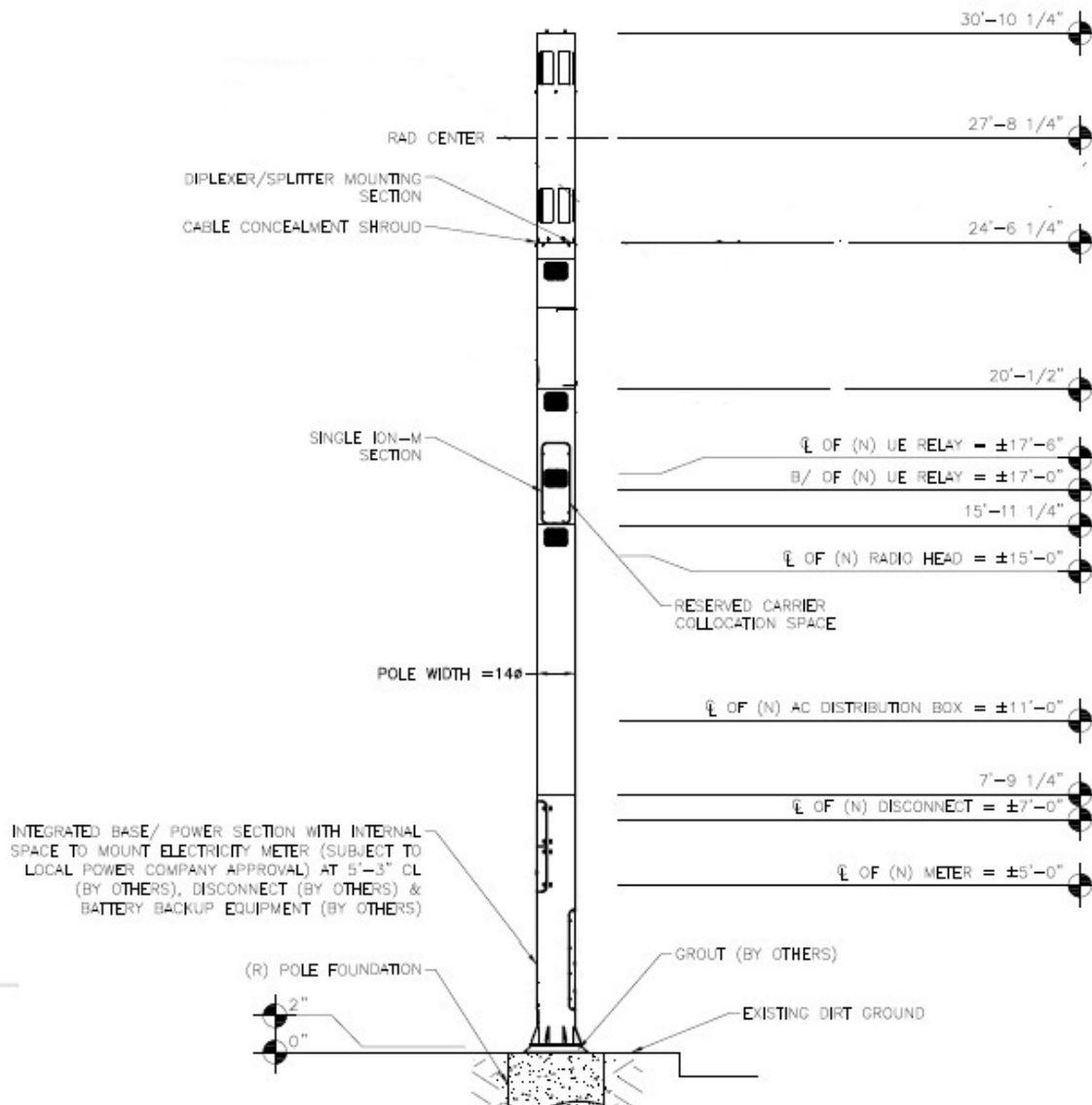


SMALL-CELL LIGHT POLE PROJECTS

City of Miami Beach - Board Applications

MOBILITIE CANDIDATE #
9FLB003757E/MI90XSK32E





ITEM # 2—COPY OF SIGNED AND DATED CHECKLIST

Planning Department, 1700 Convention Center Drive 2nd Floor
 Miami Beach, Florida 33139, www.miamibeachfl.gov
 305.673.7550

Property address:

Das Nodes

Board:

HPB

Date:

8/3/17

BOARD APPLICATION CHECK LIST

A pre-application meeting must be scheduled with the Board staff to review all submittals.

Pre-application meetings for applications that do not require a traffic study are scheduled on a first come first served basis and must occur no later than five(5) business days prior to the CAP first submittal.

Applications that require a traffic study must meet 60 days* prior to CAP first submittal deadline with Planning staff, Transportation Department and peer reviewer to determine the methodology for the traffic impact study. After this meeting the applicant must create a CAP application in order to be invoiced and pay fees. Applicant must submit online (CAP) the traffic study 30 days prior to CAP first submittal (see Transportation Department list requirements)

Transportation Department/Peer Reviewer will submit first round of comments 15 days prior to first submittal. Applicant must address comments and submit revised traffic study/plans for CAP first submittal deadline

Incomplete, or submittals found to be insufficient will not be placed on a Board agenda.

ITEM #	CAP FIRST SUBMITTAL To be uploaded online (CAP) by the applicant before 5:00 pm on first submittal deadline. ALL PLANS MUST BE DIMENSIONED AND LEGIBLE. INCLUDE A GRAPHIC SCALE.	Required
1	Application Fee shall be paid after pre-application meeting and before the first submittal.	X
2	Copy of signed and dated check list issued at pre-application meeting.	X
3	Completed Board Application, Affidavits & Disclosures of Interest (original signatures).	X
4	Letter of Intent dated and signed with details of application request. (see also Items # 43,44 and 45).	X
5	Mailing Labels (2 printed sets and a CD including: Property owner's list and Original certified letter from provider, see Item #52).	X
6	Copies of all current or previously active Business Tax Receipts.	
7	School Concurrency Application, for projects with a net increase in residential units (no SFH). (Provide Planning Department - Miami Dade - School Concurrency list).	
8	Survey (original signed & sealed) dated less than 6 months old at the time of application. Provide: lot area, grade per Section 114-1 of the City Code. (If no sidewalk exists, provide the elevation of the crown of the road) and spot elevations.	X
9	Architectural Plans and Exhibits (must be 11"x 17" size):	X
a	Cover Sheet with bullet point scope of work, clearly labeled "First Submittal" and dated with First Submittal deadline date.	X
b	Copy of the original survey	X
c	All Applicable Zoning Information (Use Planning Department zoning data sheet format).	X
d	Location Plan, Min 4"x6" Color Aerial 1/2 mile radius, showing name of streets and project site identified.	X
e	Full legal description of the property if not included in survey (for lengthy legal descriptions, attach as a separate document if necessary).	X
f	Existing FAR Shaded Diagrams (Single Family Districts: Unit Size and Lot Coverage Shaded Diagrams).	X
g	Proposed FAR Shaded Diagrams (Single Family Districts: Unit Size and Lot Coverage Shaded Diagrams).	X
h	Site Plan (fully dimensioned with setbacks, existing and proposed, including adjacent right-of-way widths).	X
i	Current color photographs, dated, Min 4"x 6" of project site and existing structures (no Google images)	X
j	Current, color photographs, dated, Min 4"x6" of interior space (no Google images)	X
k	Current color photographs, dated, Min 4"x 6" of context, corner to corner, across the street and surrounding properties with a key directional plan (no Google images)	X

* 60 day lead time for projects including traffic studies is necessary to ensure completion of review by final submittal deadline and scheduling for hearing.

Indicate N/A If Not Applicable

Initials: 

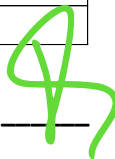
Planning Department, 1700 Convention Center Drive 2nd Floor
Miami Beach, Florida 33139, www.miamibeachfl.gov
305.673.7550

Property address:

l	Existing Conditions Drawings (Floor Plans & Elevations with dimensions). Number of seats, furniture layout if applicable	X
m	Demolition Plans (Floor Plans & Elevations with dimensions)	X
n	Proposed Floor Plans and Roof Plan, including mechanical equipment plan and section marks. Plans shall indicate location of all property lines and setbacks. <i>specs of pole</i>	X
o	Proposed Elevations, materials & finishes noted (showing grade, base flood elevation, heights in NGVD values and free board if applicable)	X
p	Proposed Section Drawings	X
q	Color Renderings (elevations and three dimensional perspective drawings). <i>photo simulation</i>	X
10	Landscape Plans and Exhibits (must be 11"x 17" size):	
a	Landscape Plan - street and onsite - identifying existing, proposed landscape material, lighting, irrigation, raised curbs, tree survey and tree disposition plan, as well as underground and overhead utilities when street trees are required.	
b	Hardscape Plan, i.e. paving materials, pattern, etc.	

ITEM #	CAP FIRST SUBMITTAL ADDITIONAL INFORMATION AS MAY BE REQUIRED AT THE PRE-APPLICATION MEETING	Required
11	Copy of original Building Permit Card, & Microfilm, if available.	
12	Copy of previously approved building permits. (provide building permit number).	
13	Copy of previously recorded Final Orders if applicable.	
14	Existing and Proposed detailed topographic survey depicting existing spot grades (NAVD) as well as all underground/overhead utilities and easements/agreements with recordation data. See Part 1 / Section 1 / A. Surveying & Mapping Standards and submittal Requirements of the Public Works Manual. http://www.miamibeachfl.gov/publicworks/engineering/engineeringmanual.aspx?id=12920	
15	Vacant or Unoccupied structures or sites shall provide recent photographic evidence that the site and structure are secured and maintained. The applicant shall obtain and post a No Trespassing Sign from the City's Police Department.	
16	Historic Resources Report (This report shall include, but shall not be limited to, copy of the original Building Permit Card and any subsequent evolution, Microfilm, existing condition analysis, photographic and written description of the history and evolution of the original building on the site, all available historic data including original plans, historic photographs and permit history of the structure).	
17	Contextual Elevation Line Drawings, corner to corner, across the street and surrounding properties (dated).	
18	Line of Sight studies.	
19	Structural Analysis of existing building including methodology for shoring and bracing.	
20	Proposed exterior and interior lighting plan, including photometric calculations.	
21	Exploded Axonometric Diagram (showing second floor in relationship to first floor).	
22	Neighborhood Context Study.	
23	Required yards open space calculations and shaded diagrams.	
24	Required yards section drawings.	
25	Variance and/or Waiver Diagram	
26	Schematic signage program	
27	Detailed sign(s) with dimensions and elevation drawings showing exact location.	
28	Elevation drawings showing area of building façade for sign calculation (Building ID signs).	
29	Daytime and nighttime renderings for illuminated signs.	
30	Floor Plan Indicating area where alcoholic beverages will be displayed.	
31	Survey showing width of the canal (Dimension shall be certified by a surveyor)	

Indicate N/A If Not Applicable

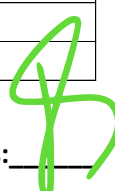
Initials: 

Planning Department, 1700 Convention Center Drive 2nd Floor
Miami Beach, Florida 33139, www.miamibeachfl.gov
305.673.7550

Property address:

32	Site Plan showing total projection of structures from seawall, location and dimension of all structures inclusive of dock, mooring piles, boat lift, etc.	
33	DERM recommendation/preliminary approval. Docks or any structures shall have approval stamp from DERM or other regulatory agency before submitting for a variance. A letter from DERM or other agency, explaining specific requirements for the project is recommended.	
34	Technical specifications of the boat lift and/ or boat, ship of vessel to be docked or moored.	
35	Survey shall include spot elevations in rear yard and elevation points on the dune adjacent to the property. Provide highest elevation point on the due within the property. Erosion control line and Bulkhead line shall be indicated if present.	
36	Scaled, signed, sealed and dated specific purpose survey (Alcohol License/Distance Separation) distance shown on survey with a straight line.	
37	Proposed Operational Plan: Include deliveries and trash pickup times, hours of operations, number of employees, security and restaurant menu (if applicable).	
38	Maneuvering plan for loading within the existing/proposed conditions, delivery and garbage trucks size (length and width).	
39	Traffic Study, Site plan(s) : Revised version addressing first round of comments from Transportation Department and peer review.	
40	Sound Study report (Hard copy) with 1 CD.	
41	Site Plan (Identify streets and alleys)	
a	Identify: setbacks ____ Height ____ Drive aisle widths ____ Streets and sidewalks widths ____	
b	# parking spaces & dimensions ____ Loading spaces locations & dimensions ____	
c	# of bicycle parking spaces ____	
d	Interior and loading area location & dimensions ____	
e	Street level trash room location and dimensions ____	
f	Delivery route ____ Sanitation operation ____ Valet drop-off & pick-up ____ Valet route in and out ____	
g	Valet route to and from ____ auto-turn analysis for delivery and sanitation vehicles ____	
h	Indicate any backflow preventer and FPL vault if applicable	
i	Indicate location of the area included in the application if applicable	
j	Preliminary on-street loading plan	
42	Floor Plan (dimensioned)	
a	Total floor area	
b	Identify # seats indoors ____ outdoors ____ seating in public right of way ____ Total ____	
c	Occupancy load indoors and outdoors per venue ____ Total when applicable ____	
43	In the Letter of Intent include and respond to all sea level rise and resiliency review criteria per section 133-50 of the City Code.	
44	In the Letter of Intent for Variances include and respond to all review guidelines in the code as follows:	
a	Section 118-53 (a) of the City Code for each Variance.	
45	In the Letter of Intent for Planning Board include and respond to all review guidelines in the code as follows:	
a	For Conditional Use -Section 118-192 (a)(1)-(7)	
b	CU -Entertainment Establishments - Section 142-1362 (a)(1)-(9)	
c	CU - Mechanical Parking - Section 130-38 (3)(c)(i)(1)-(2) & (4)(a)-(k)	
d	CU -Structures over 50,000 SQ.FT. - Section 118-192 (b) (1)-(11)	
e	CU - Religious Institutions - Section 118-192 (c) (1)-(11)	
f	For Lot Splits - Section 118-321 (B) (1)-(6). Also see application instructions	
	Notes: The applicant is responsible for checking above referenced sections of the Code. If not applicable write N/A	

Indicate N/A If Not Applicable

Initials: 

Planning Department, 1700 Convention Center Drive 2nd Floor
 Miami Beach, Florida 33139, www.miamibeachfl.gov
 305.673.7550

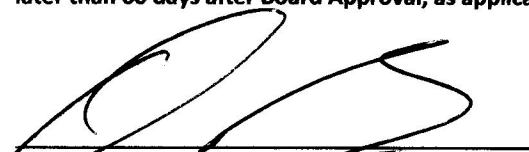
Property Address:

ITEM #	CAP FINAL SUBMITTAL:	
	Revised and/or supplemented documents and drawings to address staff comments. Plans should be clearly labeled "Final Submittal" and dated with Final Submittal deadline date.	To
	be uploaded online (CAP) by the applicant before 5:00 pm on final submittal deadline. Staff will review and issue a notice to proceed to Paper final submittal or to continue if the application is still incomplete.	
46	Traffic Study, Site plan(s): This is the final traffic study including any modifications required to address comments from the City's Transportation Department. City's required permit by FDOT should be obtained prior CAP Final submittal.	

