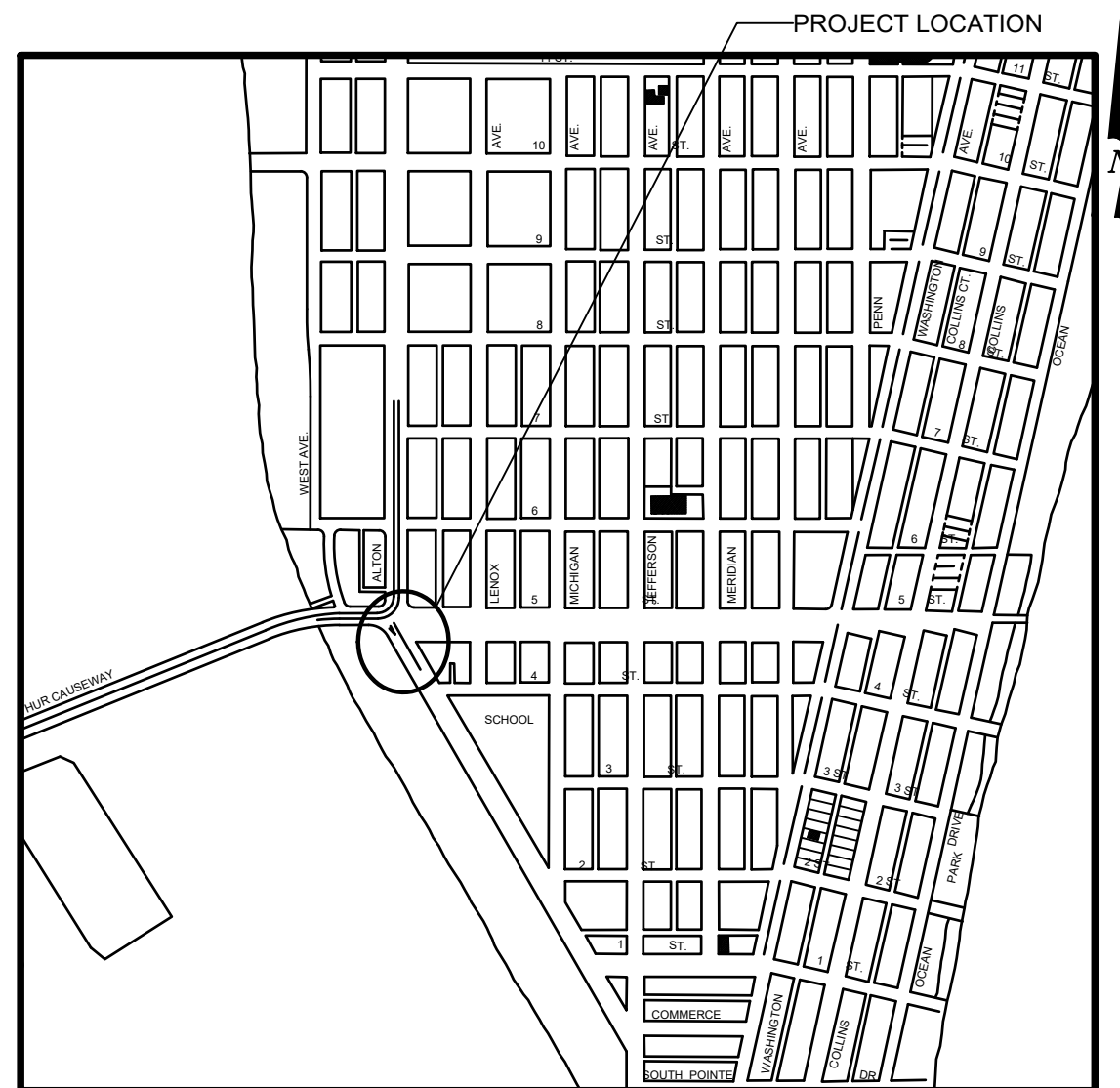
CITY MANAGER: ALINA T. HUDAK

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.



LOCATION MAP



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6	SURVEY		KIOSK MIB-016 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

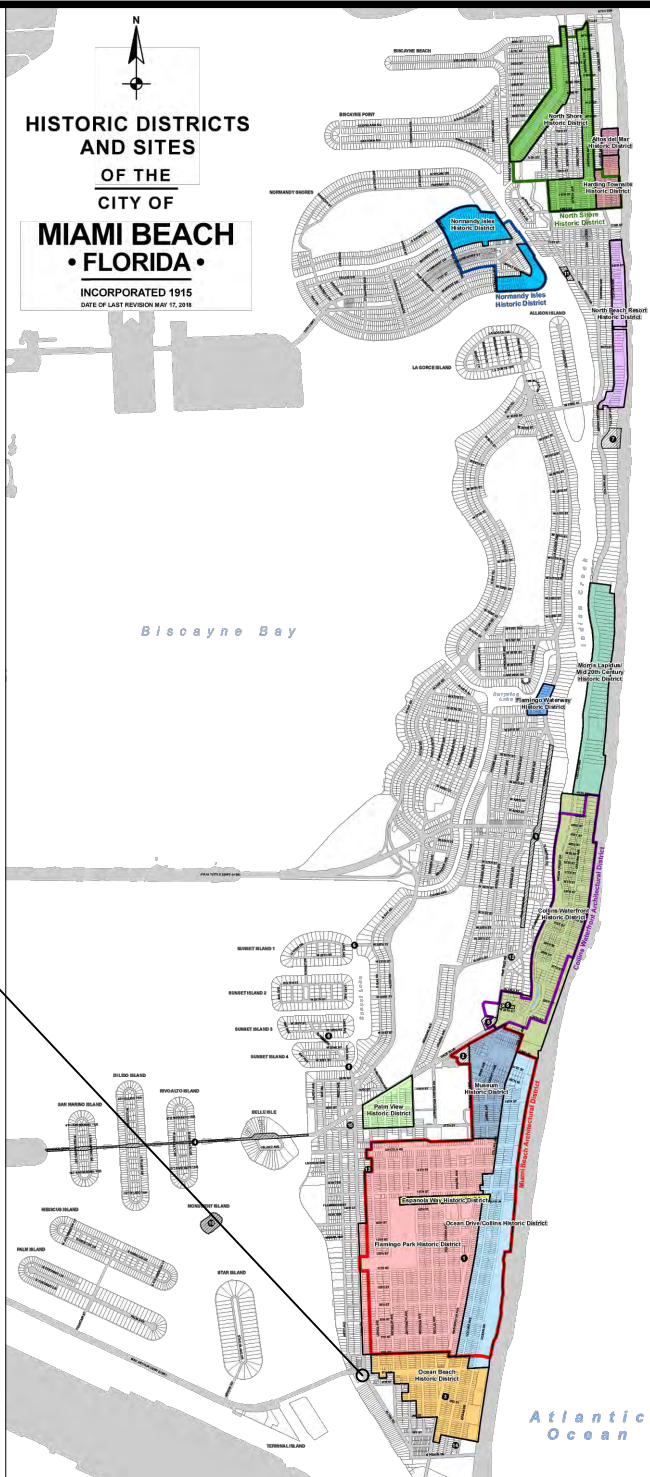
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

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

INDEX OF PLANS

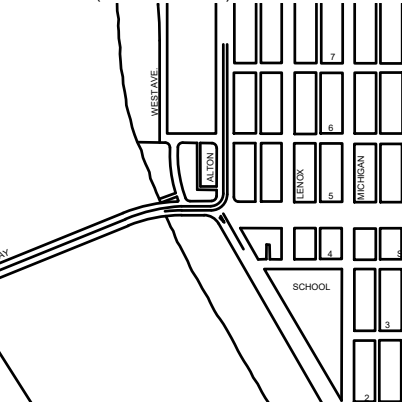
NUMBER	DISCIPLINE	SHEET NO.	DESCRIPTION	NOTES
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6	SURVEY		KIOSK MIB-016 SITE SURVEY	

PROJECT LOCATION

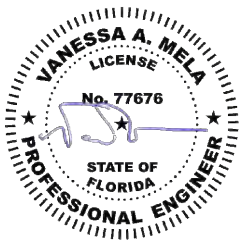


LEGEND AND ABBREVIATIONS	
	= PALM TREE
	= TREE
	= ORNAMENTAL TREE
O.R.B.	= OFFICIAL RECORDS BOOK
PG.	= PAGE
ELEV.	= ELEVATION
TYP.	= TYPICAL
CATV	= CABLE TELEVISION
OHE	= OVERHEAD ELECTRIC LINE
X 0.00	= SPOT ELEVATION
CONC.	= CONCRETE
C.B.S.	= CONCRETE BLOCK STUCCO
C.L.F.	= CHAIN LINK FENCE
W.F.	= WOOD FENCE
M.F.	= METAL FENCE
RCP	= REINFORCED CONCRETE PIPE
FF	= FINISH FLOOR
(R)	= RECORD
(C)	= CALCULATED
(M)	= MEASURE
LB	= LICENSE BUSINESS
L	= LENGTH
A	= 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
S	= SECTION LINE
C	= CENTERLINE
B	= BASELINE
M	= MONUMENT LINE
T	= TRAFFIC SIGNAL BOX
S	= TRAFFIC SIGNAL CABINET
B	= BOLLARD
P	= PEDESTRIAN SIGNAL
M	= TRAFFIC SIGNAL MAST ARM
S	= SIGN
C	= CABLE TELEVISION BOX
L	= LIGHT POLE
E	= ELECTRIC BOX
U	= UTILITY POLE
E	= ELECTRIC TRANSFORMER
G	= 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
G	= GARBAGE RECEPTACLE
H	= HANDICAP PARKING SPACE
W	= WATER METER
I	= IRRIGATION VALVE
W	= WATER VALVE
F	= FIRE HYDRANT
W	= WATER BOX
W	= WATER CONNECTION
W	= WATER MANHOLE
W	= WATER TANK
W	= WATER WELL
W	= WATER MARKING FLAG
W	= WATER MARKING SIGN
S	= STORM MANHOLE
S	= STORM METER
C	= CATCH BASIN
T	= TELEPHONE MANHOLE
T	= TELEPHONE BOX
N	= NEWSPAPER DISPENSER
M	= MAILBOX
S	= SANITARY MANHOLE
S	= SANITARY BOX
S	= SANITARY TANK
S	= SANITARY LIFT STATION
G	= GREASE TRAP MANHOLE
C	= CLEANOUT
P	= PARKING METER
F	= FIBER OPTIC BOX
F	= FIBER OPTIC MARKER SIGN
M	= 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
F	= FLAG
S	= SANITARY VALVE
R	= RAILROAD SIGN
F	= FLAGPOLE
P	= PROPERTY LINE
E	= ELECTRICAL OUTLET