ITEM #	PAPER FINAL SUBMITTAL:	Required
47	Original application with all signed and notarized applicable affidavits and disclosures.	X
48	Original of all applicable items.	X
49	One (1) signed and sealed 11"x17" bound, collated set of all the required documents.	X
50	14 collated copies of all the above documents	X
51	One (1) CD/DVD with electronic copy of entire final application package (plans, application, Letter of Intent, traffic/sound study, etc.) see details for CD/DVD formatting.	X
52	Traffic Study (Hard copy)	
53	Mailing Labels - 2 printed sets and a CD including: Property owner's list and Original certified letter from provider.	X

NOTES:

- A. Other information/documentation required for first submittal will be identified during pre-application meeting.
- B. Is the responsibility of the applicant to make sure that the CAP submittal, Paper Submittal (sets, 14 copies) and electronic version on CD are consistent.
- C. Plan revisions and supplemental documentation will not be accepted after the Final Submittal deadline
- D. All documents required for Board applications must be submitted in an electronic format (PDF) via CD in the manner prescribed herein. The CD is considered the "Formal Submission", and must include the electronic version of all hard copy documents associated with the application. A new Updated CD will be required if any modifications are made before or after hearing. Failure to comply with the aforementioned may result in a rehearing before the applicable board.
- E. Please note that the applicant will be required to submit revised plans pursuant to applicable Board Conditions no later than 60 days after Board Approval, as applicable.


 Applicant's or designee's signature

8-18-17
 Date

Indicate N/A If Not Applicable

Initials: 

ITEM # 3—BOARD APPLICATION

MIAMI BEACH

PLANNING DEPARTMENT, 1700 CONVENTION CENTER DRIVE, 2ND FLOOR
MIAMI BEACH, FLORIDA 33139, WWW.MIAMIBEACHFL.GOV
305-673-7550

LAND USE BOARD HEARING APPLICATION

THE FOLLOWING APPLICATION IS SUBMITTED FOR REVIEW AND CONSIDERATION OF THE PROJECT DESCRIBED HEREIN BY THE LAND USE BOARD SELECTED BELOW. A SEPARATE APPLICATION MUST BE COMPLETED FOR EACH BOARD REVIEWING THE PROPOSED PROJECT.

- ☐ BOARD OF ADJUSTMENT
- ☐ VARIANCE FROM A PROVISION OF THE LAND DEVELOPMENT REGULATIONS
 - ☐ APPEAL OF AN ADMINISTRATIVE DECISION
- ☐ DESIGN REVIEW BOARD
- ☐ DESIGN REVIEW APPROVAL
 - ☐ VARIANCE RELATED TO PROJECT BEING CONSIDERED OR APPROVED BY DRB.
- ☒ HISTORIC PRESERVATION BOARD
- ☒ CERTIFICATE OF APPROPRIATENESS FOR DESIGN
 - ☐ CERTIFICATE OF APPROPRIATENESS TO DEMOLISH A STRUCTURE
 - ☐ HISTORIC DISTRICT / SITE DESIGNATION
 - ☐ VARIANCE RELATED TO PROJECT BEING CONSIDERED OR APPROVED BY HPB.
- ☐ PLANNING BOARD
- ☐ CONDITIONAL USE PERMIT
 - ☐ LOT SPLIT APPROVAL
 - ☐ AMENDMENT TO THE LAND DEVELOPMENT REGULATIONS OR ZONING MAP
 - ☐ AMENDMENT TO THE COMPREHENSIVE PLAN OR FUTURE LAND USE MAP
- ☐ FLOOD PLAIN MANAGEMENT BOARD
- ☐ FLOOD PLAIN WAIVER
- ☐ OTHER _____

SUBJECT PROPERTY ADDRESS: Proposed wireless small cell infrastructure on the public right of way.

Coordinates: Latitude 25.801289 Longitude -80.128901

Approximate Pole address: 2439 Flamingo Place, Miami Beach, FL 33140

X: 985056.408 Y: -5660976.862

LEGAL DESCRIPTION: PLEASE ATTACH LEGAL DESCRIPTION AS "EXHIBIT A" - See Survey

FOLIO NUMBER (S) Pole is on the public right of way.

1. APPLICANT: ☐ OWNER OF THE SUBJECT PROPERTY ☐ TENANT ☐ ARCHITECT ☐ LANDSCAPE ARCHITECT
☐ ENGINEER ☐ CONTRACTOR ☒ OTHER (infactructure owner)

NAME MOBILITIE, LLC

ADDRESS 3475 Piedmont Rd NE, Suite 1000, Atlanta, GA, 30305

BUSINESS PHONE (786) 910-4309

CELL PHONE (786) 910-4309

E-MAIL ADDRESS Oraez@mobilitie.com

OWNER IF DIFFERENT THAN APPLICANT:

NAME Same as applicant

ADDRESS _____

BUSINESS PHONE _____

CELL PHONE _____

E-MAIL ADDRESS _____

2. AUTHORIZED REPRESENTATIVE(S): N/A

☐ ATTORNEY:

NAME _____

ADDRESS _____

BUSINESS PHONE _____

CELL PHONE _____

E-MAIL ADDRESS _____

☒ AGENT:

NAME Orlando Raez

ADDRESS 3450 Lakeside Drive, Suite 301, Miramar, FL 33027

BUSINESS PHONE (786) 910-4309

CELL PHONE (786) 910-4309

E-MAIL ADDRESS oraez@mobilite.com

☐ CONTACT:

NAME _____

ADDRESS _____

BUSINESS PHONE _____

CELL PHONE _____

E-MAIL ADDRESS _____

3. PARTY RESPONSIBLE FOR PROJECT DESIGN:

☐ ARCHITECT ☐ LANDSCAPE ARCHITECT ☒ ENGINEER ☐ CONTRACTOR

☐ OTHER: _____

NAME Stephen Bray

ADDRESS 1800 Route 34 Wall NJ 07719

BUSINESS PHONE (732) 280-5623

CELL PHONE _____

E-MAIL ADDRESS sbray@kmbcompanies.com

FILE NO. _____

4. SUMMARY OF APPLICATION – PROVIDE BRIEF SCOPE OF PROJECT:

MOBILITIE, LLC seeks to replace an existing street light with one wireless infrastructure integrated with a streetlight in the public rights of way in the City of Miami Beach in order to improve the capacity and coverage of cellular devices within the City.

- 4A. IS THERE AN EXISTING BUILDING(S) ON THE SITE ☐ YES ☒ NO
- 4B. DOES THE PROJECT INCLUDE INTERIOR OR EXTERIOR DEMOLITION ☐ YES ☒ NO
- 4C. PROVIDE THE TOTAL FLOOR AREA OF THE NEW BUILDING (IF APPLICABLE) n/a SQ. FT.
- 4D. PROVIDE THE TOTAL GROSS FLOOR AREA OF THE NEW BUILDING (INCLUDING REQUIRED PARKING AND ALL USEABLE FLOOR SPACE) _____ SQ. FT.

5. APPLICATION FEE (TO BE COMPLETED BY PLANNING STAFF) \$ _____

- A SEPARATE DISCLOSURE OF INTEREST FORM MUST BE SUBMITTED WITH THIS APPLICATION IF THE APPLICANT OR OWNER IS A CORPORATION, PARTNERSHIP, LIMITED PARTNERSHIP OR TRUSTEE.
- ALL APPLICABLE AFFIDAVITS MUST BE COMPLETED AND THE PROPERTY OWNER MUST COMPLETE AND SIGN THE "POWER OF ATTORNEY" PORTION OF THE AFFIDAVIT IF THEY WILL NOT BE PRESENT AT THE HEARING, OR IF OTHER PERSONS ARE SPEAKING ON THEIR BEHALF.
- TO REQUEST THIS MATERIAL IN ALTERNATE FORMAT, SIGN LANGUAGE INTERPRETER (FIVE-DAY NOTICE IS REQUIRED), INFORMATION ON ACCESS FOR PERSONS WITH DISABILITIES, AND ACCOMMODATION TO REVIEW ANY DOCUMENT OR PARTICIPATE IN ANY CITY-SPONSORED PROCEEDINGS, CALL 305.604.2489 AND SELECT (1) FOR ENGLISH OR (2) FOR SPANISH, THEN OPTION 6; TTY USERS MAY CALL VIA 711 (FLORIDA RELAY SERVICE).

PLEASE READ THE FOLLOWING AND ACKNOWLEDGE BELOW:

- APPLICATIONS FOR ANY BOARD HEARING(S) WILL NOT BE ACCEPTED WITHOUT PAYMENT OF THE REQUIRED FEE. ALL CHECKS ARE TO BE MADE PAYABLE TO THE "CITY OF MIAMI BEACH".
- PUBLIC RECORDS NOTICE – ALL DOCUMENTATION, SUBMITTED FOR THIS APPLICATION IS CONSIDERED A PUBLIC RECORD SUBJECT TO CHAPTER 119 OF THE FLORIDA STATUTES AND SHALL BE DISCLOSED UPON REQUEST.
- IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 2-482 OF THE CODE OF THE CITY OF MIAMI BEACH, ANY INDIVIDUAL OR GROUP THAT WILL BE COMPENSATED TO SPEAK OR REFRAIN FROM SPEAKING IN FAVOR OR AGAINST A PROJECT BEING PRESENTED BEFORE ANY OF THE CITY'S LAND USE BOARDS, SHALL FULLY DISCLOSE, PRIOR TO THE PUBLIC HEARING, THAT THEY HAVE BEEN, OR WILL BE COMPENSATED. SUCH PARTIES INCLUDE: ARCHITECTS, LANDSCAPE ARCHITECTS, ENGINEERS, CONTRACTORS, OR OTHER PERSONS RESPONSIBLE FOR PROJECT DESIGN, AS WELL AS AUTHORIZED REPRESENTATIVES ATTORNEYS OR AGENTS AND CONTACT PERSONS WHO ARE REPRESENTING OR APPEARING ON BEHALF OF A THIRD PARTY; SUCH INDIVIDUALS MUST REGISTER WITH THE CITY CLERK PRIOR TO THE HEARING.

FILE NO. _____

- IN ACCORDANCE WITH SEC.118-31. - DISCLOSURE REQUIREMENT. EACH PERSON OR ENTITY REQUESTING APPROVAL, RELIEF OR OTHER ACTION FROM THE PLANNING BOARD, DESIGN REVIEW BOARD, HISTORIC PRESERVATION BOARD (INCLUDING THE JOINT DESIGN REVIEW BOARD/HISTORIC PRESERVATION BOARD), OR THE BOARD OF ADJUSTMENT SHALL DISCLOSE, AT THE COMMENCEMENT (OR CONTINUANCE) OF THE PUBLIC HEARING(S), ANY CONSIDERATION PROVIDED OR COMMITTED, DIRECTLY OR ON ITS BEHALF, FOR AN AGREEMENT TO SUPPORT OR WITHHOLD OBJECTION TO THE REQUESTED APPROVAL, RELIEF OR ACTION, EXCLUDING FROM THIS REQUIREMENT CONSIDERATION FOR LEGAL OR DESIGN PROFESSIONAL SERVICES RENDERED OR TO BE RENDERED. THE DISCLOSURE SHALL: (i) BE IN WRITING, (ii) INDICATE TO WHOM THE CONSIDERATION HAS BEEN PROVIDED OR COMMITTED, (iii) GENERALLY DESCRIBE THE NATURE OF THE CONSIDERATION, AND (iv) BE READ INTO THE RECORD BY THE REQUESTING PERSON OR ENTITY PRIOR TO SUBMISSION TO THE SECRETARY/CLERK OF THE RESPECTIVE BOARD. UPON DETERMINATION BY THE APPLICABLE BOARD THAT THE FOREGOING DISCLOSURE REQUIREMENT WAS NOT TIMELY SATISFIED BY THE PERSON OR ENTITY REQUESTING APPROVAL, RELIEF OR OTHER ACTION AS PROVIDED ABOVE, THEN (i) THE APPLICATION OR ORDER, AS APPLICABLE, SHALL IMMEDIATELY BE DEEMED NULL AND VOID WITHOUT FURTHER FORCE OR EFFECT, AND (ii) NO APPLICATION FROM SAID PERSON OR ENTITY FOR THE SUBJECT PROPERTY SHALL BE REVIEWED OR CONSIDERED BY THE APPLICABLE BOARD(S) UNTIL EXPIRATION OF A PERIOD OF ONE YEAR AFTER THE NULLIFICATION OF THE APPLICATION OR ORDER. IT SHALL BE UNLAWFUL TO EMPLOY ANY DEVICE, SCHEME OR ARTIFICE TO CIRCUMVENT THE DISCLOSURE REQUIREMENTS OF THIS SECTION AND SUCH CIRCUMVENTION SHALL BE DEEMED A VIOLATION OF THE DISCLOSURE REQUIREMENTS OF THIS SECTION.
- WHEN THE APPLICABLE BOARD REACHES A DECISION A FINAL ORDER WILL BE ISSUED STATING THE BOARD'S DECISION AND ANY CONDITIONS IMPOSED THEREIN. THE FINAL ORDER WILL BE RECORDED WITH THE MIAMI-DADE CLERK OF COURTS. THE ORIGINAL BOARD ORDER SHALL REMAIN ON FILE WITH THE CITY OF MIAMI BEACH PLANNING DEPARTMENT. UNDER NO CIRCUMSTANCES WILL A BUILDING PERMIT BE ISSUED BY THE CITY OF MIAMI BEACH WITHOUT A COPY OF THE RECORDED FINAL ORDER BEING INCLUDED AND MADE A PART OF THE PLANS SUBMITTED FOR A BUILDING PERMIT.

THE AFOREMENTIONED IS ACKNOWLEDGED BY: ☐ OWNER OF THE SUBJECT PROPERTY

☒ AUTHORIZED REPRESENTATIVE

SIGNATURE: _____

PRINT NAME: _____

Orlando Raez

FILE NO. _____

NOT APPLICABLE

OWNER AFFIDAVIT FOR INDIVIDUAL OWNER

STATE OF _____

COUNTY OF _____

I, _____, being first duly sworn, depose and certify as follows: (1) I am the owner of the property that is the subject of this application. (2) This application and all information submitted in support of this application, including sketches, data, and other supplementary materials, are true and correct to the best of my knowledge and belief. (3) I acknowledge and agree that, before this application may be publicly noticed and heard by a land development board, the application must be complete and all information submitted in support thereof must be accurate. (4) I also hereby authorize the City of Miami Beach to enter my property for the sole purpose of posting a Notice of Public Hearing on my property, as required by law. (5) I am responsible for removing this notice after the date of the hearing.

SIGNATURE

Sworn to and subscribed before me this _____ day of _____, 20____. The foregoing instrument was acknowledged before me by _____, who has produced _____ as identification and/or is personally known to me and who did/did not take an oath.

NOTARY SEAL OR STAMP

NOTARY PUBLIC

My Commission Expires: _____

PRINT NAME

**ALTERNATE OWNER AFFIDAVIT FOR
CORPORATION, PARTNERSHIP, OR LIMITED LIABILITY COMPANY**

(Circle one)

STATE OF GeorgiaCOUNTY OF Fulton

I, Gadiel Rosario-Rivera, being duly sworn, depose and certify as follows: (1) I am the NRE Manager (print title) of MOBILITIE, LLC (print name of corporate entity). (2) I am authorized to file this application on behalf of such entity. (3) This application and all information submitted in support of this application, including sketches, data, and other supplementary materials, are true and correct to the best of my knowledge and belief. (4) The corporate entity named herein is the owner or tenant of the property that is the subject of this application. (5) I acknowledge and agree that, before this application may be publicly noticed and heard by a land development board, the application must be complete and all information submitted in support thereof must be accurate. (6) I also hereby authorize the City of Miami Beach to enter the subject property for the sole purpose of posting a Notice of Public Hearing on the property, as required by law. (7) I am responsible for removing this notice after the date of the hearing.

SIGNATURE

Sworn to and subscribed before me this 18th day of August, 2017. The foregoing instrument was acknowledged before me by Gadiel Rosario-Rivera, NRE Manager of MOBILITIE, LLC, on behalf of such entity, who has produced _____ as identification and/or is personally known to me and who did/did not take an oath.