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 47th 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

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:

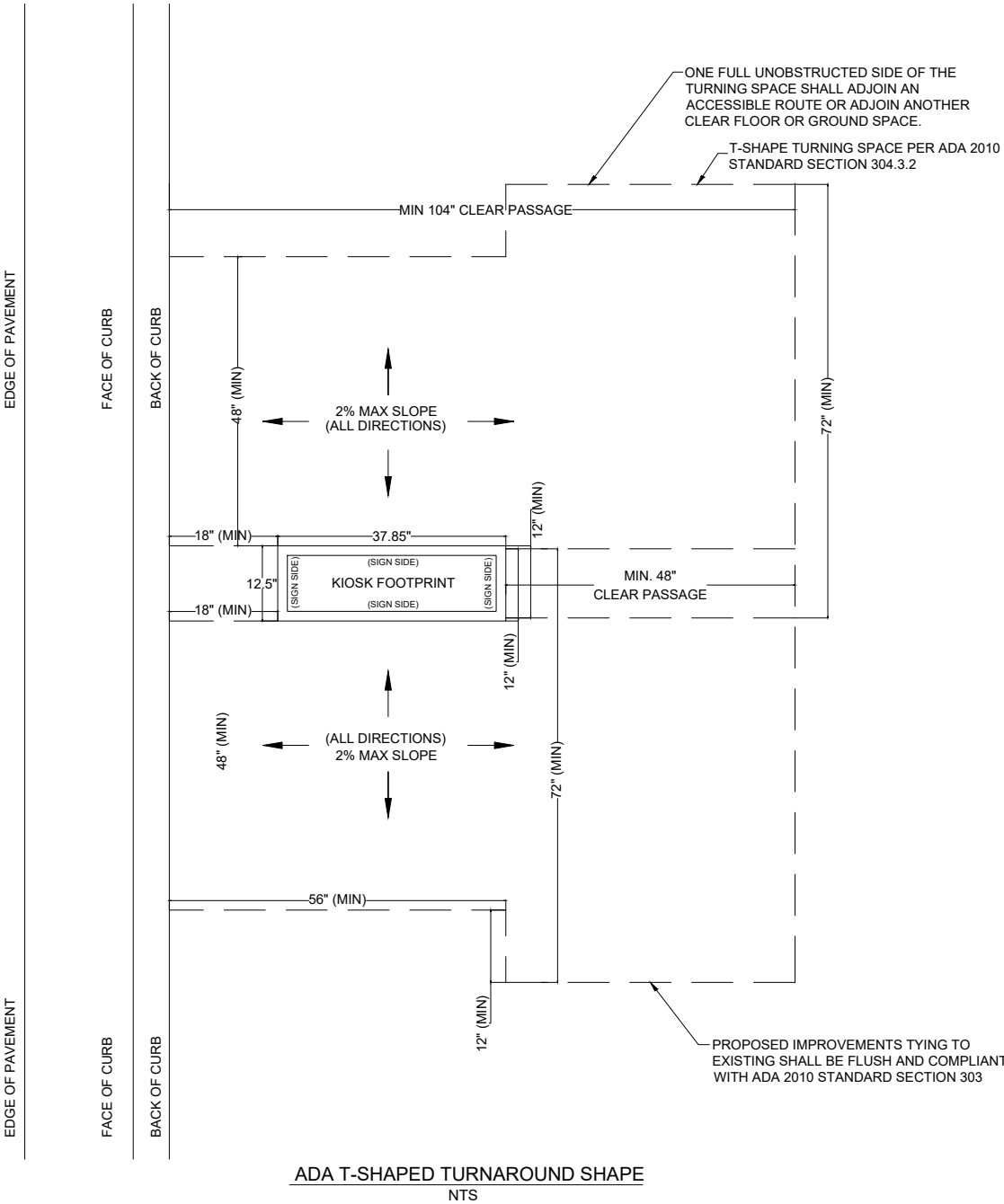
1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.

2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)

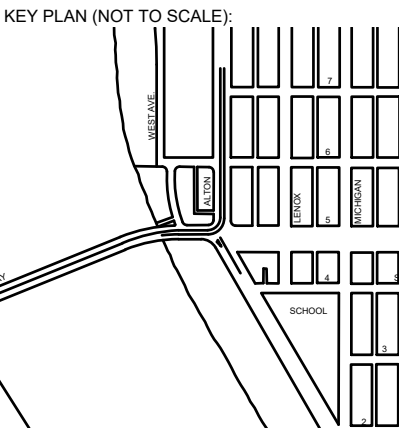
3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

WEIGHT: 832 LBS

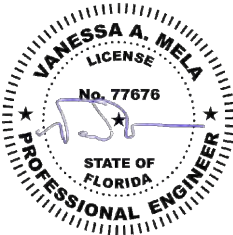
CERTIFICATION CE / FCC / RoHS



NOTES:



P.E. SEAL:



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



LEGEND



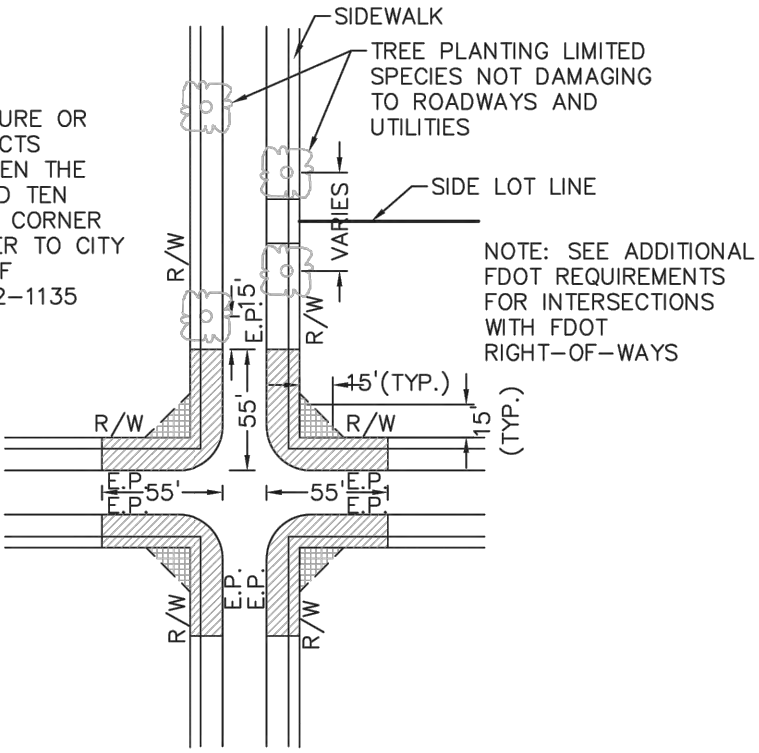
AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142-1135



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

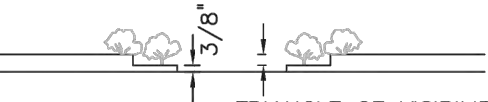
E.P. EDGE OF PAVEMENT

R/W RIGHT OF WAY



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.

MIAMI BEACH
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

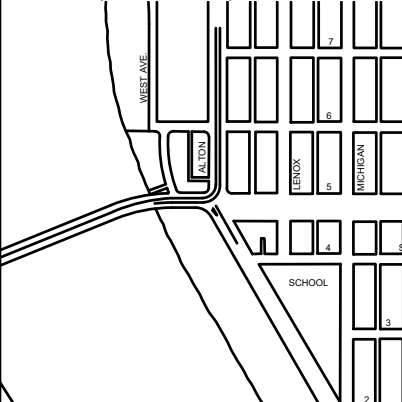
SIGHT TRIANGLE CLEARANCE

Sunshine811

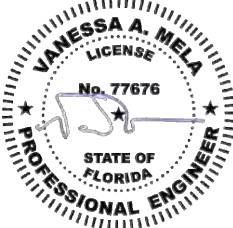
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

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

4

3

2

1

NO.