NOTARY SEAL OR STAMP:

My Commission Expires: _____

_____
NOTARY PUBLIC_____
Gadiel Rosario-Rivera, NRE Manager_____
PRINT NAME

FILE NO. _____

POWER OF ATTORNEY AFFIDAVIT

STATE OF Georgia
 COUNTY OF Fulton

I, Gadiel Rosario-Rivera, being duly sworn and deposed, certify as follows: (1) I am the owner or representative of the owner of the real property that is the subject of this application. (2) I hereby authorize Orlando Raez to be my representative before the _____ Board. (3) I also hereby authorize the City of Miami Beach to enter the subject property for the sole purpose of posting a Notice of Public Hearing on the property, as required by law. (4) I am responsible for removing this notice after the date of the hearing.

Gadiel Rosario-Rivera, NRE Manager
 PRINT NAME (and Title, if applicable)

[Signature]
 SIGNATURE

Sworn to and subscribed before me this 18th day of August, 20 17. The foregoing instrument was acknowledged before me by Gadiel Rosario-Rivera, NRE Manager of MOBILITIE, LLC who has produced as identification and/or is personally known to me and who did/did not take an oath.

NOTARY SEAL OR STAMP

My Commission Expires



[Signature]
 NOTARY PUBLIC

Erin E. Scott

PRINT NAME

NOT APPLICABLE

CONTRACT FOR PURCHASE

If the applicant is not the owner of the property, but the applicant is a party to a contract to purchase the property, whether or not such contract is contingent on this application, the applicant shall list the names of the contract purchasers below, including any and all principal officers, stockholders, beneficiaries, or partners. If any of the contract purchasers are corporations, partnerships, limited liability companies, trusts, or other corporate entities, the applicant shall further disclose the identity of the individual(s) (natural persons) having the ultimate ownership interest in the entity. If any contingency clause or contract terms involve additional individuals, corporations, partnerships, limited liability companies, trusts, or other corporate entities, list all individuals and/or corporate entities.*

NAME

DATE OF CONTRACT

NAME, ADDRESS, AND OFFICE

% OF STOCK

In the event of any changes of ownership or changes in contracts for purchase, subsequent to the date that this application is filed, but prior to the date of a final public hearing, the applicant shall file a supplemental disclosure of interest.

FILE NO. _____

NOT APPLICABLE

CITY OF MIAMI BEACH
DEVELOPMENT REVIEW BOARD APPLICATION

DISCLOSURE OF INTEREST

1. CORPORATION, PARTNERSHIP, OR LIMITED LIABILITY COMPANY

If the property that is the subject of the application is owned or leased by a corporation, partnership, or limited liability company, list ALL of the owners, shareholders, partners, managers, and/or members, and the percentage of ownership held by each. If the owners consist of one or more corporations, partnerships, trusts, partnerships, or other corporate entities, the applicant shall further disclose the identity of the individual(s) (natural persons) having the ultimate ownership interest in the entity.*

NAME OF CORPORATE ENTITY

NAME AND ADDRESS

% OF OWNERSHIP

NAME OF CORPORATE ENTITY

NAME AND ADDRESS

% OF OWNERSHIP

IF THERE ARE ADDITIONAL CORPORATE OWNERS, LIST ALL SUCH OWNERS, INCLUDING CORPORATE NAMES AND THE NAME, ADDRESS, AND PERCENTAGE OF OWNERSHIP OF EACH ADDITIONAL OWNER, ON A SEPARATE PAGE.

NOTE: Notarized signature required on page 9

FILE NO. _____

NOT APPLICABLE

CITY OF MIAMI BEACH
DEVELOPMENT REVIEW BOARD APPLICATION
DISCLOSURE OF INTEREST

2. TRUSTEE

If the property that is the subject of this application is owned or leased by a trust, list any and all trustees and beneficiaries of the trust, and the percentage of interest held by each. If the owners consist of one or more corporations, partnerships, trusts, partnerships, or other corporate entities, the applicant shall further disclose the identity of the individual(s) (natural persons) having the ultimate ownership interest in the entity.*

TRUST NAME

NAME AND ADDRESS

% INTEREST

NOTE: Notarized signature required on page 9

FILE NO. _____

3. COMPENSATED LOBBYIST:

Pursuant to Section 2-482 of the Miami Beach City Code, all lobbyists shall, before engaging in any lobbying activities, register with the City Clerk. Please list below any and all persons or entities retained by the applicant to lobby City staff or any of the City's land development boards in support of this application.

	NAME	ADDRESS	PHONE #
a.	NONE		
b.			
c.			

Additional names can be placed on a separate page attached to this form.

*Disclosure shall not be required of any entity, the equity interests in which are regularly traded on an established securities market in the United States or other country, or of any entity, the ownership interests of which are held in a limited partnership or other entity, consisting of more than 5,000 separate interests, where no one person or entity holds more than a total of 5% of the ownership interests in the entity.

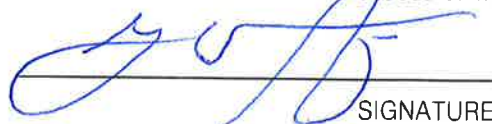
APPLICANT HEREBY ACKNOWLEDGES AND AGREES THAT (1) ANY APPROVAL GRANTED BY A LAND DEVELOPMENT BOARD OF THE CITY SHALL BE SUBJECT TO ANY AND ALL CONDITIONS IMPOSED BY SUCH BOARD AND BY ANY OTHER BOARD HAVING JURISDICTION, AND (2) APPLICANT'S PROJECT SHALL COMPLY WITH THE CODE OF THE CITY OF MIAMI BEACH AND ALL OTHER APPLICABLE CITY, STATE, AND FEDERAL LAWS.

APPLICANT AFFIDAVIT

STATE OF Georgia

COUNTY OF Fulton

I, Gadiel Rosario-Rivera, being first duly sworn, depose and certify as follows: (1) I am the applicant, or the representative of the applicant. (2) This application and all information submitted in support of this application, including disclosures, sketches, data, and other supplementary materials, are true and correct to the best of my knowledge and belief.



SIGNATURE

Sworn to and subscribed before me this 18th day of August, 20 17. The foregoing instrument was acknowledged before me by, who has produced as identification and/or is personally known to me and who did/did not take an oath.

NOTARY SEAL OR STAMP



My Commission Expires:


NOTARY PUBLIC

Erin E. Scott

PRINT NAME

FILE NO. _____

ITEM # 4—LETTER OF INTENT

October 6th, 2017

City of Miami Beach
1700 Convention Center Drive
Miami Beach, FL 33139

RE: Board Applications for Small-Cell Stealth Poles on the public right-of-way

Dear Board Members and City Staff:

This letter intends to serve as Mobilitie, LLC's "Letter of Intent" in regards to our proposed small-cells infrastructure on the public rights-of-way within the City of Miami Beach, FL. Mobilitie is a wireless infrastructure company that develops intelligent infrastructure solutions to densify and optimize wireless carriers services and geographic reach. Mobilitie LLC possesses a Certificate to provide Alternative Access Vendor services from the Florida Public Service Commission. Mobilitie LLC is also registered with the City of Miami Beach, pursuant to City Code Section 104-4, as a communications services provider.

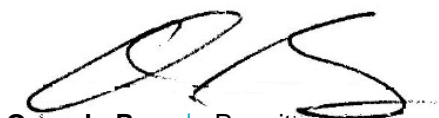
Mobilitie LLC works with all wireless carriers to enhance services throughout the country. Our design optimizes the performance of wireless networks by taking into consideration customer usage behaviors, terrain, obstructions, points-of-interest, and local guidance and ordinances. Mobilitie LLC's small-cell network within the City of Miami Beach will be utilized by Sprint, a wireless carrier, to fill in network deficiencies as a result of high demand for high-speed wireless service in the City.

During pre-application meetings with the City of Miami Beach Planning Department staff, it was expressed that the City of Miami Beach had spent two years developing an acceptable stealth design with a competitor. Although there are additional costs associated with the stealth design for our company, Mobilitie, LLC decided to work cooperatively with the City of Miami Beach and integrated the stealth design for our small-cell equipment installations. Our competitor has already installed many stealth telecommunication poles after getting permits from the City. Mobilitie LLC is effectively proposing to do the same. As required during our meetings with Planning Department staff, we have also reserved an area inside each pole should another wireless carrier which to utilize our poles for their equipment (reserved area is marked on plans).

REQUEST FOR APPROVAL

Mobilitie respectfully requests that the City review and approve the attached applications supplemented with the enclosed information. Mobilitie values the City's input on our proposal, and will work closely with the City to address any other concerns with our proposal, such as location, height, and pole color. Mobilitie looks forward to working with the City of Miami Beach and values its partnership in order to provide your constituents and visitors with high-speed connectivity. Thank you for your attention to this matter.

Respectfully submitted,



Orlando Raez | Permitting Manager
oraez@mobilitie.com
786 910 4309 mobile
www.mobilitie.com

October 6th, 2017

Photo-Simulation

Candidate # 9FLB003757E/MI90XSK32E

Subject: 2439 Flamingo Place, Miami Beach, FL 33140

Note: pole color will match existing street light pole color unless otherwise directed by the City of Miami Beach.

Pole height: 30 feet

*Photo-simulation is not to scale



ITEM # 5—MAILING LABELS

October 6th, 2017

City of Miami Beach
1700 Convention Center Drive
Miami Beach, FL 33139

RE: Property Owners list within 400 feet of:

Subject: 2439 Flamingo Place, Miami Beach, FL 33140

Legal Description: Public right of way

This is to certify that the attached ownership list, map and mailing labels are a complete and accurate representation of the real estate property and property owners within 400 feet radius of the external boundaries of the subject property listed above. This reflects the most current records on the file in Miami-Dade County Property Appraisers' Office.

Total number of property owners without repetition: 219, including 11 international.

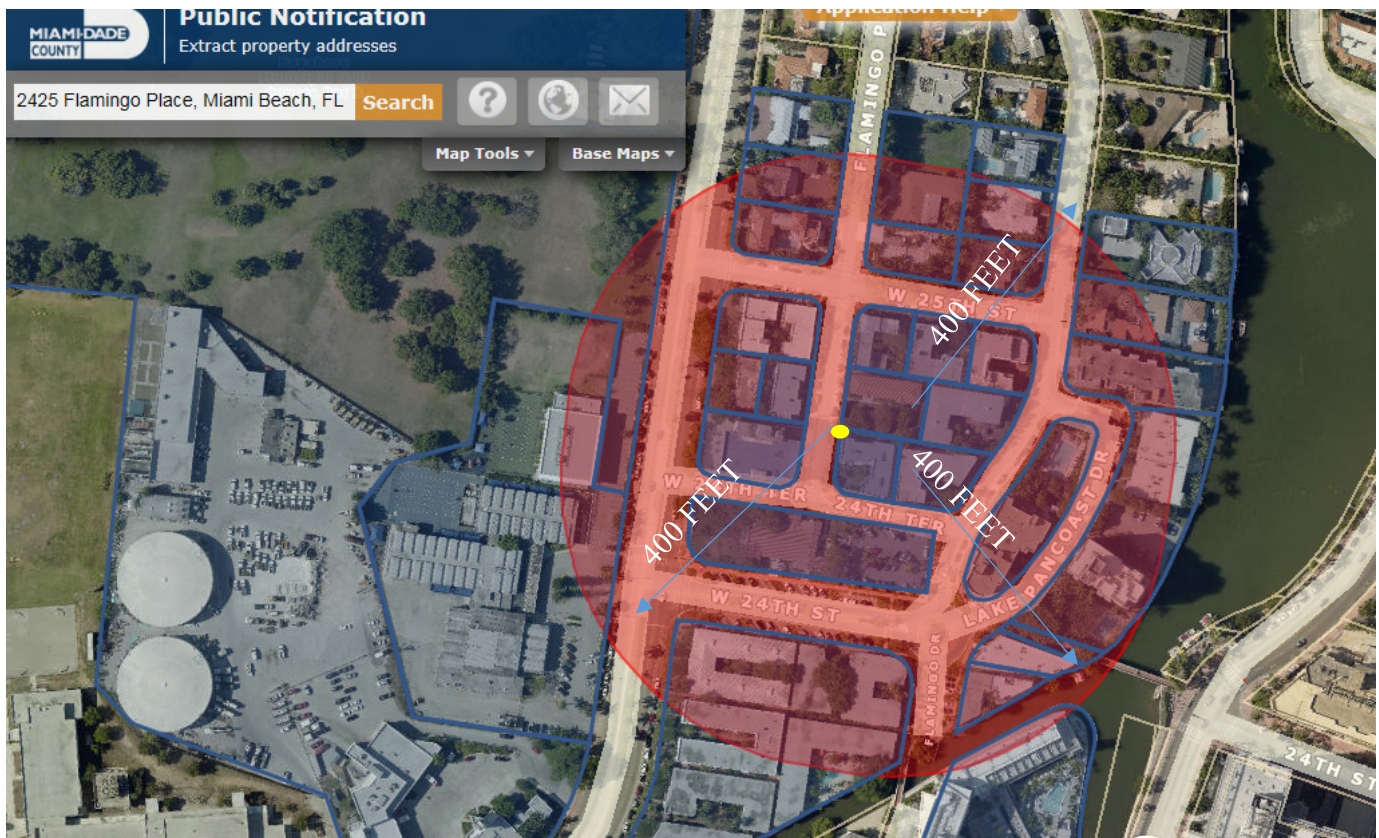
Respectfully submitted,



Orlando Raez | Permitting Manager
oraez@mobilitie.com
786 910 4309 mobile
www.mobilitie.com

October 4, 2017

400-Foot Radius Map



Subject: 2439 Flamingo Place, Miami Beach, FL 33140

Legal Description: Public right of way

Source: Miami Dade County Property Appraiser, <http://gisweb.miamidade.gov/PublicNotification/>

Property Owner	Address	City	State	Zip Code	Country
JOHN GONCALVES	173 MEADOWVALE DR	TORONTO ONTARIO		-	CANADA
MECHANIC REAL ESTATE INC	488 WOOD AVE	WESTMOUNT	QC	-	CANADA
ISAAC WILCHFORT	1207-100 CANYON AVE	NORTH YORK ONTARIO M3H 5T9		-	CANADA
SUSAN FENNELL &H	44 TERRA COTTA CRESENT	BRAMPTON ONTARIO ISW1C1		-	CANADA
RONALD DAVIDSON &W LEONA	8 BELFOUNTAIN CT	BRAMPTON ON		-	CANADA
RONALD DAVIDSON &W	8 BELFOUNTAIN CRT	BRAMPTON ONTARIO		-	CANADA
RONALD DAVIDSON	8 BELFOUNTAIN COURT	BRAMPTON		L6W 2N1	CANADA
FRANCESCO CONFORTI &	VIA DI CAMALDOLI 20	FIRENCE		-	ITALY
MARY YELLOW INVESTMENTS LLC	155 WOLSEY DR KINSTON UPON THAMES	SURREY KT2 5DR		-	UNITED KINGDOM
LLANDENNY LLC	14 HARBOUR POINT	STUART STREET CARDIFF CF10 5BW		-	UNITED KINGDOM
PRAIRE SUN LLC	14 HARBOUR POINT	STUART STREET CARDIFF CF10 5BW		-	UNITED KINGDOM
YEHUDA LESER &W JUDITH	EDIF MIRAVILA APT 5-B	CARACAS		-	VENEZUELA
CENTURIAN COLLINS PROP OWNER LLC	10 GRACIE SQUARE	NEW YORK	NY	10028	USA
MUSEUM WALK APARTMENTS LLC	2315 PINE TREE DR	MIAMI BEACH	FL	33140-4613	USA
WOMENS CLUB MIAMI BEACH LLC	1680 MERIDIAN AVE #102	MIAMI BEACH	FL	33139	USA
GREATER MIAMI HEBREW ACADEMY	2400 PINE TREE DR	MIAMI BEACH	FL	33140	USA
CITY OF MIAMI BEACH	1700 CONVENTION CENTER DR	MIAMI BEACH	FL	33139	USA
CHARLES HESSER	2445 PINE TREE DR	MIAMI BEACH	FL	33140-4611	USA
72 06 69TH STREET LLC	66 31 FRESH POND RD	RIDGEWAY	NY	11385	USA
MIGUEL MARI &W CARIDAD	2899 COLLINS AVE #512	MIAMI BEACH	FL	33140-4410	USA
THE LITTLE ONE APARTMENTS INC	1900 LIBERTY AVE	MIAMI BEACH	FL	33139-1939	USA
MFMCMULLIN LLC	1040 N QUINCY ST #100	ARLINGTON	VA	22201	USA
ITALPLAZA OF FLAMINGO LLC	66 31 FRESH POND RD	RIDGEWOOD	NY	11385	USA
FLAMINGO TERRACE ENTERPRISES INC	334 W 25 ST APT 9	MIAMI BEACH	FL	33140-4645	USA
BARRY GLAZER & GINA GARGEU	PO BOX 27166	BALTIMORE	MD	21230	USA
SERGE KRAIF	3367 SHERIDAN ST	HOLLYWOOD	FL	33021	USA
YEHUDA E DEUTSCH	2525 PINE TREE DR	MIAMI BEACH	FL	33140	USA
OLA AHLVARSSON	2501 PINETREE DR	MIAMI BEACH	FL	33140	USA
YAFFA DERMER TR	2525 FLAMINGO PL	MIAMI BEACH	FL	33140-4318	USA
ERIC HANKIN & RICHARD MILSTEIN	2505 FLAMINGO PL	MIAMI BEACH	FL	33140-4318	USA
ANNA CASTELLANO	2500 FLAMINGO DR	MIAMI BEACH	FL	33140-4315	USA

Property Owner	Address	City	State	Zip Code	Country
DEANNA DURBAN	2520 FLAMINGO DR	MIAMI BEACH	FL	33140-4315	USA
SEAN MCGINNIS TRS	1155 23 ST NW PH 1G	WASHINGTON	DC	25037	USA
NELSON GONZALEZ &W MARIELLA	2515 FLAMINGO DR	MIAMI BEACH	FL	33140-4314	USA
LANCE BURSTYN	2505 FLAMINGO DR	MIAMI	FL	33140	USA
ELIZARRAGA EST LLC	1235 MERIDIAN AVE #5	MIAMI BEACH	FL	33139	USA
LEONARD S SMITH LE	2445 FLAMINGO PL APT 2	MIAMI	FL	33140-4372	USA
NIKKI J ZAPOL	30 SHEPARD ST	CAMBRIDGE	MA	02138	USA
BARBARA SMITH LE	2445 FLAMINGO PL #3	MIAMI BEACH	FL	33140	USA
WARREN M ZAPOL	30 SHEPARD ST	CAMBRIDGE	MA	02138	USA
PATRICK PETERS	2455 FLAMINGO DR #201	MIAMI BEACH	FL	33140	USA
EUARISTO SANCHEZ LOPEZ &W MARIA J	2455 FLAMINGO DR APT 202	MIAMI BEACH	FL	33140-4635	USA
JORGE LORET DE MOLA &W CRUCELIA	2455 FLAMINGO DR #203	MIAMI BEACH	FL	33140-4635	USA
ISABEL GONZALEZ	2455 FLAMINGO DR #204	MIAMI BEACH	FL	33140-4635	USA
PAMELA L KOHL	1345 BIARRITZ DR	MIAMI	FL	33141	USA
ELOISA ORTIGOSA	2455 FLAMINGO DR #206	MIAMI	FL	33140	USA
ROBERTO BELTRAN &W YRMA	6317 DURHAM AVE	NORTH BERGEN	NJ	07047	USA
HARRIET TAMEN	420 E 72 ST APT 7H	NEW YORK	NY	10021	USA
MARK MUHLRAD	5040 LAKEVIEW DR	MIAMI BEACH	FL	33140	USA
JOHN L HUYCK	2455 FLAMINGO DR UNIT 304	MIAMI BEACH	FL	33140-4635	USA
JUAN B RODEIRO	107 WASHINGTON AVE	HAWTHORNE	NJ	07506	USA
SULA ELLEN TAMEN CHANDLER	2455 FLAMINGO DR 306	MIAMI BEACH	FL	33140-4635	USA
FRANK AVILA	2455 FLAMINGO DR 401	MIAMI BEACH	FL	33140	USA
JOSEPH L HAZLETT &W MARIA L	2455 FLAMINGO DR #402	MIAMI BEACH	FL	33140-4635	USA
MARIE E SANCHEZ TRS	4827 FITZHUGH ST	BURKE	VA	22015	USA
ORLANDO JACINTO GARCIA	2455 FLAMINGO DR #404	MIAMI BEACH	FL	33140	USA
YORAM C PADEH	2455 FLAMINGO DR 405	MIAMI BEACH	FL	33140	USA
WOLMAN REVOC LIV TRUST	2455 FLAMINGO DR # 406	MIAMI BEACH	FL	33140-4636	USA
JULES I ESKIN TRS &	199 LONGWOOD AVE	BROOKLINE	MA	02446	USA
NATALIE DERWENT	2455 FLAMINGO DR #502	MIAMI BEACH	FL	33140-4636	USA
CARMEN JURADO VAZQUEZ	2455 FLAMINGO DR 503	MIAMI BEACH	FL	33140	USA
ROSA LIEBERMAN LE	2455 FLAMINGO DR 504	MIAMI BEACH	FL	33140	USA
RICARDO GARCIA &W GLADYS	2455 FLAMINGO DR UNIT 506	MIAMI BEACH	FL	33140-4636	USA

Property Owner	Address	City	State	Zip Code	Country
OSCAR MORALES	2444 FLAMINGO PL UNIT 1A	MIAMI BEACH	FL	33140-4371	USA
DANIEL GRECH	9057 BYRON AVE	SURFSIDE	FL	33154-3237	USA
SILVIA PRIETO	1052 NE 82 TERR	MIAMI	FL	33138-4136	USA
HECTOR MORALES	2444 FLAMINGO PL UNIT 2B	MIAMI BEACH	FL	33140-4371	USA
MARISOL QUINTERO	2444 FLAMINGO PL 1C	MIAMI BEACH	FL	33140	USA
TULIA MORALES & OLGA QUINTERO &	1052 NE 82ND TER	MIAMI	FL	33138	USA
ALBATROSS CAPITAL LLC	1504 BAY RD 1216	MIAMI BEACH	FL	33139	USA
LAURA L MOSELEY	14 CORTES COURT	PALM COAST	FL	32137	USA
PAMELA SCHEEL	2421 LAKE PANCOAST DR 2A	MIAMI BEACH	FL	33140	USA
MICHAEL BECK &W STANIS	534 DEER PARK AVE	BABYLON PARK	NY	11702	USA
MASSIVE BLUE LLC	2699 S BAYSHORE DR	MIAMI	FL	33133	USA
GUILLERMO GAMMONA	2421 LAKE PANCOAST DR #5A	MIAMI BEACH	FL	33140-4686	USA
RTG LLC	2421 LAKE PANCOAST DR 6A	MIAMI BEACH	FL	33140	USA
PROMENADE HILL REALTY LLC	2421 LAKE PANCOAST DR #7A	MIAMI BEACH	FL	33140	USA
JOSEPH J CILONA	2421 LAKE PANCOAST DR 2B	MIAMI BEACH	FL	33140	USA
PETITE ABODE LLC	739 NE 74 ST	MIAMI	FL	33138	USA
AMY SUZANNE KRAVITZ	2421 LAKE PANCOAST DR #4B	MIAMI BEACH	FL	33140-4615	USA
RICHARD MARSHALL & JOHN CHEIM	547 WEST 25 ST	NEW YORK	NY	10001	USA
MICHELLE COMERFORD	921 VALLEY FORGE RD EAST	NEPTUNE BCH	FL	32266	USA
TONI RAY TRS	3436 CHESAPEAKE WALK	ANNAPOLIS	MD	21403	USA
ROSLYN B SEXTON	18830 87 DRIVE #6M	JAMAICA	NY	11423	USA
DANIEL B MARKSON	2421 LAKE PANCOAST DR #4-C	MIAMI BCH	FL	33139	USA
MARK MCDONALD	555 WARREN ST	HUDSON	NY	12534	USA
WILLIAM & HELEN MARSHALL &	2421 LAKE PANCOASR DR #7C	MIAMI BEACH	FL	33140-4689	USA

Property Owner	Address	City	State	Zip Code	Country
MARIA DEL C FORNES JTRS	19999 E COUNTRY CLUB DR 1-102	AVENTURA	FL	33180	USA
LUC PHILIPPE	2421 LAKE PANCOAST DR #2D	MIAMI	FL	33140-4616	USA
HOMESTEAD EQUITIES 607 LLC	250 W 24 ST 2 FW	NEW YORK	NY	10011	USA
BARBARA GEHRING	2421 LAKE PANCOAST DR #PH	MIAMI BEACH	FL	33140-4689	USA
RENIEL DIAZ	2421 LAKE PANCOAST DR 5D	MIAMI BEACH	FL	33140	USA
MITCHELL V BOGEN &W LYNN A LAUR	15 GREENVILLE STREET	SOMERVILLE	MA	02143	USA
DANIEL FEINBERG	2421 LAKE PANCOAST DR #7D	MIAMI BEACH	FL	33140	USA
STEPHANIE MARLON BELL TRS	2421 LAKE PANCOAST DR 1E	MIAMI BEACH	FL	33140	USA
MICHAEL STRAHM	51 HAMPTON CIRCLE	HULL	MA	02045-2805	USA
SUSAN ROSLER	2421 LAKE PANCOAST DR #3E	MIAMI BEACH	FL	33140-4804	USA
LAKE PANCOAST 4E LLC	2320 PONCE DE LEON BLVD	CORAL GABLES	FL	33134	USA
TONY RAY TRS	3436 CHESAPEAKE WALK	ANNAPOLIS	MD	21403	USA
MARTA A KLEIN LE TRS	5600 COLLINS AVE UNIT 6G	MIAMI BEACH	FL	33140	USA
ANTHONY J MARZILLI	2421 LAKE PANCOAST DR 1 H	MIAMI BEACH	FL	33140	USA
SOLEDAD A ZARCO TRS	9101 NW 190 TERR	HIALEAH	FL	33018	USA
KATHERINE GONZALEZ TRS	821 SW 16 ST	BOCA RATON	FL	33486	USA
EDWARD C ELLINGSON &	1920 SOUTH FIRST ST UNIT 2203	MINNEAPOLIS	MN	55454	USA
ANTHONY & ANTHONY J MARZILLI	2421 LAKE PANCOAST DR #1H	MIAMI BEACH	FL	33140-4614	USA
CYNTHIA F ZARCO	2421 LAKE PANCOAST DR APT 3H	MIAMI BEACH	FL	33140	USA
ROBERT WHITE LAPSLEY	2421 LAKE PANCOAST DR #4H	MIAMI BEACH	FL	33140-4686	USA
ISABEL Z SHEA JTRS	2555 COLLINS AVE #2208	MIAMI BEACH	FL	33140	USA
LAURA PASCOLINI	935 16 STREET	MIAMI BEACH	FL	33139	USA

Property Owner	Address	City	State	Zip Code	Country
JKCK HELEN MAR LLC	2445 LAKE PANCOAST DR 2	MIAMI BEACH	FL	33140	USA
SUSAN ZETSCHA	525 EAST 14 ST UNIT 8B	NEW YORK	NY	10009	USA
ANN GATTI KELLY VALLIER TRS	2870 PINE TREE DR #5	MIAMI BEACH	FL	33140-4344	USA
ROBERT VENN &W REBECCA	5002 7 AVE	KENOCHA	WI	53140	USA
JANET CRUCET	860 NE 74 ST	MIAMI	FL	33138-5234	USA
ZAMARR T BROWN	4800 ADAMS ST	HOLLYWOOD	FL	33021	USA
CLOUDY POINT LLC	2445 LAKE PANCOAST 10	MIAMI BEACH	FL	33139	USA
DUALBAND LLC	1000 MERIDIAN AVE #16	MIAMI BEACH	FL	33139	USA
ANA C ARISSO	6715 SW 129 CT	MIAMI	FL	33183	USA
JUAN LORET DE MOLA	2445 LAKE PANCOAST DR #15	MIAMI BEACH	FL	33140-4695	USA
DELLAVERSANA INC	1680 MICHIGAN AVE 910	MIAMI BEACH	FL	33139	USA
ALICIA ROLON ALEXANDER	2636 EMMITSBURG RD #23	GETTYSBURG	PA	17325	USA
DEL CAMPO HOLDINGS BY	306 GOLD ST 40E	BROOKLYN	NY	11201	USA
LOUISE CALCAGNI TRS	806 SOUTH SILVER CIRCLE	KEY LARGO	FL	33037	USA
MARCELA KATZ ARMOZA	306 GOLD ST #40E	BROOKLYN	NY	11201	USA
TAMMY T LOPEZ	2445 LAKE PANCOAST DR #E	MIAMI BEACH	FL	33140-4634	USA
JUDITH CATHERINE PARRY	2445 LAKE PANCOAST DR APT F	MIAMI BEACH	FL	33140-4634	USA
HARVEY J JARQUIN	2445 LAKE PANCOAST DR #G	MIAMI BEACH	FL	33140-4692	USA
LILLIAN VALDESPINO	8560 SW 27 ST	MIAMI	FL	33155	USA
JEAN MARTIN	2445 LAKE PANCOAST DR J	MIAMI BEACH	FL	33140	USA
B JAS INC	10691 N KENDALL DRIVE # 203	MIAMI	FL	33176	USA
ROBERT E JOHNSON TRS	PO BOX 2497	CHARLOTTESVILLE	VA	22902	USA
PEATON CORP	1001 BRICKELL BAY DR #1200	MIAMI	FL	33131	USA
LIGIA SERODIO PORTES	2445 LAKE PANCOAST DR #N	N MIAMI BEACH	FL	33140-4693	USA
JAKE TORRES	2445 LAKE PANCOAST DR #0	MIAMI	FL	33140	USA
BARNARD LONG & STEPHEN C LICATA	1335 LENNOX AVE	MIAMI BEACH	FL	33139-3819	USA