DATE

REVISION

APP'D. BY



ENGINEER OF RECORD:

ENGINEER OF RECORD: VM

DESIGN ENGINEER: VM

DRAWN BY: KM

CHECKER: WP

SCALE:

VANESSA A. MELA,
P.E. NO. 77676

NEIGHBORHOOD:

MIB-016: ALTON ROAD & 5TH STREET

TITLE:

CIVIL SITE PLAN

File Name: MIB-016-CIVIL PLANS.dwg

Survey Reference:

Field Book: N/A

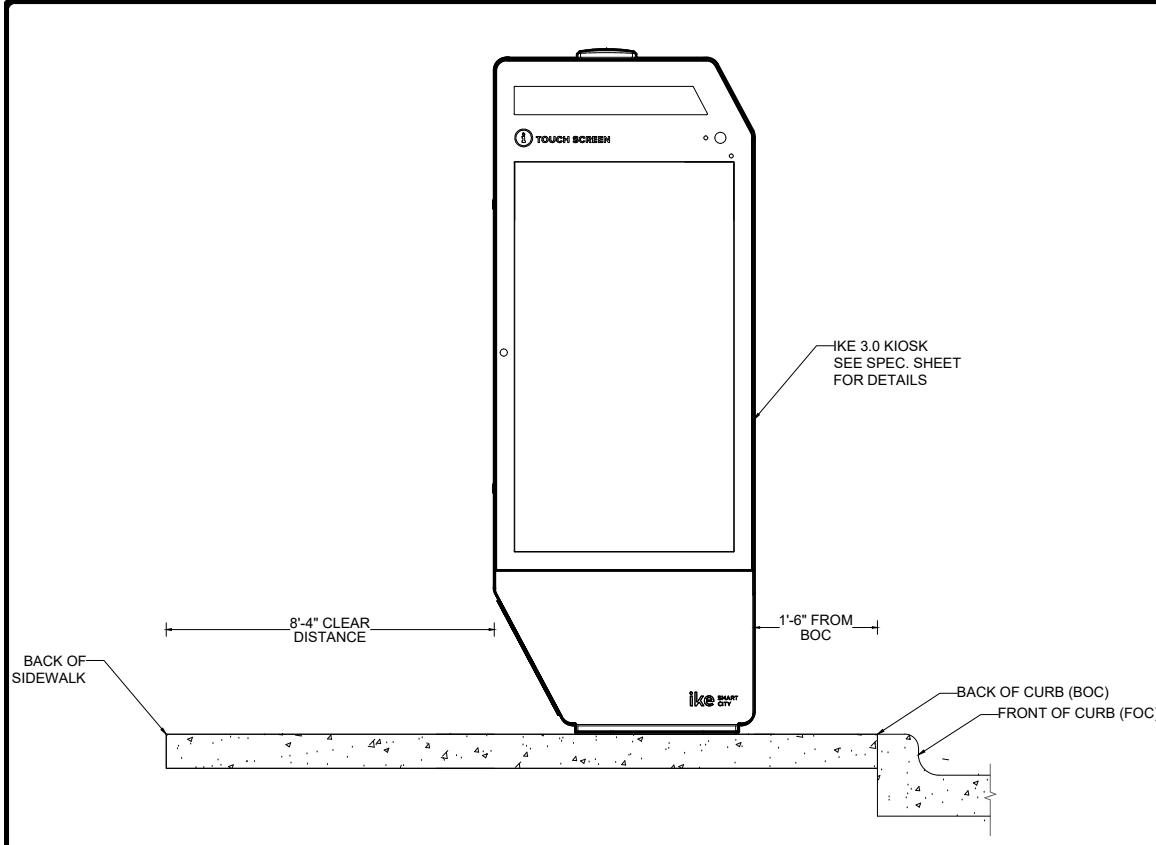
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Work Order: N/A

Date: 10/09/2023

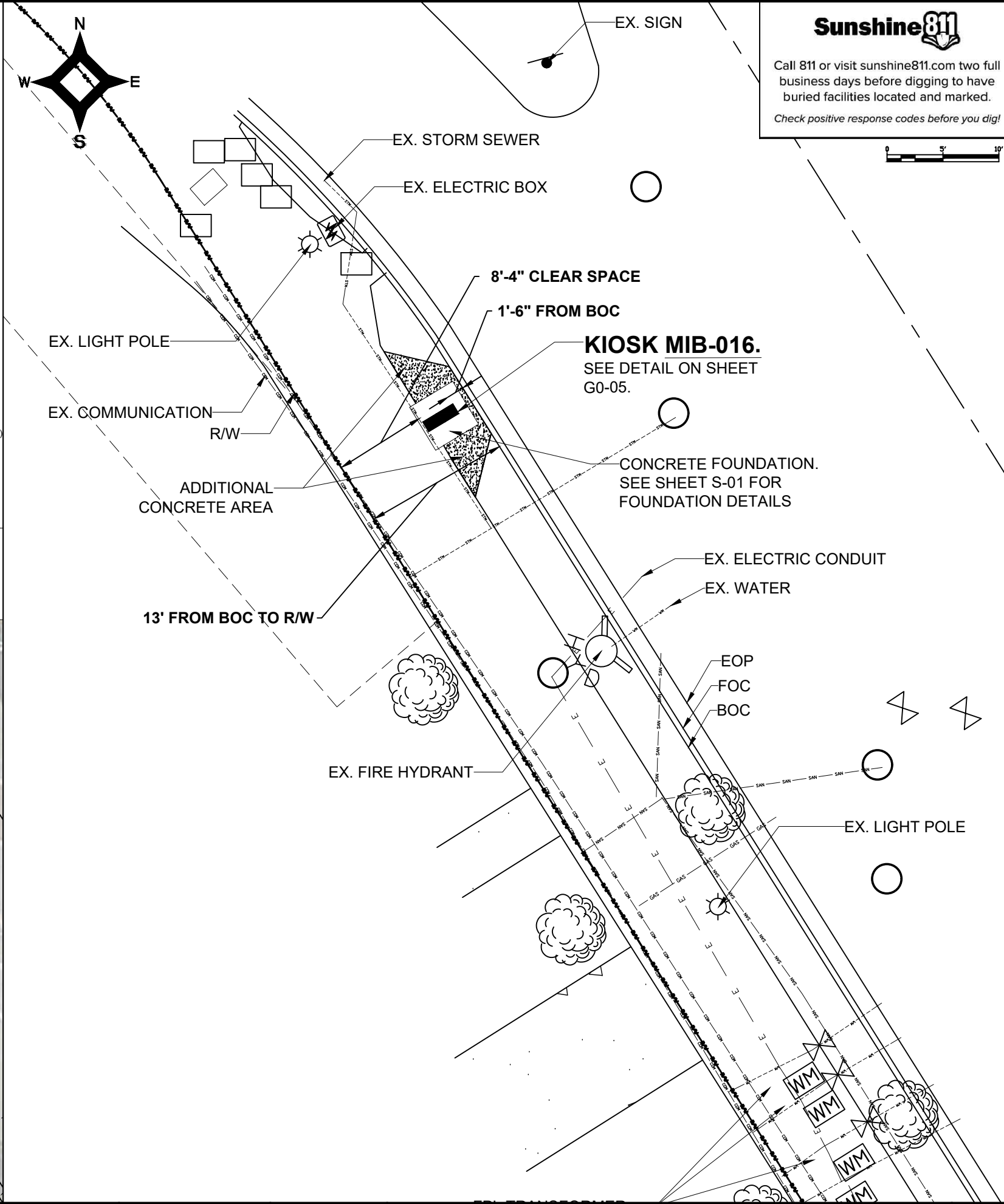
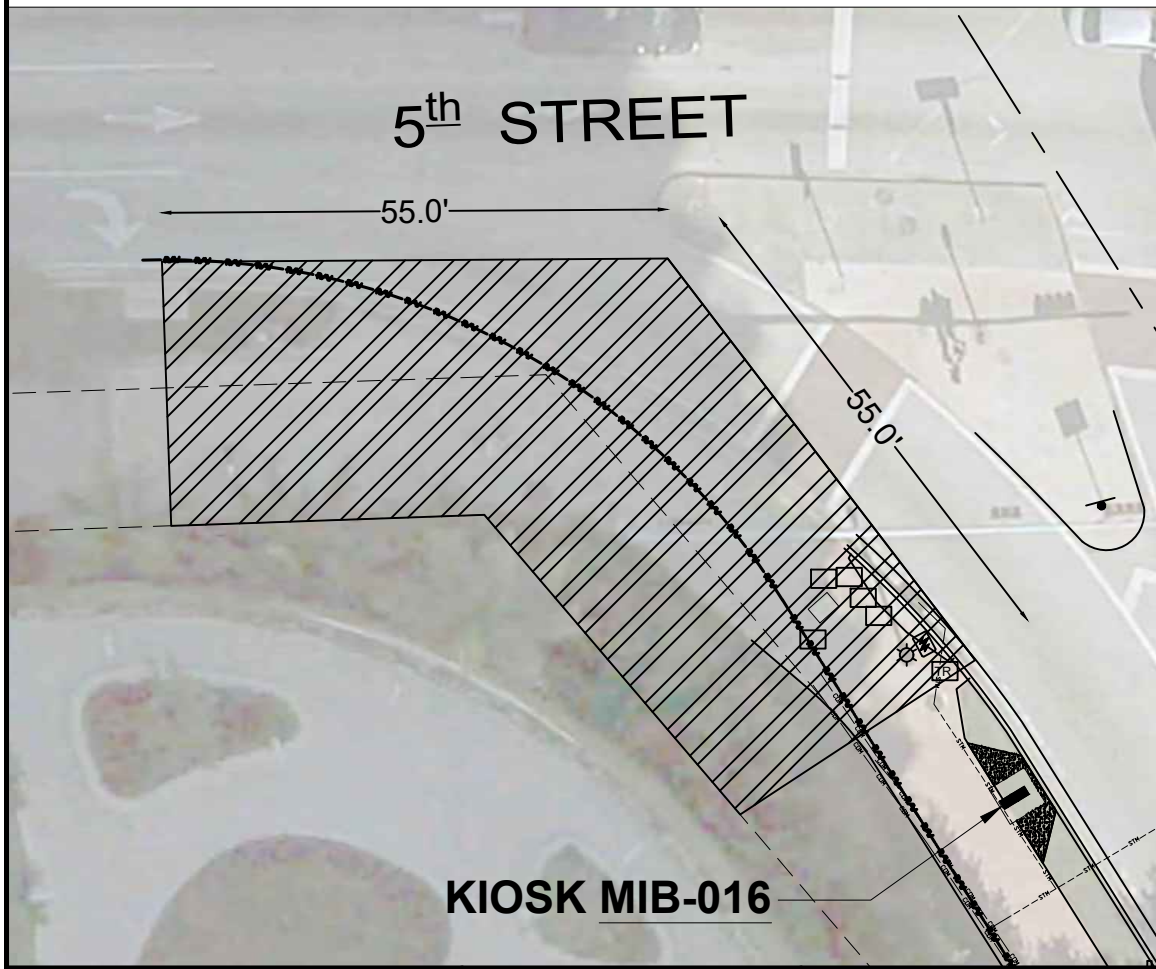
Sheet: 3 of 6