Property Owner	Address	City	State	Zip Code	Country
JENNIFER MACDONALD	2445 LAKE PANCOAST DR # Q	MIAMI BEACH	FL	33140	USA
JOHN MCKINSTRY	2463 PINETREE DR # 1	MIAMI BEACH	FL	33140-4608	USA
TAVIS SHEA CLINE	408 W 25 ST 6	MIAMI BEACH	FL	33140	USA
STEPHANIE SPRINGER	90 EAST HIGH ST	BALLSTON SPA	NY	12020	USA
EILEEN J WACKS	2463 PINETREE DR UNIT 4	MIAMI	FL	33140-4608	USA
CHRISTIAN SABARDINE	10128 TURNBERRY	OAKTON	VA	22124	USA
ROSA FERRARI	2463 PINETREE DR #6	MIAMI BEACH	FL	33140-4608	USA
EMILIA HUDSON	2463 PINETREE DR UNIT 8	MIAMI BEACH	FL	33140-4608	USA
PHH MORTGAGE CORPORATION	1 MORTGAGE WAY	MOUNT LAUREL	NJ	08054	USA
WATERSTONE CAPITAL HOLDING LLC	1124 KANE CONCOURSE	BAY HARBOR ISLANDS	FL	33154	USA
CECILIA ANDREA CARRUTHERS	2450 FLAMINGO PL A	MIAMI BEACH	FL	33140	USA
COMSTANCE R COOPERSMITH	2450 FLAMINGO PL UNIT B&C	MIAMI BEACH	FL	33140-4375	USA
MARIE GAROFALO POWER	3631 GREYSTONE AVE	BRONX	NY	10463	USA
GRACE BARNES	406 W 25 ST #7	MIAMI BEACH	FL	33140-4375	USA
ADAM SCHWARZ	2450 FLAMINGO PL # F	MIAMI BEACH	FL	33140-4375	USA
NERINGA UMBRASAIT	2450 FLAMINGO PL #G	MIAMI BEACH	FL	33140	USA
JORGE AGUERREVERE	2450 FLAMINGO PL #H	MIAMI	FL	33140-4375	USA
MANTELL CONDO ASSN INC	8140 NW 155 ST #101	MIAMI LAKES	FL	33016	USA
MARK F SCHORK TRS	1400 EAST AVE #105	ROCHESTER	NY	14610	USA
ROSE MARY M SWISSTACK	10315 NW 24 PL #306	SUNRISE	FL	33322	USA
K-9 CONNECTIONS LTD TRS	1521 ALTON RD # 57	MIAMI BEACH	FL	33139	USA
CARL BISHOP	332 E 15 ST 2B	NEW YORK	NY	10003	USA
TFT PROPERTIES LLC	1111 LOCUST ST #9F	PHILADELPHIA	PA	19107	USA
TFT PROP LLC	706 REED ST	PHILADELPHIA	PA	19147	USA
WERNER E DREHER JR	15032 SW 90 ST	MIAMI	FL	33196	USA
JAMES WILLIAMS	438 CHESTNUT STREET	SAN FRANCISCO	CA	94133	USA
DANIEL A NEELY	255 W 24 ST # 203	MIAMI BEACH	FL	33140-4626	USA
302 MANTELL LLC	255 W 24 ST 302	MIAMI BEACH	FL	33140	USA
JAMES C WILLIAMS	438 CHESTNUT STREET	SAN FRANCISCO	CA	94133	USA
JOHN P STAFFORD	255 W 24 ST #502	MIAMI	FL	33139	USA
MANTEL & COLLINS	457 FDR DR #A1807	NEW YORK	NY	10002	USA
T WOODRUFF & I EPSTEIN	3575 CHERRY CREEK N DR	DENVER	CO	80209	USA
DANIEL BOE	201 EAST 17 ST #27A	NEW YORK	NY	10003	USA
MAURO CONTI JTRS	255 W 24 ST # 204	MIAMI BEACH	FL	33140	USA

Property Owner	Address	City	State	Zip Code	Country
MIAMI BEACH VACATION	242 NE 27 ST	MIAMI	FL	33137	USA
DANIEL B MCCOY	255 W 24 ST #205	MIAMI	FL	33140-4626	USA
TLE INVESTMENTS LLC	44 W FLAGLER ST #2300	MIAMI	FL	33130	USA
GAIL SPINELLI &	395 OGDEN AVE	JERSRY CITY	NJ	07307	USA
JAMES SUTTON &W	4307 SCAWTHORN DR	TALLAHASSEE	FL	32303	USA
DIANE O					
SOPHIE BOEHLEN	2569 PRINCETON RD	CLEVELAND	OH	44118	USA
RAY BRESLIN & PATRICK PECORARO	255 W 24 ST UNIT# 406	MIAMI BEACH	FL	33140-4690	USA
ARTHUR L HERRMANN JR	255 W 24 ST 342	MIAMI BEACH	FL	33140	USA
PATRICK J PECORARO (JR)	255 W 24 ST #407	MIAMI BEACH	FL	33140-4690	USA
SUHANA MEHARCHAND	255 W 24 ST #208	MIAMI	FL	33140	USA
ROSA PACHECO &	255 W 24 ST #406	MIAMI BEACH	FL	33140-4690	USA
RAY E BRESLIN	255 W 24 ST #406	MIAMI BEACH	FL	33140-4690	USA
FRANCES C ORFF TRS	48 PELL TER	GARDEN CITY	NY	11530	USA
THREE GENERATIONS SOUTH CORP	255 W 24TH ST APT 220	MIAMI BEACH	FL	33140	USA
VANESSA HAVEL	255 W 24 ST #420	MIAMI BEACH	FL	33140-4690	USA
FRGA PROPERTIES ONE LLC	2301 WILTON DR 310	WILTON MANORS	FL	33305	USA
CHRISTOPHER P BRESLIN &W	11 MOHAWK AVE	ALPLAUS	NY	12008	USA
ANTHONY MATTHEWS	820 EUCLID AVE 201	MIAMI BEACH	FL	33139	USA
RAY BRESLIN &	255 W 24 ST UNIT# 406	MIAMI BEACH	FL	33140-4690	USA
PARADISE PROPERTIES AMERICA LLC	616 SONORA CT	IRVING	TX	75062	USA
STEVEN SUTTON	255 W 24 ST #331	MIAMI BEACH	FL	33139	USA
MIAMI BEACH 431 LLC	1690 S BAYSHORE LN #2A	MIAMI	FL	33133	USA
RAY E BRESLIN &	255 WEST 24 ST SUITE 406	MIAMI BEACH	FL	33140-4690	USA
STEVEN SUTTON &W	255 W 24 ST #332	MIAMI BEACH	FL	33139	USA
ORLANDO COLLADO	255 W 24 ST # 333	MIAMI BEACH	FL	33140-4678	USA
MACHEFERTAMIAMI LLC	13899 BISCAYNE BLVD STE 310	NORTH MIAMI	FL	33181	USA
IMAN HUSCHMAND	4601 HUNT AVE	CHEVY CHASE	MD	20815	USA
XAVIER LESMARIE &W	780 NE 69 ST APT 609	MIAMI	FL	33138-5744	USA
VALARIE					
ALBA M MORENO DE PARRA	255 W 24 ST #235	MIAMI BEACH	FL	33140-4639	USA
DENNIS LENNOX	255 W 24 ST # 335	MIAMI BEACH	FL	33140	USA
DANIEL F BOE	201 EAST 17 ST #27A	NEW YORK	NY	10003	USA
M NELLO MCDANIEL &W MARY	150 MYRTLE AVE #2401	BROOKLYN	NY	11201	USA
ANASTASIA PHILLIPS	255 W 24 ST #236	MIAMI BEACH	FL	33140-4639	USA
DEBRA QUADE JTRS	PO BOX 398536	MIAMI BEACH	FL	33239	USA
PETER S GUGGENHEIM	4 BARRISTER ST	CLIFTON	NJ	07013	USA

Property Owner	Address	City	State	Zip Code	Country
NELLO MCDANIEL &W MARY GIUDICI	150 MYRTLE AVE #2401	BROOKLYN	NY	11201	USA
JAMES L HODGIN	228 LISBONST	SAN FRANCISCO	CA	94112	USA
CARLOS A VALDESUSO	255 W 24 ST #341	MIAMI BEACH	FL	33140-4685	USA
GRETCHEN W MERKLE	228 LISBON ST	SAN FRANCISCO	CA	94112	USA
PATRICK J PECORARO JR &	2395 LAKE PANCOAST DR #4	MIAMI BEACH	FL	33140-4664	USA
SUSAN S BRESLIN	2395 LAKE PANCOAST DR #1	MIAMI BEACH	FL	33140-4664	USA
GUISEPPE SARDONE &W MATA	2401 COLLINS AVE #404	MIAMI BEACH	FL	33140-4742	USA
WERNER E DREHER	15032 SW 90 ST	MIAMI	FL	33196	USA
DAVID SHEARER &	2395 LAKE PANCOAST DR #6	MIAMI BEACH	FL	33140-4664	USA
CHRISTIAN UNRUH	2395 LAKE PANCOAST DR #9	MIAMI BEACH	FL	33140-4696	USA
VESNA VERA	65 SW 18 TER	MIAMI	FL	33129	USA
PIETER BOTH &W	2395 LAKE PANCOAST DR #11	MIAMI BEACH	FL	33140-4696	USA
JOSEPH ROBERT DE MARCO	2395 LAKE PANCOAST DR 12A	MIAMI	FL	33140	USA
PAUL VENETTE	2395 LAKE PANCOAST DR #14	MIAMI BEACH	FL	33140-4696	USA
YEHUDA LESER &W JUDITH	EDIF MIRAVILA APT 5- B	CARACAS		-	VENEZUELA

Item # 9—Architectural Plans and Exhibits

9a: Cover Sheet with bullet point scope of work, clearly labeled "First Submittal" and dated with First Submittal deadline date.

9d: Location Plan, Min 4"x6" Color Aerial 1/2 mile radius, showing name of streets and project site identified.

9h: Site Plan (fully dimensioned with setbacks, existing and proposed, including adjacent right-of-way widths).

9i: Current color photographs, dated, Min 4"x 6" of project site and existing structures (no Google images)

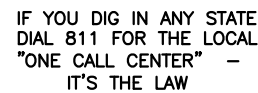
9n: Specifications of pole and equipment

9o: Proposed elevations , materials, and finishes noted

9FLB003757E/MI90XSK32E

LATITUDE/LONGITUDE:
25.801289/-80.128901

CROSS STREET:
FLAMINGO PL & W 24TH TERRACE
CITY, STATE, ZIP:
MIAMI BEACH, FL 33140



THE UTILITIES SHOWN HEREIN ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER/SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL THE UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO THE (E) UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

NOTE:
GENERAL CONTRACTOR IS REQUIRED TO CROSS CHECK COORDINATES. EXHIBIT PHOTO, AERIAL
PHOTO AND SITE PLAN TO ENSURE PROPER POLE LOCATION PRIOR TO BREAKING GROUND.
CONCERNS OR QUESTIONS SHOULD BE IMMEDIATELY DIRECTED TO ASSIGNED MOBILITE CM.

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OF EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS (N).

SITE INFORMATION

SITE ID:	9FLB003757E
CASCADE ID:	MI90XSK32E
LATITUDE:	25.801289
LONGITUDE:	-80.128901
CROSS STREET:	FLAMINGO PL & W 24TH TERRACE
CITY, STATE, ZIP:	MIAMI BEACH, FL 33140
COUNTY:	MIAMI-DADE COUNTY
JURISDICTION:	MIAMI BEACH CITY
PROPERTY OWNER:	PUBLIC RIGHT-OF-WAY
APPLICANT:	MOBILITIE, LLC 3475 PIEDMONT ROAD NE, SUITE 1000 ATLANTA, GEORGIA 30305 PHONE: (312) 638-5400

ENGINEER

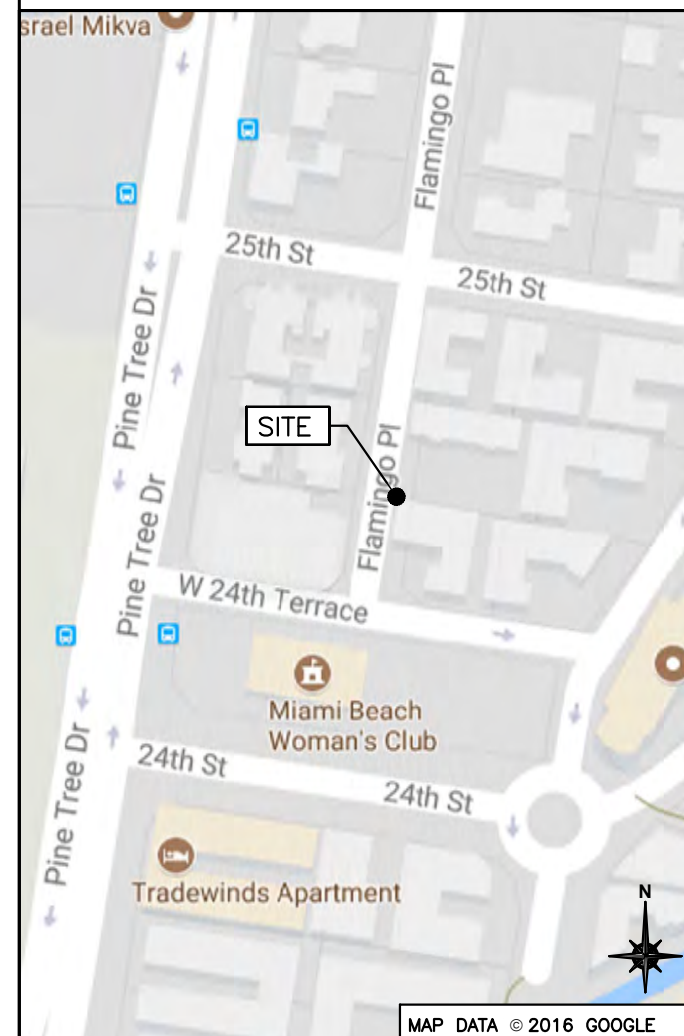
KMB DESIGN GROUP, LLC
1800 ROUTE 34, SUITE 209
WALL, NJ 07719
FOR QUESTIONS EMAIL: DESIGNTEAM@KMBDG.COM
TEL: (732) 280-5623 FAX: (732) 280-3980 www.KMBDG.com

DO NOT SCALE DRAWINGS

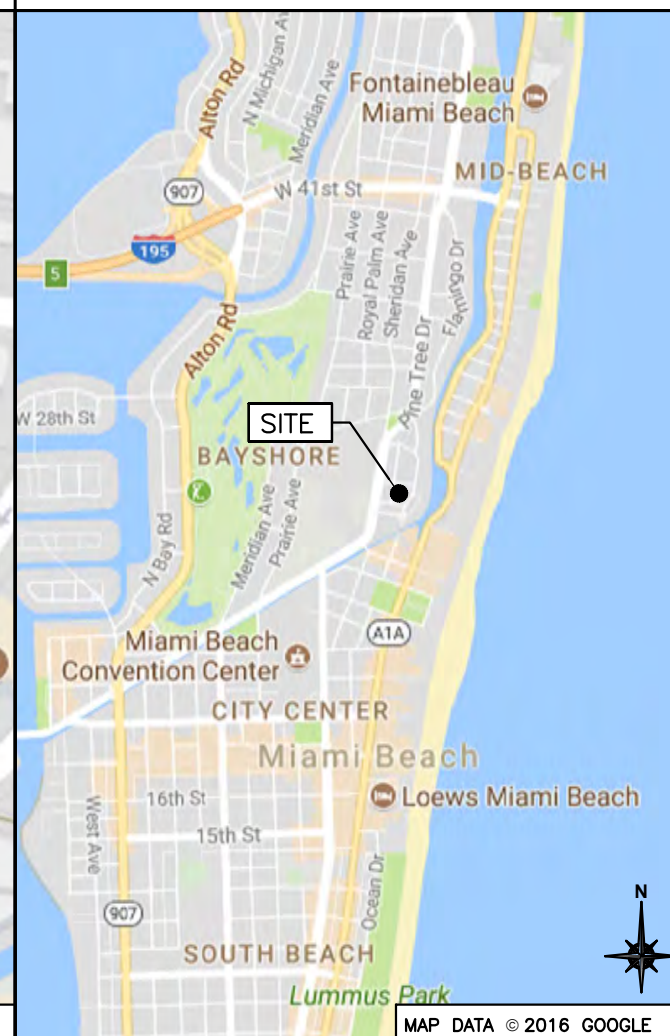
CONTRACTORS SHALL VERIFY ALL PLANS, (E) DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

LOCATION MAPS

VICINITY MAP



REGIONAL MAP



PROJECT DESCRIPTION

END USER PROPOSES TO INSTALL EQUIPMENT ON A NEW STEEL POLE WITHIN AN EXISTING RIGHT-OF-WAY. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- INSTALL A NEW STEEL UTILITY POLE WITH PROPOSED BACKHAUL TRANSPORT EQUIPMENT

CODES

2014 FLORIDA BUILDING CODE, 5TH EDITION
NATIONAL ELECTRICAL SAFETY CODE
TIA/EIA-222-G-2 OR LATEST EDITION
LOCAL BUILDING/PLANNING CODE

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
SP-1	EXHIBIT PHOTO & SITE PLAN
SP-2	UTILITY SITE PLAN
EV-1	ELEVATIONS
PL-1	PLUMBING & RISER DIAGRAM
EQ-1	EQUIPMENT DETAILS
EQ-2	EQUIPMENT DETAILS
EX-1	EXCAVATION DETAILS
E-1	ELECTRICAL DETAILS
G-1	GROUNDING DETAILS
S-1	FOUNDATION DETAILS
TC-1	VEHICULAR TRAFFIC CONTROL PLAN
TC-2	PEDESTRIAN TRAFFIC CONTROL PLAN
GN-1	GENERAL NOTES
GN-2	GENERAL NOTES
GN-3	GENERAL NOTES
ATTACHED	SITE SURVEY



Final Submittal
12/8/17

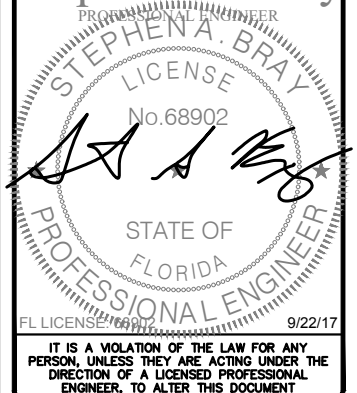
First Submittal
10/6/17

PROJECT NO:	9FLB003757E
DRAWN BY:	RC
CHECKED BY:	SJB

C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

NOTE:
EXHIBIT PHOTO IS FOR
REFERENCE USE ONLY
AND SHOULD NOT BE
USED FOR
CONSTRUCTION
PURPOSES.