Drawing: C1-01



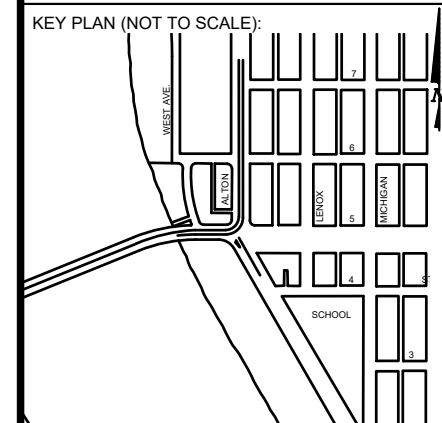
VISIBILITY TRIANGLE CLEARANCE ANALYSIS

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!

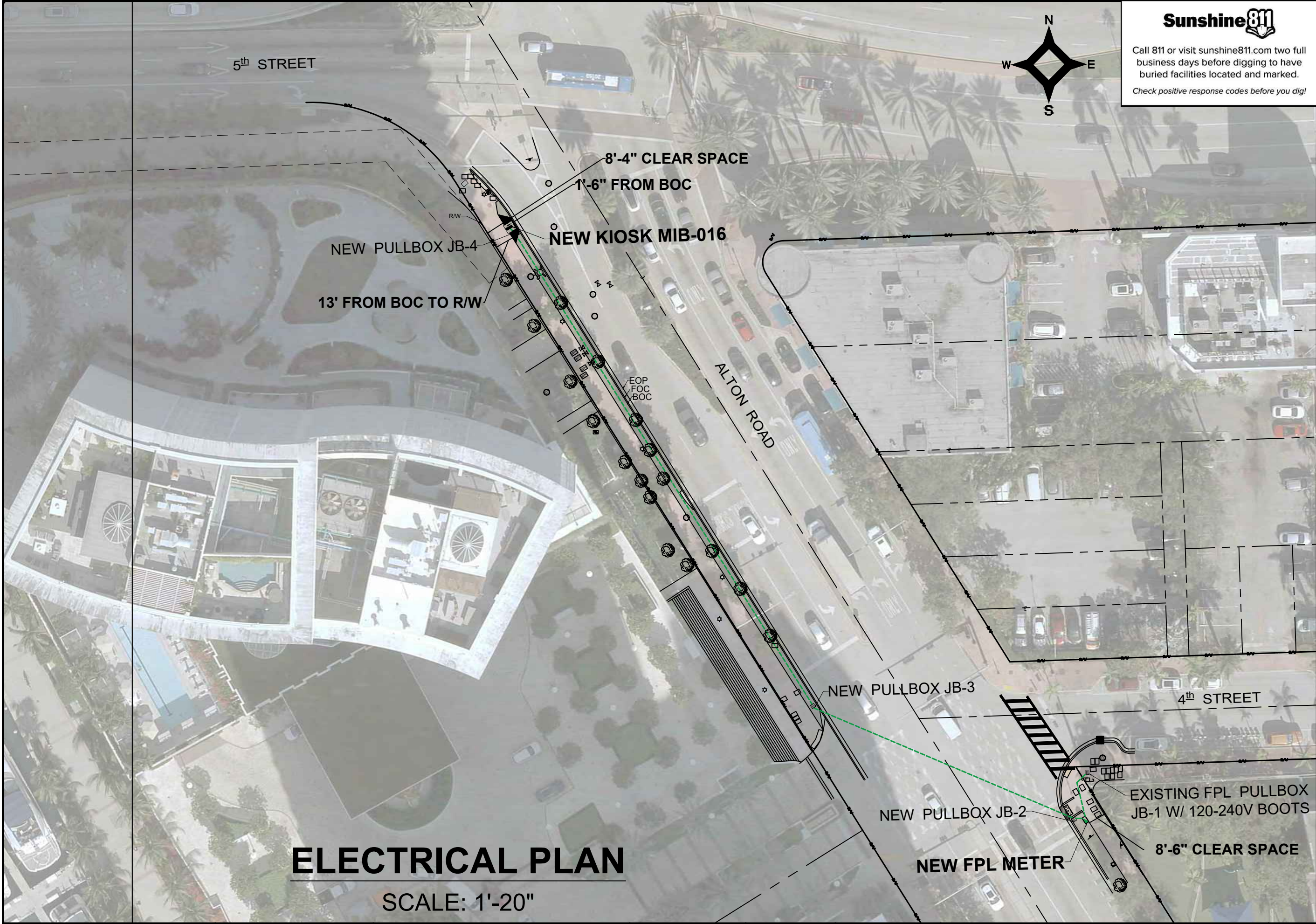
NOTES:



P.E. SEAL:

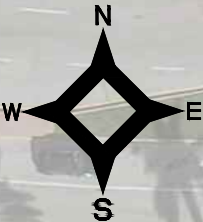
VANESSA A. MELA
LICENSE
No. 77676
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

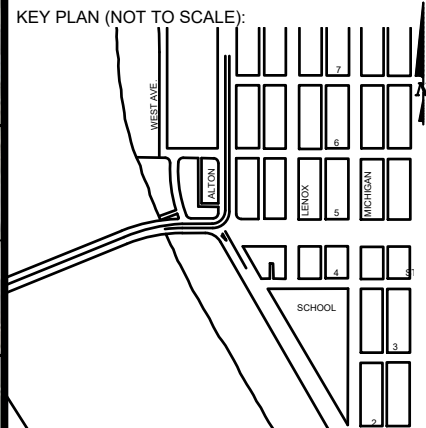


Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

NOTES:



KEY PLAN (NOT TO SCALE):



P.E. SEAL:



ELECTRICAL PLAN

SCALE: 1'-20"

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



[illegible]

(Not valid without the attached Survey Map)

- SUE NOTES:**

I HEREBY CERTIFY TO:



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.

LEGEND & ABBREVIATIONS

BELLO & BELLO LAND SURVEYING



14. Alton Road & 5th Street



MIAMI BEACH

PUBLIC WORKS DEPARTMENT

COLLINS AVENUE & SOUTH POINTE DRIVE

INTERACTIVE DIGITAL KIOSK DEPLOYMENT PROJECT

OCTOBER 2023

IKE SMART CITY

MIB-014

CITY OF MIAMI BEACH

MAYOR: DAN GELBER

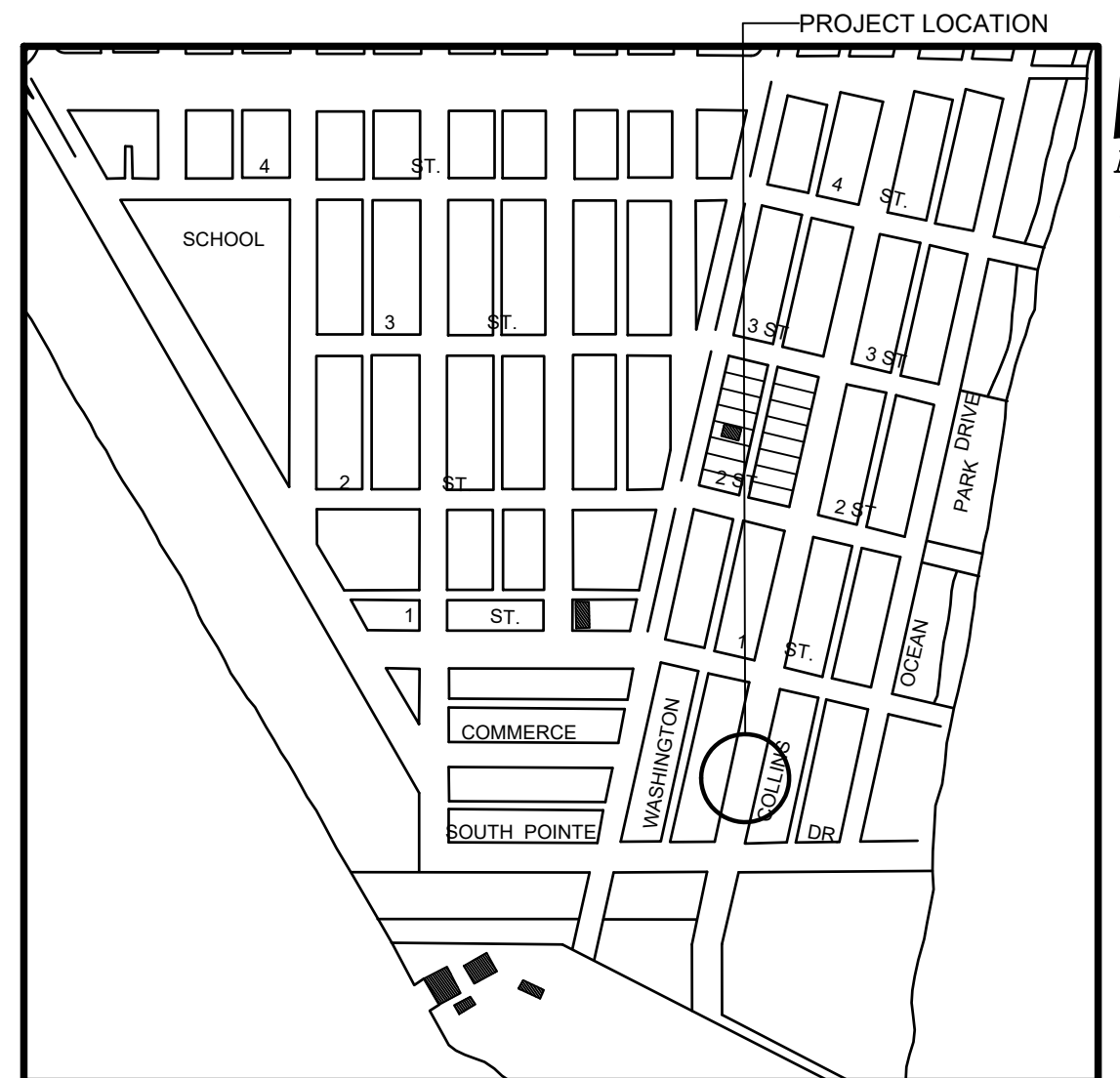
COMMISSIONERS: MICKY STEINBERG
MARK SAMUELIAN
MICHAEL GONGORA
STEVEN MEINER
RICKEY ARRIOLA
DAVID RICHARDSON

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



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-014 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-014 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-014 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.



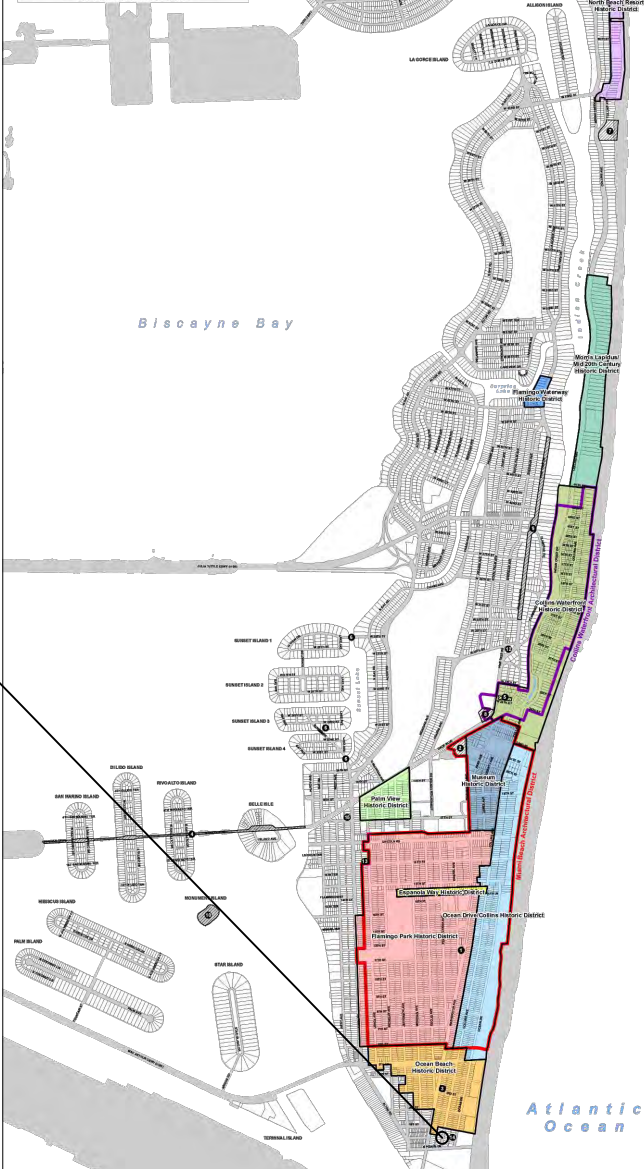
ENGINEER OF RECORD: VANESSA A. MELA, P.E. NO. 77676

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-014 ENGINEERING PLAN	
5	ELECTRICAL	E1-01	KIOSK MIB-014 ELECTRICAL PLAN	
6	SURVEY		KIOSK MIB-014 SITE SURVEY	

HISTORIC DISTRICTS
AND SITES
OF THE
CITY OF
MIAMI BEACH
• FLORIDA •
INCORPORATED 1915
DATE OF LAST REVISION MAY 17, 2018



PROJECT LOCATION

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

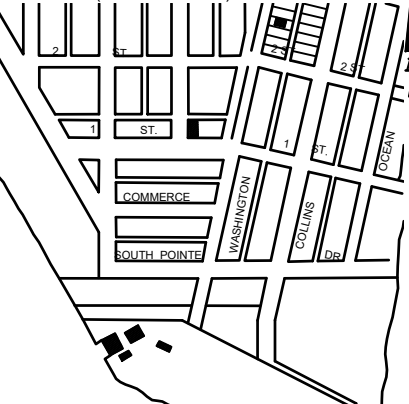
ASPHALT	BRICK
PAVER	CONCRETE
UNIMPROVED	TILE
GRAVEL	STAMPED CONCRETE

LEGEND AND ABBREVIATIONS

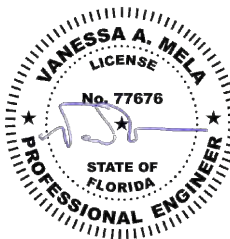
- = PALM TREE
- = TREE
- = ORNAMENTAL TREE
- O.R.B. = OFFICIAL RECORDS BOOK
- PG. = PAGE
- ELEV. = ELEVATION
- TYP. = TYPICAL
- CATV = CABLE TELEVISION
- OHE = OVERHEAD ELECTRIC LINE
- X 0.00 = SPOT ELEVATION
- CONC. = CONCRETE
- C.B.S. = CONCRETE BLOCK STUCCO
- C.L.F. = CHAIN LINK FENCE
- W.F. = WOOD FENCE
- M.F. = METAL FENCE
- RCP = REINFORCED CONCRETE PIPE
- FF = FINISH FLOOR
- (R) = RECORD
- (C) = CALCULATED
- (M) = MEASURE
- LB = LICENSE BUSINESS
- L = LENGTH
- A = 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:



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-014: COLLINS AVENUE & SOUTH POINTE DR

TITLE:

INDEX OF SHEETS

File Name: MIB-014-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:

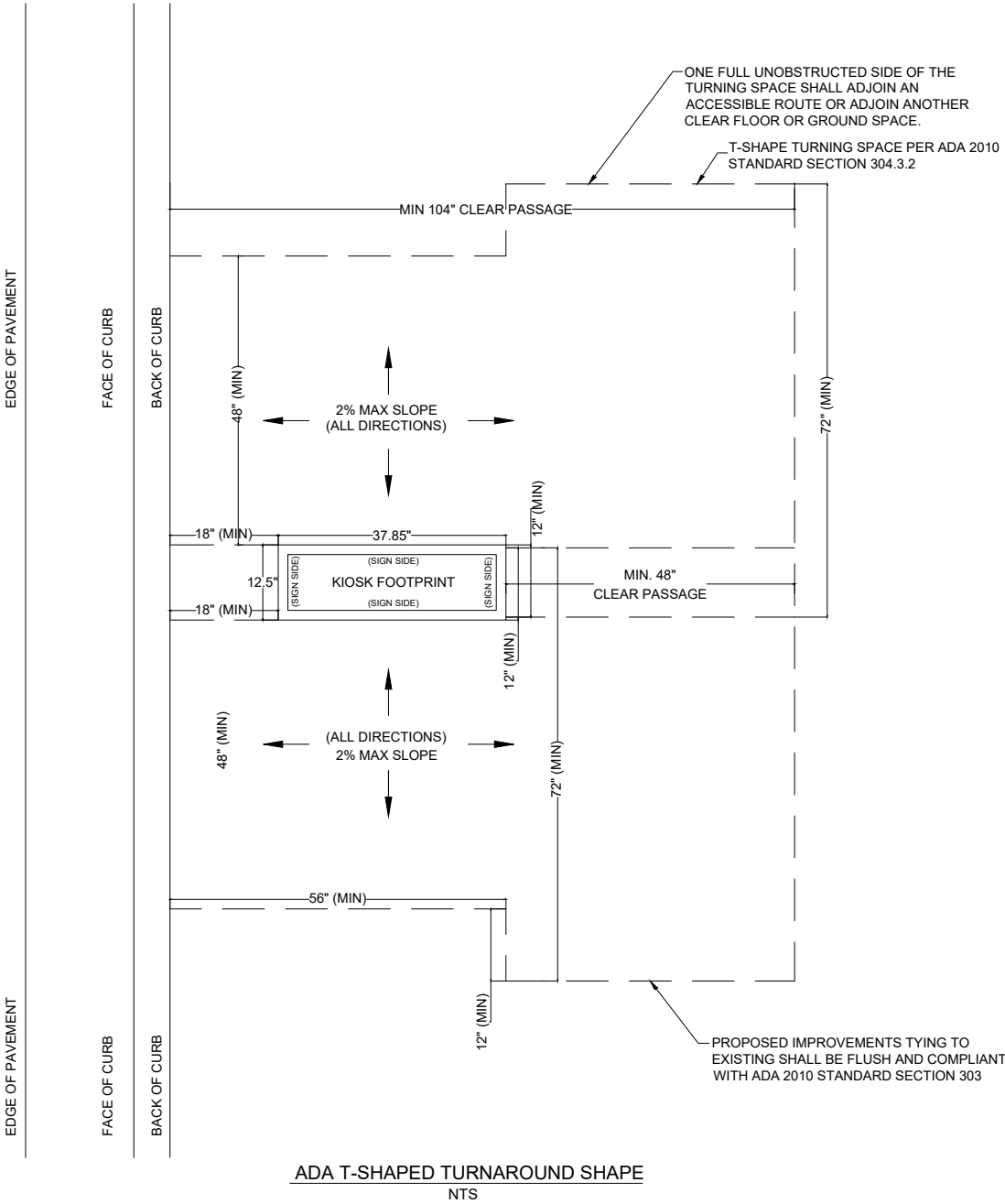
1. ONE-2-POLE, 20 AMP, 240 VOLTS CIRCUIT.

2. TOTAL LOAD: 1400/2200 WATTS (OPERATIONAL/PEAK)

3. VOLTAGE: 100-240 VOLTS AC, 50-60 HZ

WEIGHT: 832 LBS

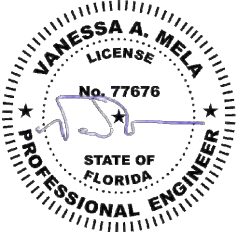
CERTIFICATION CE / FCC / RoHS

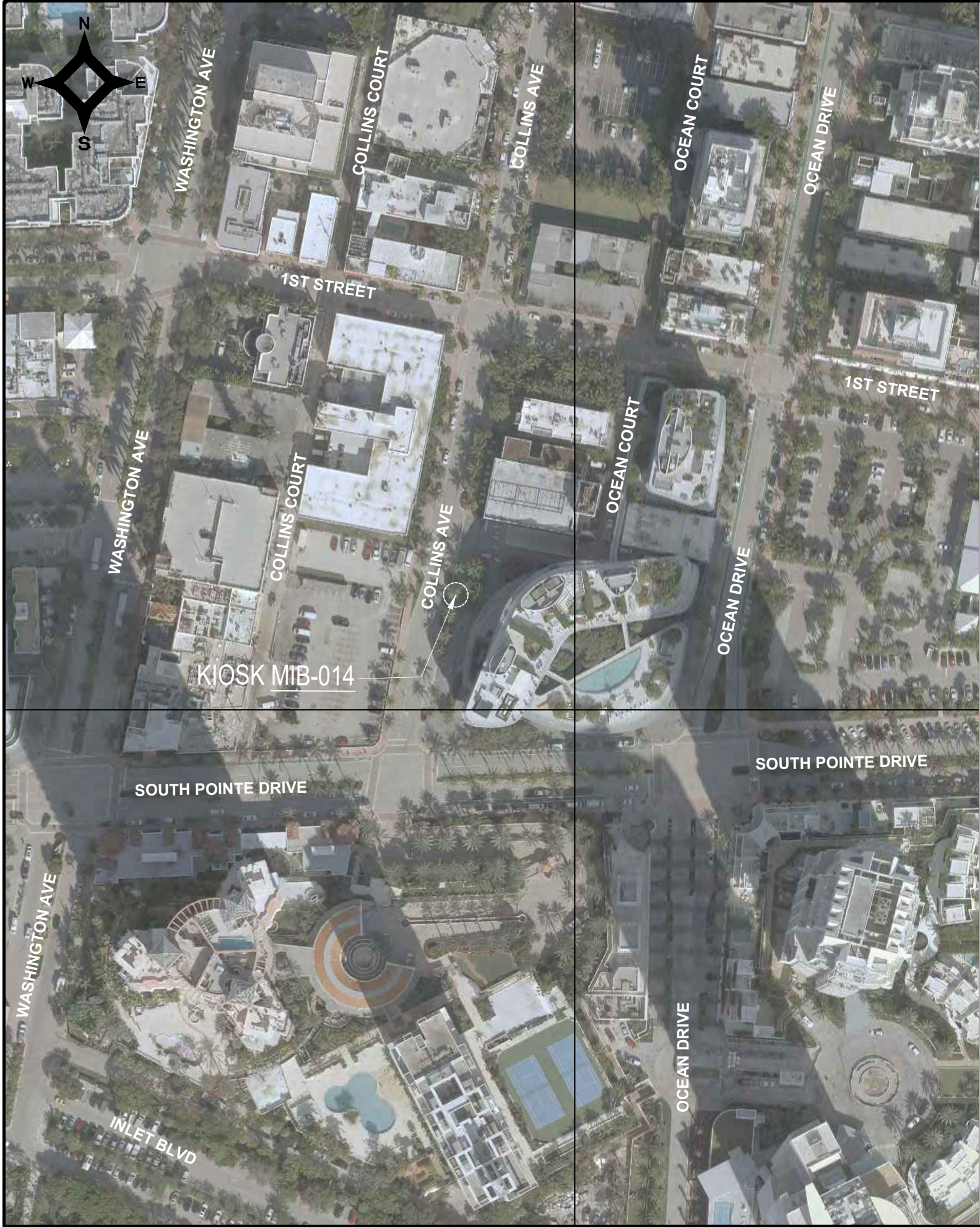


NOTES:



P.E. SEAL:





LEGEND



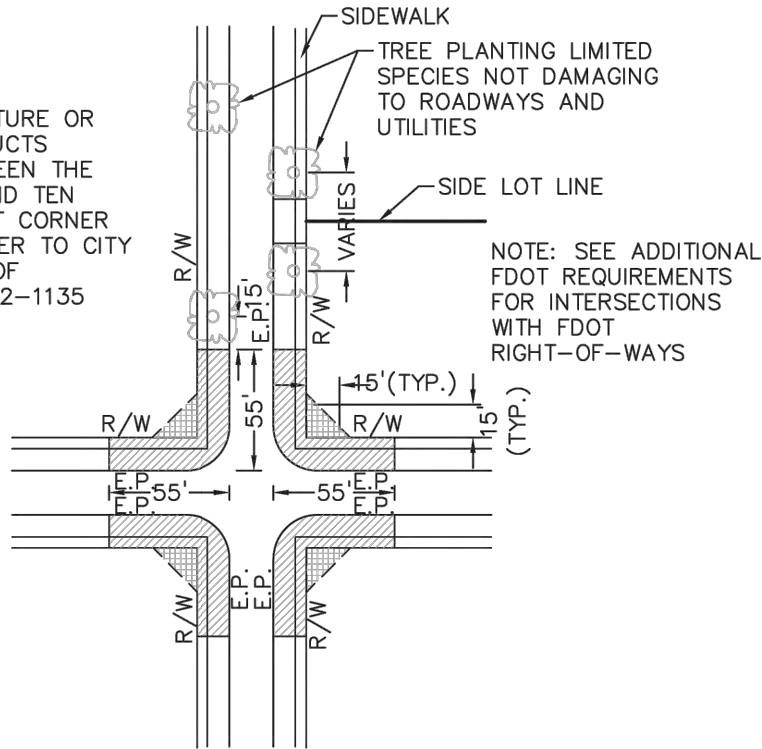
AREA WHERE NO STRUCTURE OR PLANTING WHICH OBSTRUCTS TRAFFIC VISIBILITY BETWEEN THE HEIGHT OF TWO FEET AND TEN FEET ABOVE THE STREET CORNER GRADE IS ALLOWED. REFER TO CITY OF MIAMI BEACH CODE OF ORDINANCES SECTION 142-1135



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

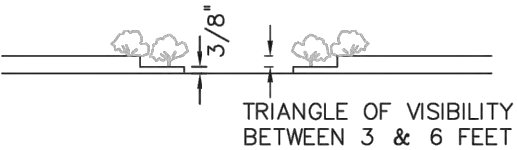
E.P. EDGE OF PAVEMENT

R/W RIGHT OF WAY



PLAN VIEW

N.T.S.



ELEVATION VIEW

N.T.S.

NOTES:

- 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.
- 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.