PROPOSED
STEEL STEALTH
UTILITY POLE

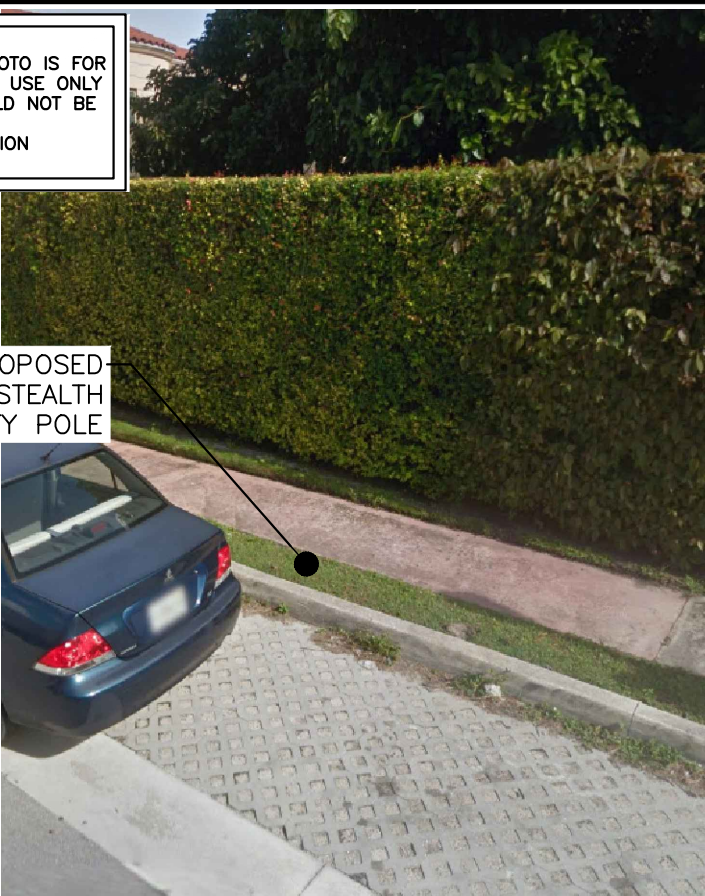
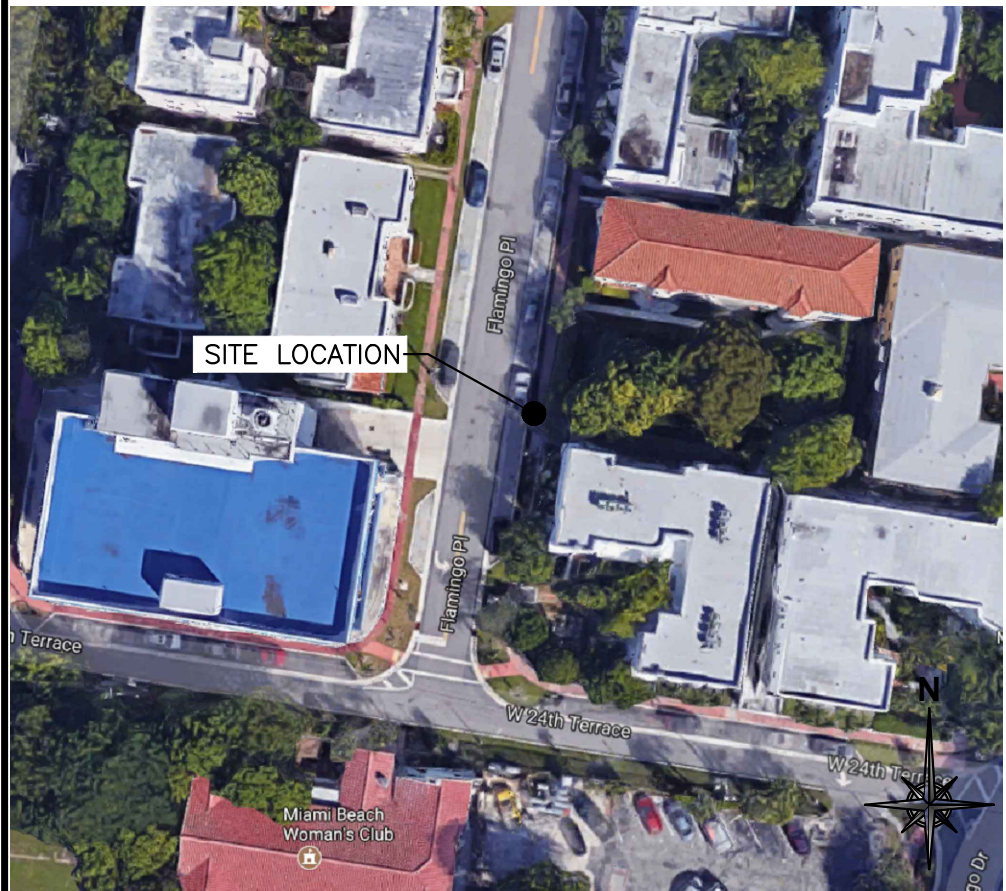


EXHIBIT PHOTO

SCALE: NOT TO SCALE

1

SITE LOCATION



AERIAL SITE LOCATION

SCALE: NOT TO SCALE

2

R.O.W. LINE ESTABLISHED
FROM ATTACHED SITE SURVEY

EXISTING POINT OF CONTACT
TO BE UTILIZED FOR POWER
(TO BE VERIFIED)

EXISTING FPL UTILITY POLE
WITH TRANSFORMER

PROPOSED (1) ELECTRIC UNDERGROUND
LINE WITHIN DIRECTIONAL BORE AROUND
40' IN LENGTH TO BE INSTALLED
(BY FPL)

EXISTING OVERHEAD LINE (TYP)

EXISTING FND PK (TYP)

EXISTING STORM DRAIN (TYP)

EXISTING FIRE HYDRANT (TYP)

EXISTING TRAFFIC SIGN (TYP)

EXISTING SANITARY SEWER
LINE (TYP)

EXISTING SANITARY SEWER
MANHOLE (TYP)

EXISTING UNDER GROUND
ELECTRIC LINE (TYP)

EXISTING WATER LINE (TYP)

EXISTING ELECTRIC CABINET (TYP)

EXISTING ELECTRIC METER (TYP)

GRASS AREA

GRASS AREA

PROPOSED RESTORATION AREA (TYP)

FLAMINGO PL
TWO-WAY TRAFFIC FLOW
(25 MPH)

FLAMINGO PL
TWO-WAY TRAFFIC FLOW
(25 MPH)

50'-0"

36'-4"±

E.O.P.

5'-4"

1'-1"

1'-6"


108'-8"±

FOC

PROPOSED STEEL STEALTH UTILITY POLE
UTILIZE FOR MOUNTING PROPOSED
ANTENNA, RRU AND EQUIPMENT. PENDING
STRUCTURAL ANALYSIS

NOTE:
1. ALL DAMAGED AREAS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION.
2. ALL ITEMS AND DIMENSIONS SHOULD BE VERIFIED IN THE FIELD.
3. GENERAL CONTRACTORS ARE REQUIRED TO CROSS CHECK COORDINATES,
AERIAL PHOTO AND SITE PLAN TO ENSURE PROPER POLE LOCATION PRIOR TO
BREAKING GROUND. CONCERNS OR QUESTIONS SHOULD BE IMMEDIATELY
DIRECTED TO THE ASSIGNED MOBILITIE CM.

N



ENLARGED SITE PLAN

SCALE: 1" = 20'-0" (1" = 10'-0" ON 24"x36" SHEET)

3

mobilitie

PROJECT NO: 9FLB003757E

DRAWN BY: RC

CHECKED BY: SJB

D	12-07-17	REVISION
C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray

PROFESSIONAL ENGINEER

STEPHEN A. BRAY

LICENSE No. 68902

STATE OF FLORIDA

PROFESSIONAL ENGINEER

FL LICENSE 12/7/17

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E

MIAMI BEACH, FL 33140

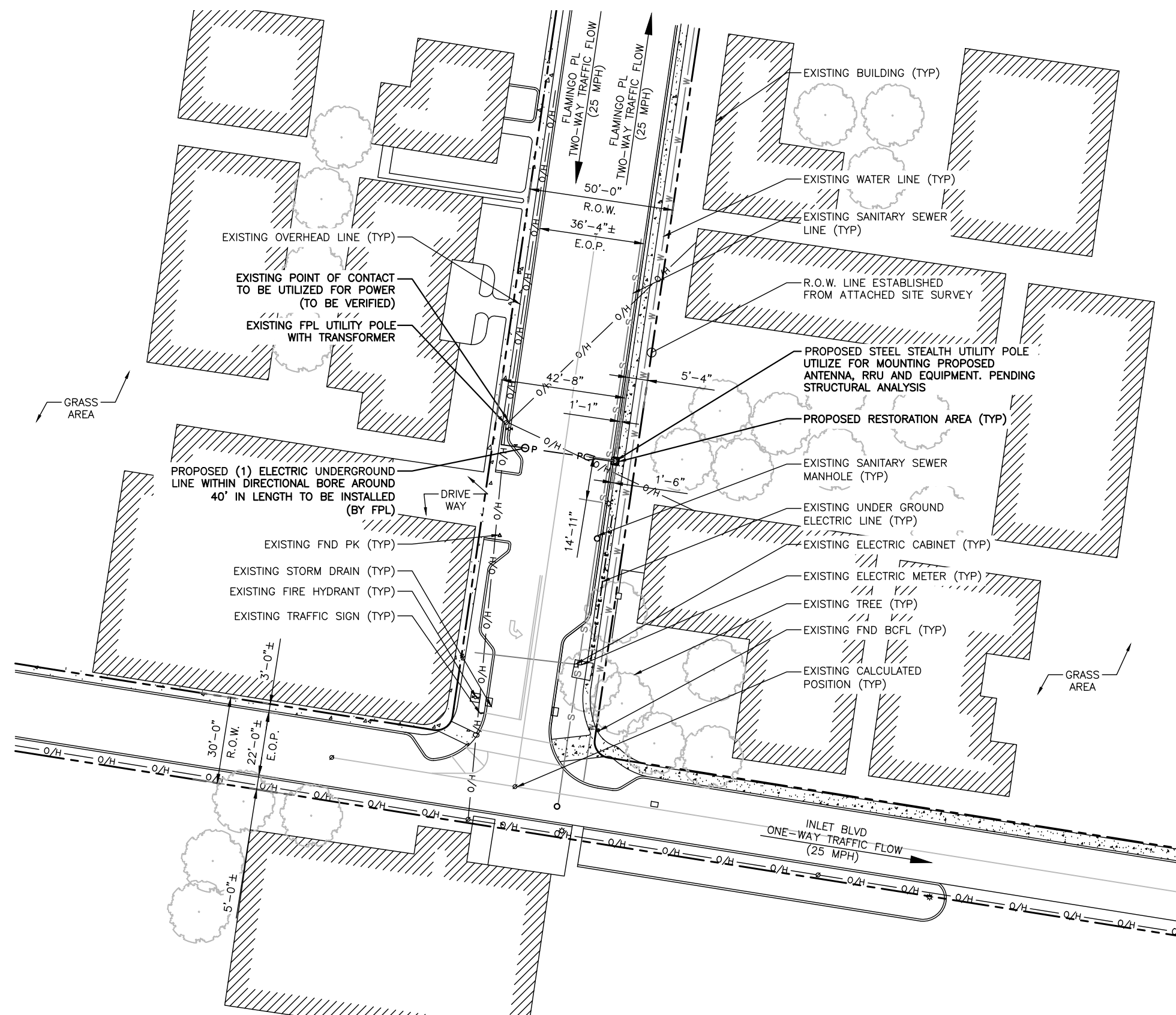
PROPOSED 24'-6" STEEL POLE

SHEET TITLE

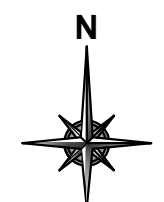
EXHIBIT PHOTO & SITE PLAN

SHEET NUMBER

SP-1



NOTE:
1. ALL DAMAGED AREAS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION.
2. ALL ITEMS AND DIMENSIONS SHOULD BE VERIFIED IN THE FIELD.
3. GENERAL CONTRACTORS ARE REQUIRED TO CROSS CHECK COORDINATES, AERIAL PHOTO AND SITE PLAN TO ENSURE PROPER POLE LOCATION PRIOR TO BREAKING GROUND. CONCERNS OR QUESTIONS SHOULD BE IMMEDIATELY DIRECTED TO THE ASSIGNED MOBILITE CM.