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

APPROVED

REVISED

07/2020

08/2020

TITLE:

SIGHT RESTRICTIONS AT INTERSECTIONS
WITH NO DEDICATED RADII

DETAIL

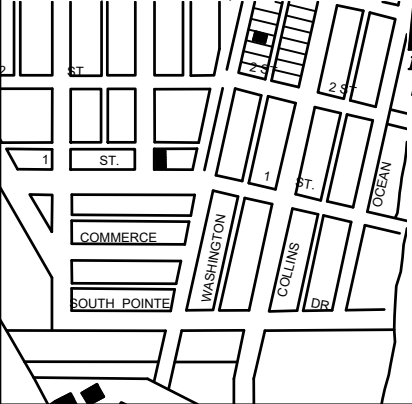
10-26

SIGHT TRIANGLE CLEARANCE

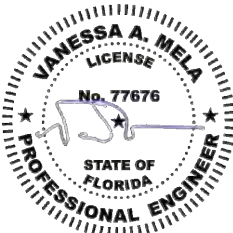
Sunshine811

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

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-014: COLLINS AVENUE & SOUTH POINTE DR

TITLE:

CIVIL SITE PLAN

File Name: MIB-014-CIVIL PLANS.dwg

Survey Reference:

Field Book: N/A

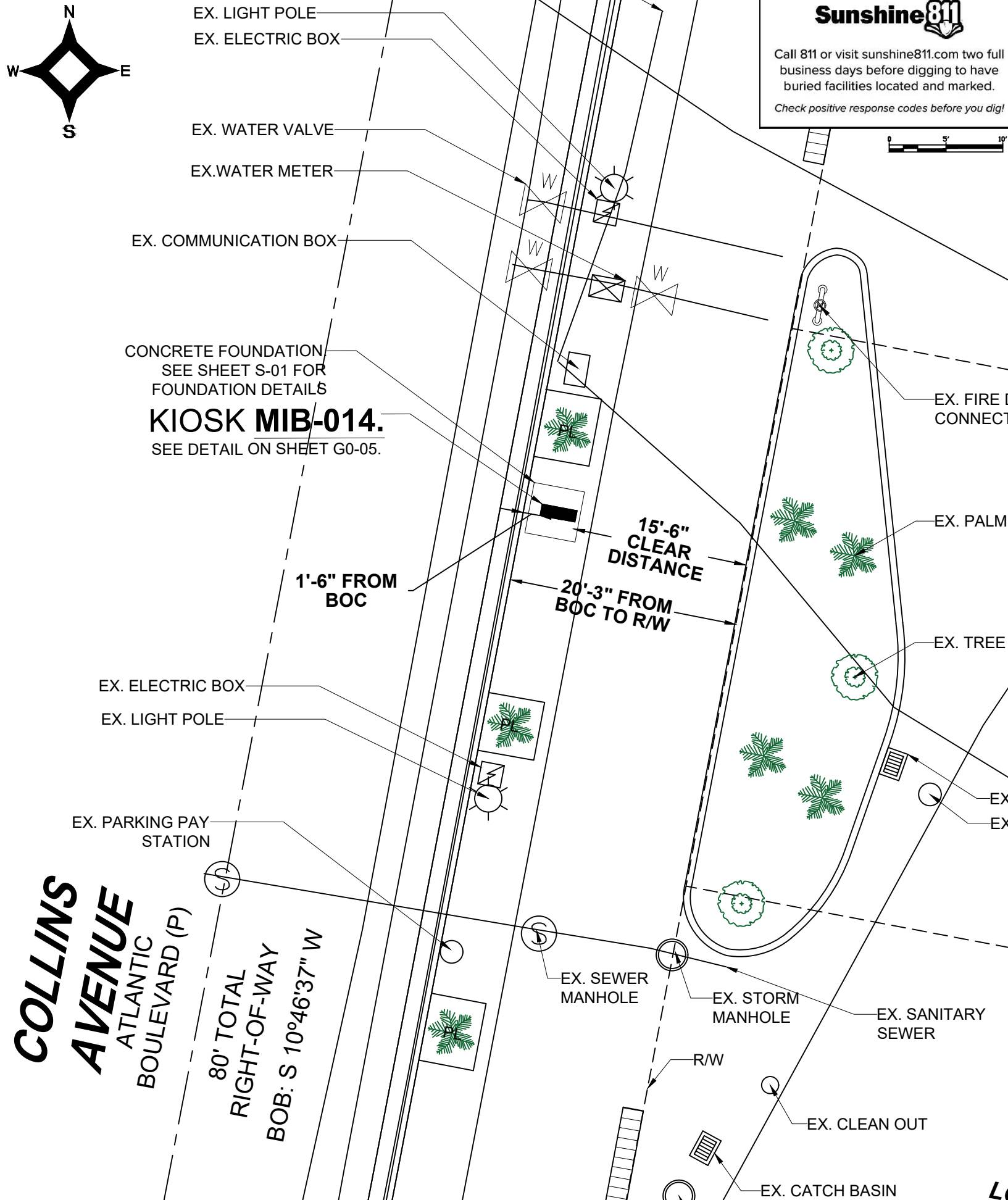
Date: 10/09/2023

Page: N/A

Sheet: 3 of 6

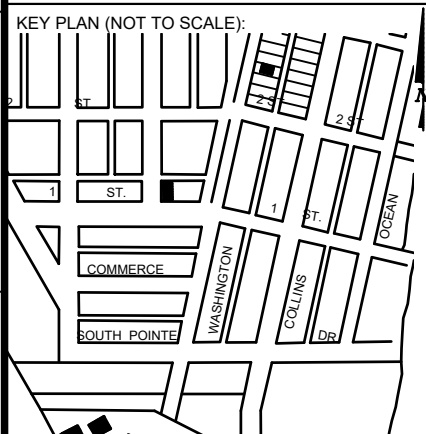
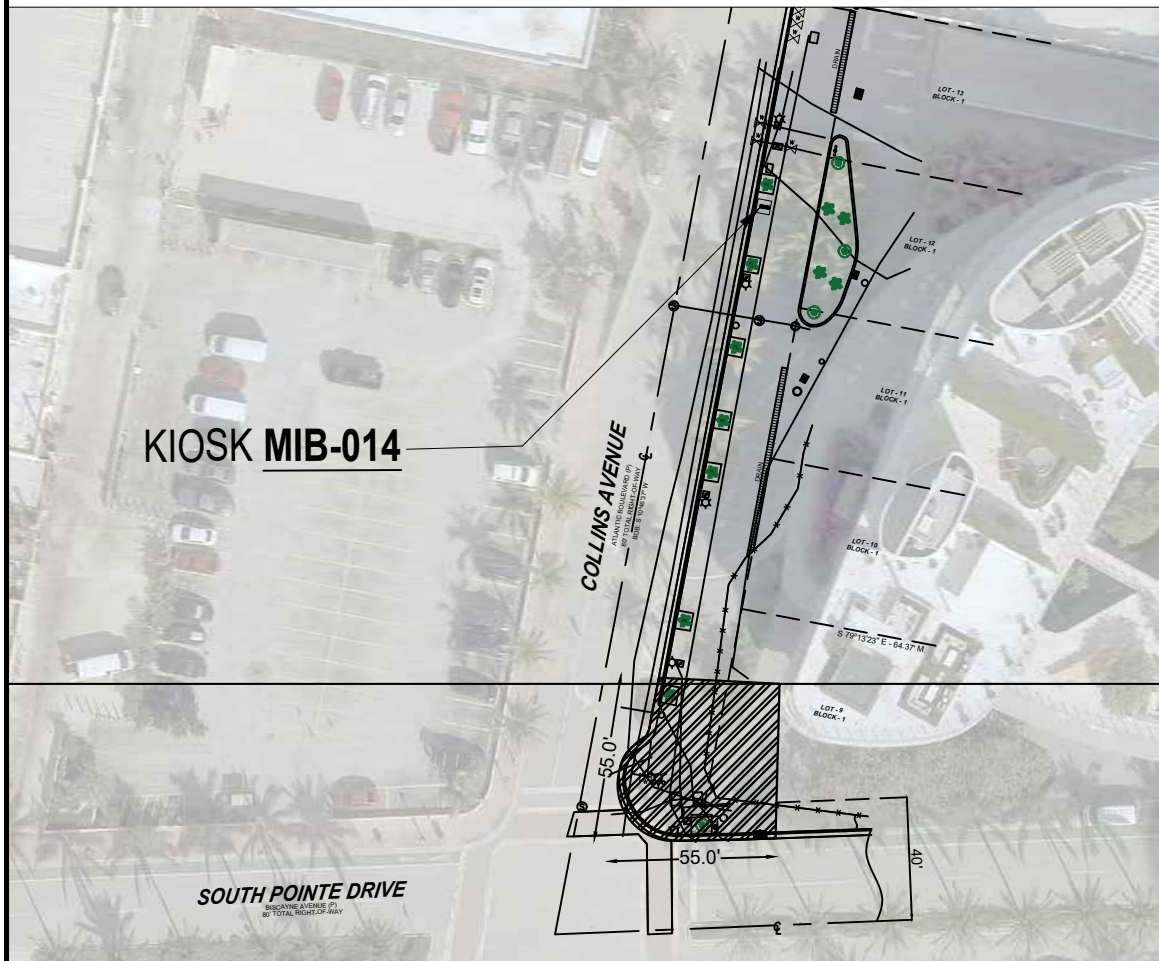
Work Order: N/A

Drawing: C1-01




VISIBILITY TRIANGLE CLEARANCE ANALYSIS

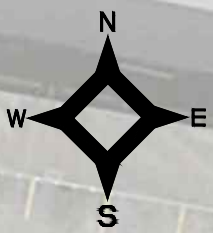
SCALE: 1'-30"



P.E. SEAL:



The seal is circular with a dashed outer border. Inside the border, the text "VANESSA A. MELA" is at the top, "LICENSE" is below it, "No. 77676" is in the center, and "PROFESSIONAL ENGINEER" is at the bottom. "STATE OF FLORIDA" is written in two lines below the center. A signature is written across the seal, and a horizontal line is drawn through the center.



KIOSK MIB-014

PULLBOX JB-3

COLLINS AVENUE

ATLANTIC BOULEVARD (P)
80' TOTAL RIGHT-OF-WAY
BOB: S 10°46'37" W

BOC
FOC
EOP

15'-6" CLEAR DISTANCE

20'-3" FROM BOC TO R/W

LOT - 12
BLOCK - 1

LOT - 11
BLOCK - 1

LOT - 10
BLOCK - 1

S 79°13'23" E - 64.37' M.

LOT - 9
BLOCK - 1

NEW PULLBOX JB-2

17'-9" CLEAR DISTANCE

EXISTING FPL PULLBOX JB-1

NEW FPL METER

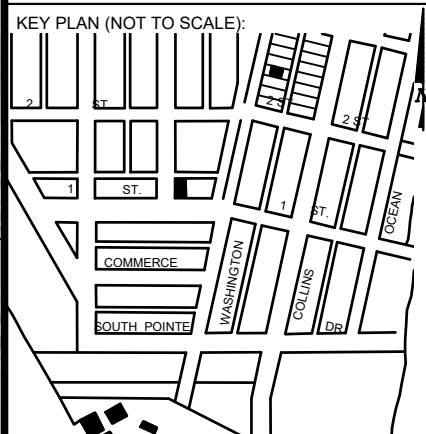
40'

R/W

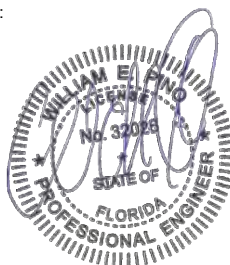
ELECTRICAL PLAN

SCALE: 1'-10"

NOTES:



P.E. SEAL:



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.

5			
4			
3			
2			
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-014: COLLINS AVENUE & SOUTH POINTE DR

TITLE:
KIOSK MIB-014 ELECTRICAL PLAN

File Name: MIB-014-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

LEGEND

ABBREVIATIONS:

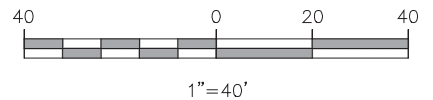
A = ARC DISTANCE
AC = AIR CONDITIONER PAD
BCR = BROWARD COUNTY RECORDS
BLDG = BUILDING
BM = BENCH MARK
BOB = BASIS OF BEARINGS
CBS = CONCRETE BLOCK & STUCCO
(C) = CALCULATED
C&G = CURB & GUTTER
CLF = CHAIN LINK FENCE
COL = COLUMN
D.E. = DRAINAGE EASEMENT
D.M.E. = DRAINAGE & MAINTENANCE EASEMENT
D/W = 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 & DISK
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
C = CENTER LINE
WV = WATER VALVE
☒ = CURB INLET
☒ = FIRE HYDRANT
☒ = LIGHT POLE
☒ = CATCH BASIN
☒ = UTILITY POLE
① = DRAINAGE MANHOLE
② = SEWER MANHOLE
--- = 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

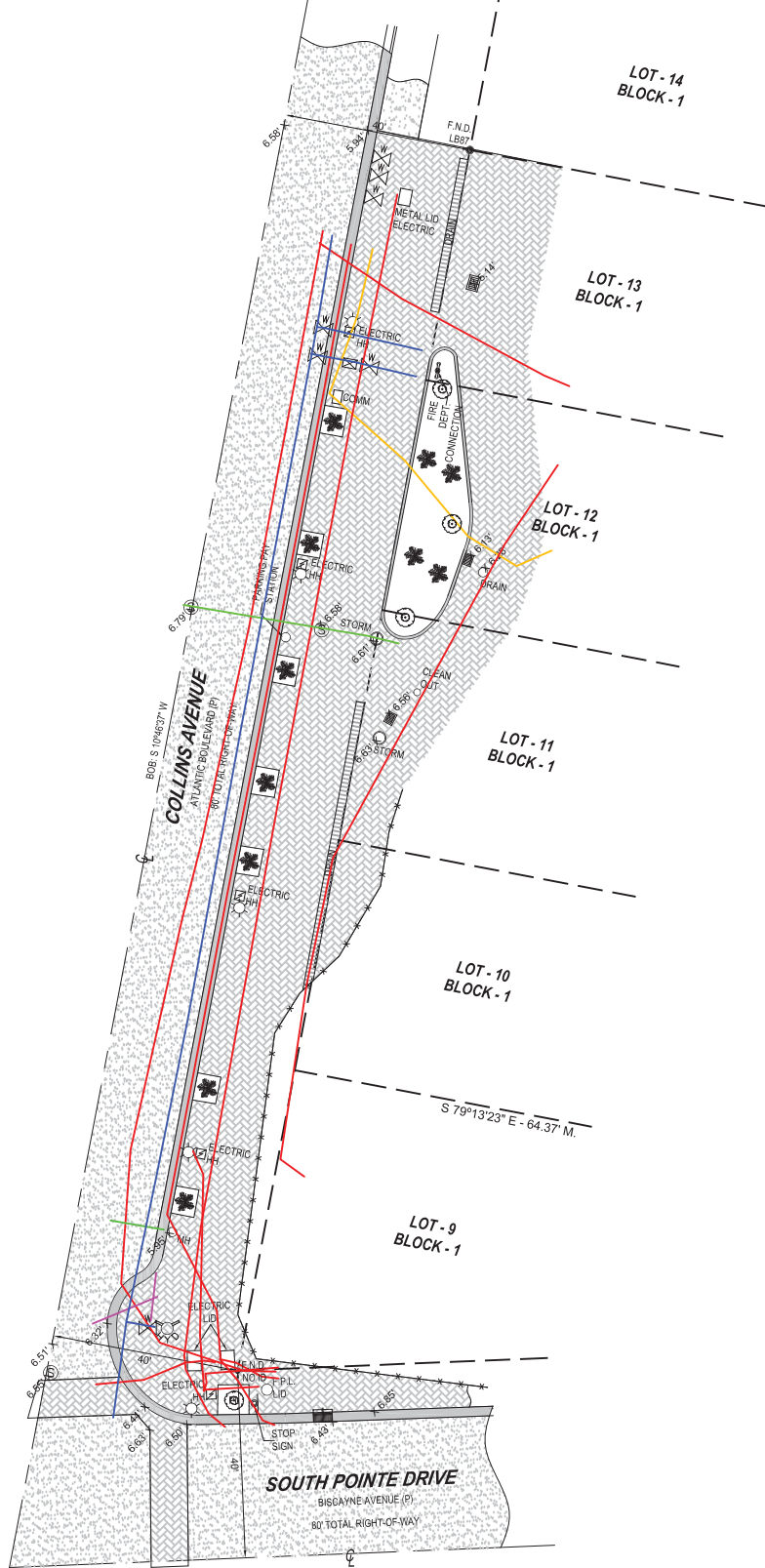


BENCHMARK INFORMATION:

NAME: D-145 ADJUSTED
ELEVATION: 6.60' (NGVD29)
LOCATION 1: OCEAN DR --- 58' EAST OF C/L
LOCATION 2: S POINTE DR --- 37' NORTH OF C/L
DESCRIPTION: PK NAIL AND BRASS WASHER IN CONC CURB OF HANDICAPP RAMP AT NE CORNER OF INTERSECTION.

MAP OF SPECIFIC PURPOSE TOPOGRAPHIC & TREE SURVEY

OF A PORTION OF
"COLLINS AVENUE"
CITY OF MIAMI BEACH, FL.
PLAT OF "OCEAN BEACH, FLA."
PLAT BOOK 2, PAGE 38, MDCR



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

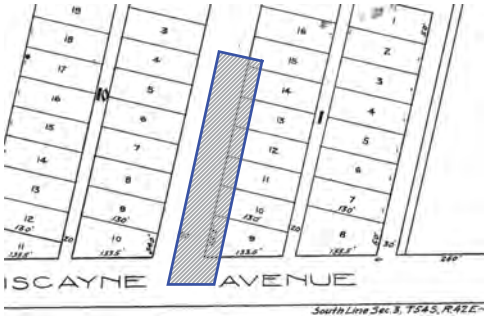
CERTIFICATE OF AUTHORIZATION # LB-8023

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

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:

- ELEVATIONS WHEN SHOWN REFER TO 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).
- NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
- 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.
- 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.
- ALL BOUNDARY LIMIT INDICATORS SET ARE STAMPED LB#8023.
- THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT OR ITS REPRESENTATIVE.
- FENCE OWNERSHIP IS NOT DETERMINED. DIMENSIONS ARE TO THE INTERIOR PORTION OF THE FENCE.
- 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).
- 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.
- BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE CENTERLINE OF COLLINS AVE BEARS S 10°46'37" W.

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 STATUTE.

CERTIFIED TO:

MAIN STREET ENGINEERING

SEAL

DATE OF ORIGINAL FIELD WORK:
08/02/2023
JOB NUMBER: 23079753
DRAWN BY: ADRIEL
CAD FILE: MAIN STREET ENG
SHEET 1 OF 1
REVISION(S):

15. Collins Ave & South Pointe Dr