UTILITY SITE PLAN
SCALE: 1" = 40'-0" (1" = 20'-0" ON 24"x36" SHEET)

1



PROJECT NO: 9FLB003757E
DRAWN BY: RC
CHECKED BY: SJB

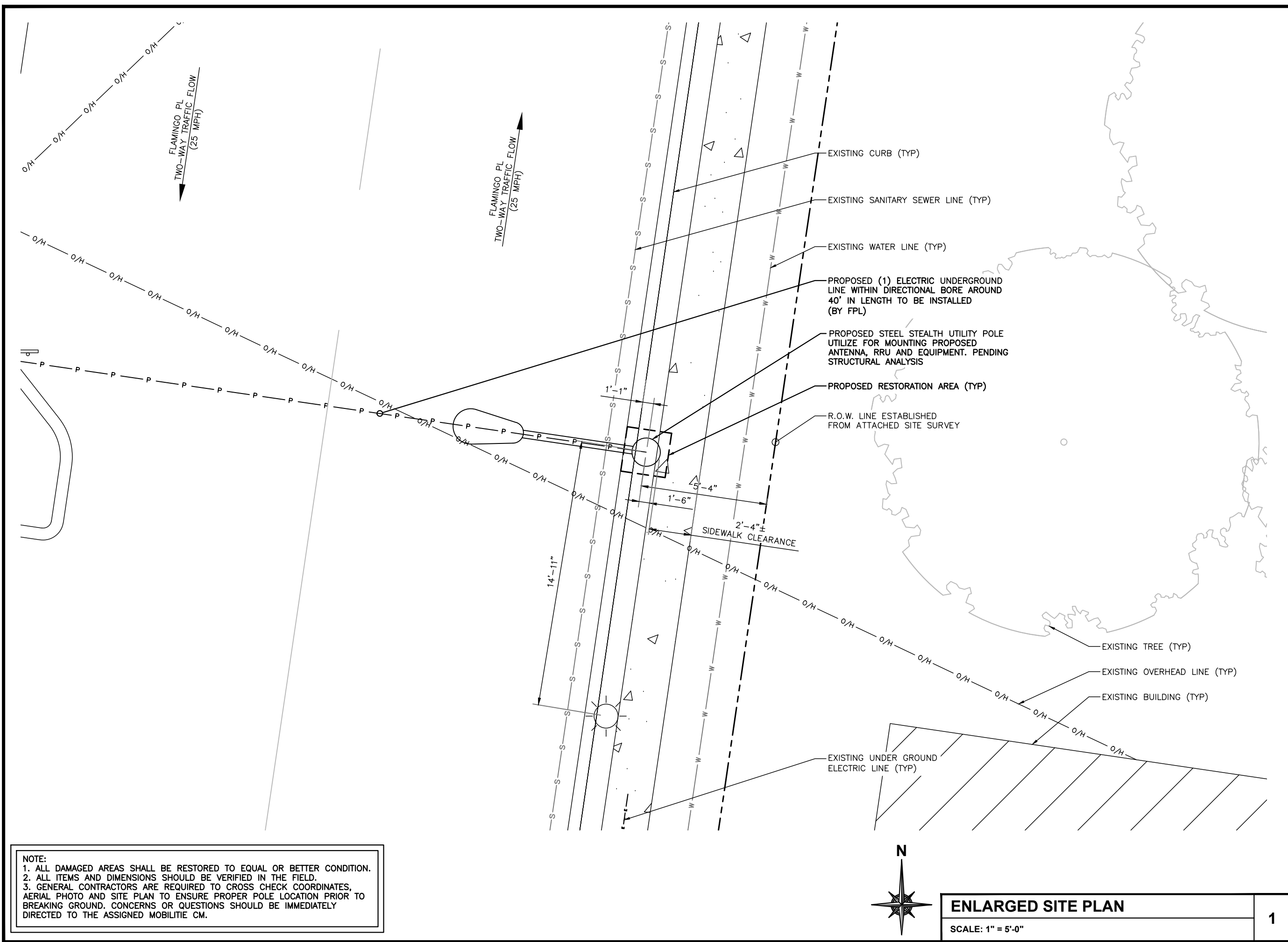
D	12-07-17	REVISION
C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC
Stephen A. Bray
PROFESSIONAL ENGINEER
STEPHEN A. BRAY
LICENSE
No. 68902
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
FL LICENSE 12/7/17
IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
UTILITY SITE PLAN

SHEET NUMBER
SP-2



NOTE:
1. ALL DAMAGED AREAS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION.
2. ALL ITEMS AND DIMENSIONS SHOULD BE VERIFIED IN THE FIELD.
3. GENERAL CONTRACTORS ARE REQUIRED TO CROSS CHECK COORDINATES, AERIAL PHOTO AND SITE PLAN TO ENSURE PROPER POLE LOCATION PRIOR TO BREAKING GROUND. CONCERNS OR QUESTIONS SHOULD BE IMMEDIATELY DIRECTED TO THE ASSIGNED MOBILITIE CM.



ENLARGED SITE PLAN

SCALE: 1" = 5'-0"

1

mobilitie

PROJECT NO: 9FLB003757E
DRAWN BY: RC
CHECKED BY: SJB

D	12-07-17	REVISION
C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray



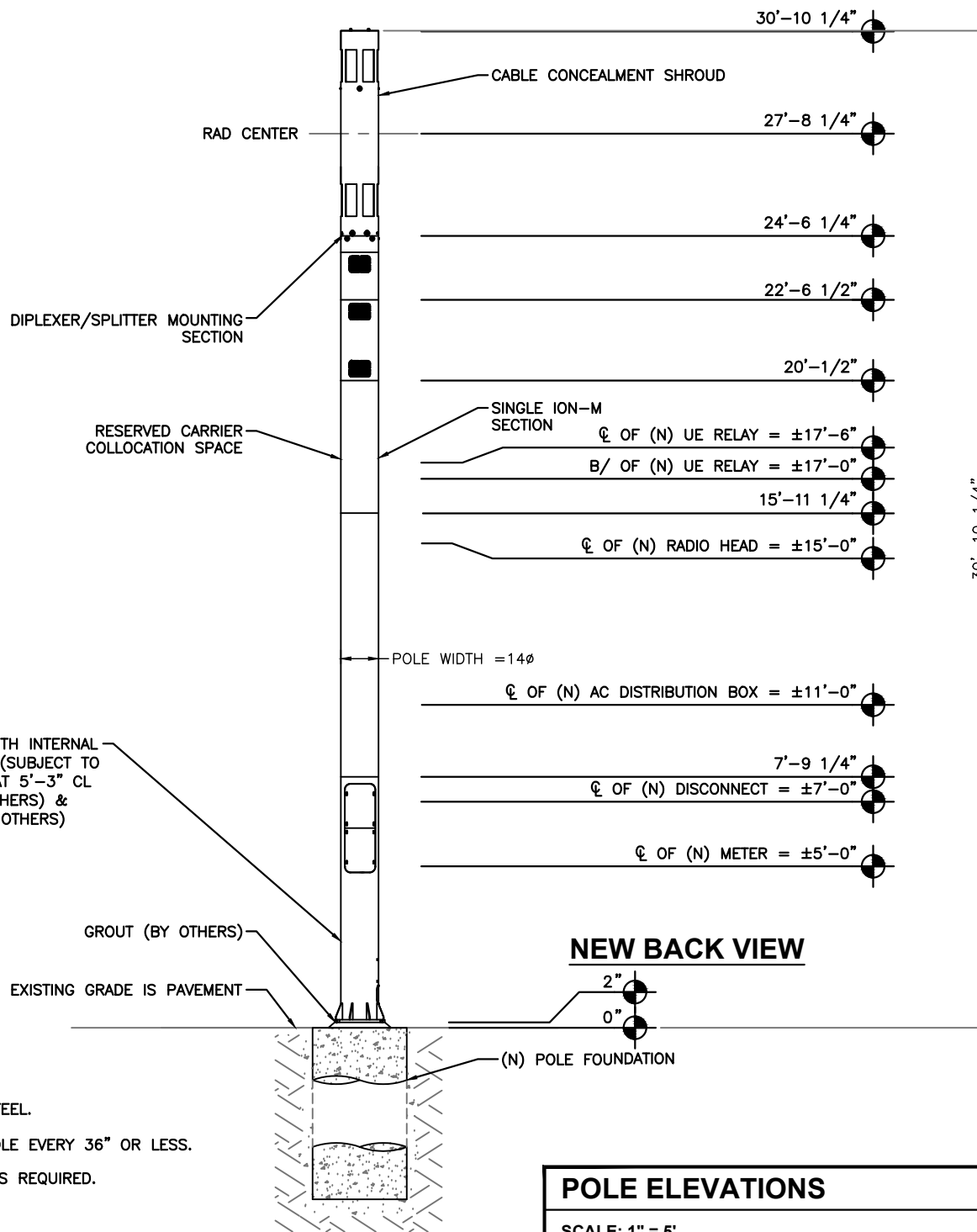
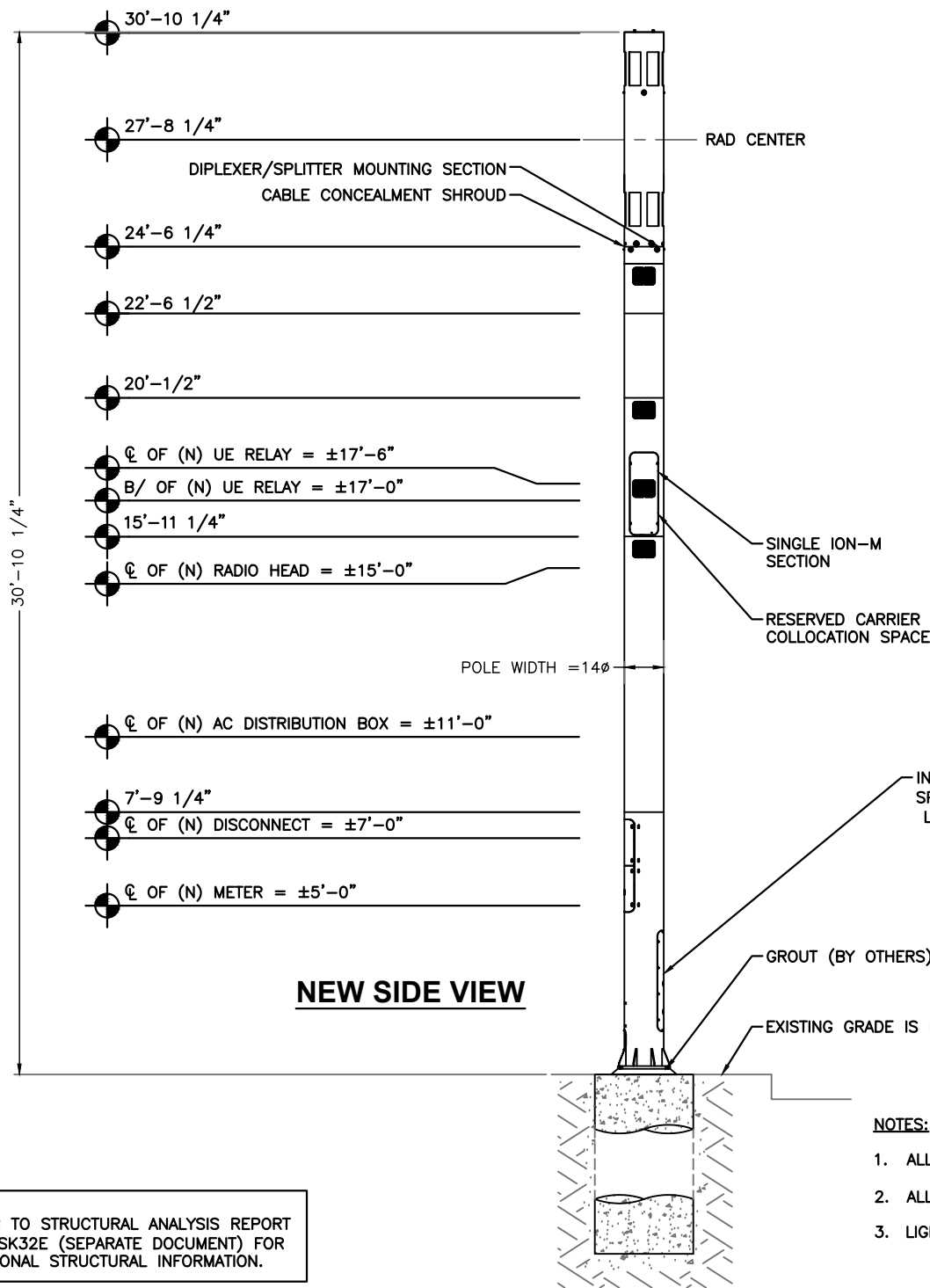
IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
SP-3

NOTE:
POLE FINISH: GALVANIZED PER ASTM123
AND POWDER COATED (COLOR TBD.)



NOTES:

1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. ALL CABLES SHALL BE SECURED TO POLE EVERY 36" OR LESS.
3. LIGHTNING RODS SHALL BE INCLUDED AS REQUIRED.

NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT
MI90XSK32E (SEPARATE DOCUMENT) FOR
ADDITIONAL STRUCTURAL INFORMATION.

POLE ELEVATIONS

SCALE: 1" = 5'

1

PROJECT NO: 9FLB003757E
DRAWN BY: RC
CHECKED BY: SJB

		REVISION
C	08-22-17	REVISION
B	08-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray

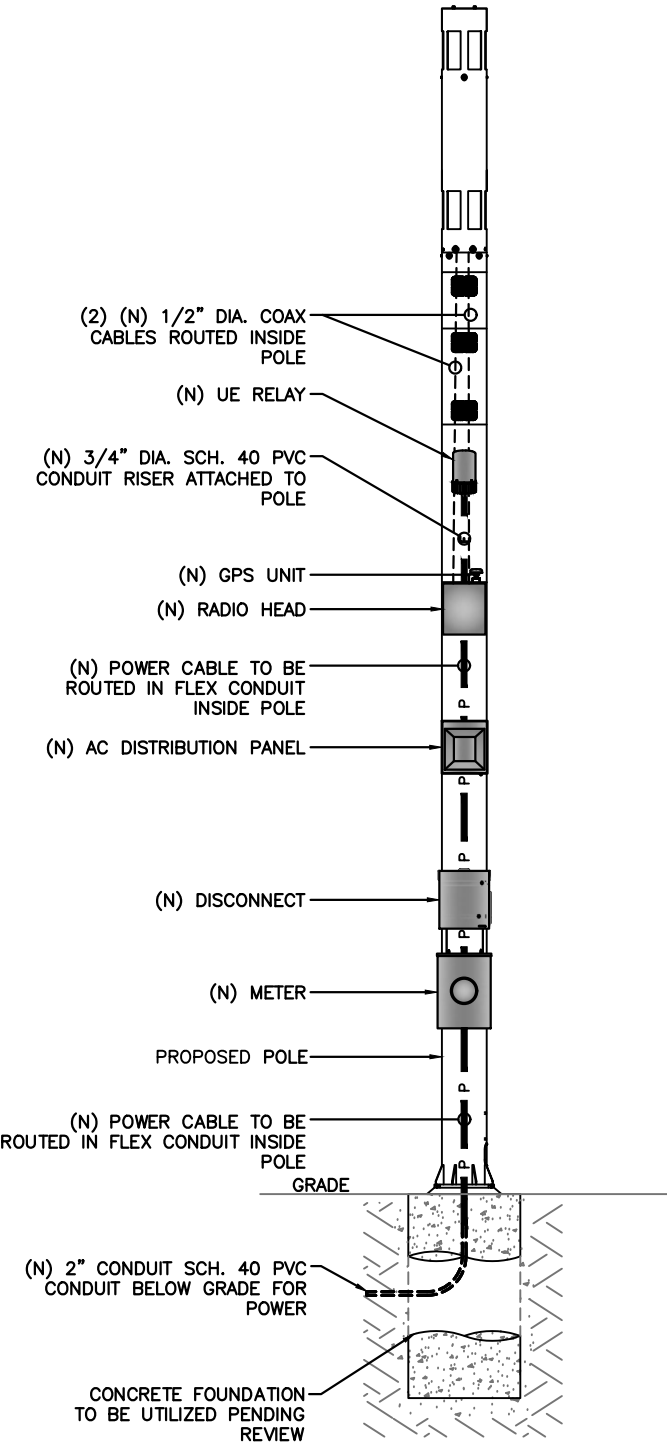


IT IS A VIOLATION OF THE LAW FOR ANY
PERSON, UNLESS THEY ARE ACTING UNDER THE
DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
POLE ELEVATIONS

SHEET NUMBER
EV-1



CABLING NOTES:

- A) WOOD, CONCRETE AND EXISTING METALLIC POLES
- I) FROM GRADE LINE TO 11'-0" ABOVE GRADE, ALL CABLES/CONDUCTORS EXCEPT GROUNDING CONDUCTOR MUST RUN IN RIGID GALVANIZED STEEL CONDUIT (RGS)
- II) GROUNDING CONDUCTORS IN EXPOSED LOCATIONS MUST BE INSTALLED IN PVC.
- III) IN EARTH INSTALL PVC CONDUIT FOR BACKHAUL AND ELECTRICAL SERVICE. TRANSITION TO RGS AT GRADE LINE.
- IV) ABOVE 11'-0" ALL CABLES (POWER, ETHERNET, COAXIAL) MUST RUN IN PVC UTILITY POLE RISER.
- (1) AT MAJOR EQUIPMENT, EXTEND UTILITY DUCT IMMEDIATELY ADJACENT TO THE EQUIPMENT. INSTALL CABLES IN THE UTILITY POLE RISER CREATING CABLE DRIP LOOPS NOT LESS THAN THE CABLE BENDING RADIUS.
- (2) INSIDE THE UTILITY POLE RISER, UTILIZE 1/2" COAX BLOCKS WITH LAG SCREWS TO SUPPORT COAX, RADIO AND MW POWER, RF COAX, AND ETHERNET CABLES TO WITHIN 12" OF THE EQUIPMENT BEING SERVED AND ON INTERVALS NOT TO EXCEED 6'.
- V) FOR UNDERGROUND HFC/PUBLIC BACKHAUL, ROUTE ETHERNET CABLE IN CONDUIT UP THE POLE AND ENTER THE UTILITY POLE RISER. SEAL EXPOSED END OF CONDUIT WITH A CABLE TERMINATION FITTING.
- VI) BY APPROVAL IN SELECT CASES LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LFMC) MAY BE USED IN LENGTHS NOT TO EXCEED 36" TO EXTEND THE ELECTRICAL SERVICE CONDUIT TO THE AC DISTRIBUTION BOX. EXAMPLE: UTILITY-REQUIRED DISCONNECT ON POLE W/ AC DISTRIBUTION BOX ON OPPOSITE SIDE OF POLE. NOT REQUIRED FOR COAX.
- B) NEW METALLIC POLES
- I) PROCURE NEW POLES WITH SUITABLE HAND HOLES SUCH THAT HAND HOLES EXIST AT ALL EQUIPMENT LOCATIONS.
- (1) WITH CLIENT APPROVAL IN SELECT CASES TO FACILITATE IMPROVED APPEARANCE, 1/2" COAXIAL CABLES MAY BE "SUPERFLEX" IN LIEU OF LDF-4.
- II) WHERE POSSIBLE, INSTALL POLE BASE SUCH THAT THE ELECTRICAL FEED AND BACKHAUL (IF UNDERGROUND) CIRCUIT ENTER THE POLE THROUGH THE POLE BASE. IF A DISCONNECTING MEANS SEPARATE FROM THE AC DISTRIBUTION BOX IS REQUIRED BY JURISDICTION OR UTILITY, WITH APPROVAL IN SELECT CASES LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LFMC) MAY BE USED IN LENGTHS NOT TO EXCEED 36" TO EXTEND THE ELECTRICAL SERVICE CONDUIT TO THE AC DISTRIBUTION BOX.

PLUMBING DIAGRAM

SCALE: NOT TO SCALE

1

NOTE:
NOTE: ALL CABLING, EQUIPMENT, AND APPURTENANCES TO BE INSTALLED INTERNAL TO STEALTH POLE

NOTE:
CABLING DIAGRAM IS FOR CLARITY OF CABLE ROUTE AND TERMINATION ONLY. CONTRACTOR SHALL INSTALL CABLES WITH MINIMAL VISUAL IMPACT ON PROPOSED STEEL STEALTH UTILITY POLE. SEE ELEVATION DRAWING FOR EQUIPMENT AND ANTENNA LOCATIONS.

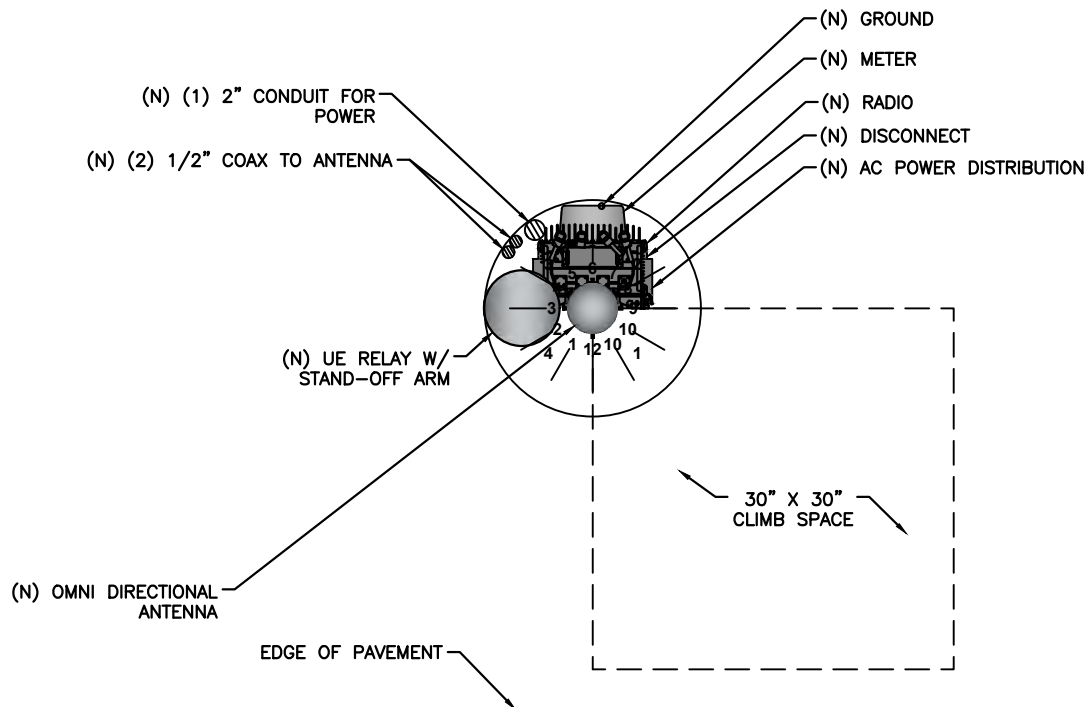
BILL OF MATERIALS							
QTY.	DESCRIPTION	MANUFACTURER	MODEL NUMBER	AZIMUTH	CABLE	DIMENSIONS (HxWxD)	WEIGHT
1	ANTENNA	ALPHA WIRELESS	AW3477-S	TBD	12'-6"±	30.7" X 4.7" DIAMETER	7 LBS
1	UE RELAY	AIRSPAN	iR460-SPB-ST-1-P-0	TBD	3'±	13" X 7" DIAMETER	8.8 LBS
-	-	-	-	-	-	-	-
1	GPS	TALLYSMAN	GPS-ANT-3	-	-	2" X 2.6" DIAMETER	0.3 LBS
1	RADIO	AIRSPAN	AH4000	-	3'±	20.3" X 10.3" X 8.3"	42 LBS
-	-	-	-	-	-	-	-
1	AC DISTRIBUTION PANEL	TRANSECTOR	1101-1207-1012	-	1'±	12" X 12" X 4"	17 LBS
1	NEMA TYPE-3R DISCONNECT	SIEMENS	GF222NR (EXAMPLE)	-	1'±	15.45" X 8.7" X 5.95"	14 LBS
1	METER SOCKET	MILBANK	U4801-XL-5T9 (EXAMPLE)	-	60'±	19" X 13" X 4.84"	21 LBS

RFDS REVISION TYPE: NOT FINAL
RFDS REVISION NUMBER: N/A
RFDS REVISION TIMESTAMP: N/A

BILL OF MATERIALS

SCALE: NOT TO SCALE

2



RISER ORIENTATION DIAGRAM

SCALE: NOT TO SCALE

3

mobilitie

PROJECT NO: 9FLB003757E

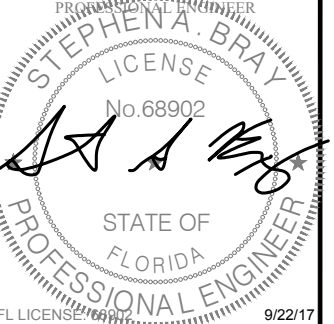
DRAWN BY: RC

CHECKED BY: SJB

C	08-22-17	REVISION
B	08-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray

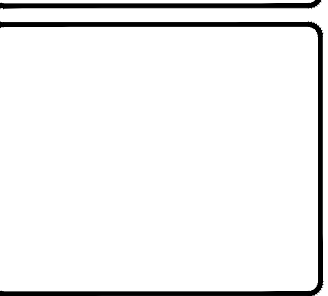
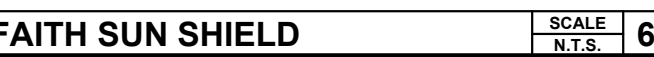
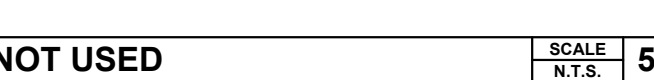
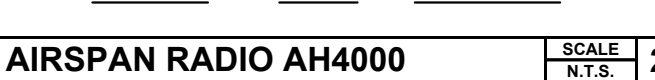
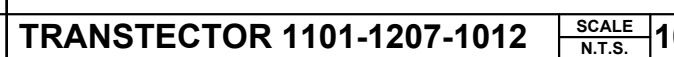


IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

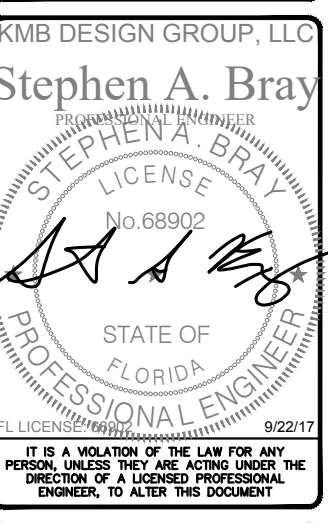
MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
PLUMBING & RISER DIAGRAM

SHEET NUMBER
PL-1



C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW



MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET NUMBER
EQ-1

NOT USED

SCALE: NOT TO SCALE

1

(N) 1/2" COAX FROM RADIO TO ANTENNA (TYP.)

(N) TOWER STANDOFF (VALMONT STK SERIES OR EQUIVALENT)

(N) 1/2" SNAP-IN (VALMONT 12SH-3 OR EQUIVALENT)

PROPOSED STEEL STEALTH UTILITY POLE

(N) STAINLESS STEEL BANDING (TYP.) MANUFACTURED BY BAND-IT #C204B9, 1/2" WITH C45499 BUCKLES, OR APPROVED EQUAL

NOTE:
SPACE SNAP-INS PER
CABLE MANUFACTURER'S
SPECIFICATIONS

CABLE MOUNTING DETAIL

SCALE: NOT TO SCALE

2

NOT USED


SCALE: NOT TO SCALE


3

5"

10"

NOTICE



Radio frequency fields beyond this point may exceed the FCC general public exposure limit.
Obey all posted signs and site guidelines for working in radio frequency environments.
SITE ID: **9FLB003757E**
Contact 877-244-7889

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(b)

5"

4"

Mobilitie, LLC
In case of Emergency Contact
E-mail: MNOC@mobilitie.com
Phone: (877) 244-7889
Please Reference Site ID
Site ID

9FLB003757E

FCC ID

ANTENNA SIGNAGE:
ON METAL POLES – ADHESIVE VINYL OR PLACARD
STRAPPED WITH SS TIES
SIGN PLACEMENT:
AFFIX TO THE STRUCTURE 3–4' BELOW THE COMMERCIAL
RF ANTENNA(S)
SIZE APPROX. 8" x 5"

ANTENNA SIGNAGE


OWNER / OPERATOR NOTE:
SITE ID LABEL TO BE AFFIXED AT OR NEAR THE
POINT OF POWER CONNECTION WITH TZeS241
LABELING TAPE OR EQUIVALENT BLACK ON WHITE
LABELING TAPE OF AT LEAST 18mm WIDTH WITH
EXTRA-STRENGTH ADHESIVE. USE ANY COMPATIBLE
P-TOUCH LABEL MAKER. TEXT SHOULD BE
PRINTED IN ALL CAPS WITH A MINIMUM HEIGHT
OF 1/2".

EMERGENCY CONTACT SIGN

POLE MOUNTED SIGNS

SCALE: NOT TO SCALE

4



PROJECT NO: 9FLB003757E

DRAWN BY: RC

CHECKED BY: SJB

C 09-22-17

B 09-20-17

A 08-17-17


REVISION

REVISION

FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E

MIAMI BEACH, FL 33140

PROPOSED 24'-6" STEEL POLE

SHEET TITLE

EQUIPMENT DETAILS

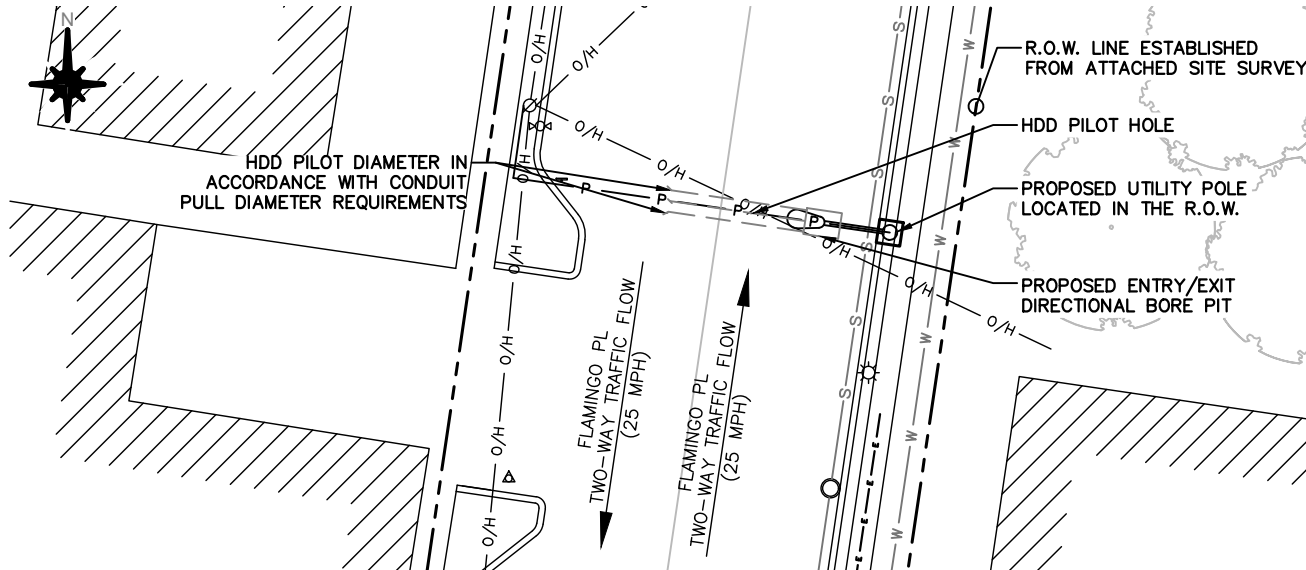
SHEET NUMBER

EQ-2

NOT USED

SCALE: NOT TO SCALE

1



HDD PILOT DIAMETER IN ACCORDANCE WITH CONDUIT PULL DIAMETER REQUIREMENTS

R.O.W. LINE ESTABLISHED FROM ATTACHED SITE SURVEY

HDD PILOT HOLE

PROPOSED UTILITY POLE LOCATED IN THE R.O.W.

PROPOSED ENTRY/EXIT DIRECTIONAL BORE PIT

FLAMINGO PL TWO-WAY TRAFFIC FLOW (25 MPH)

FLAMINGO PL TWO-WAY TRAFFIC FLOW (25 MPH)

NOTE:

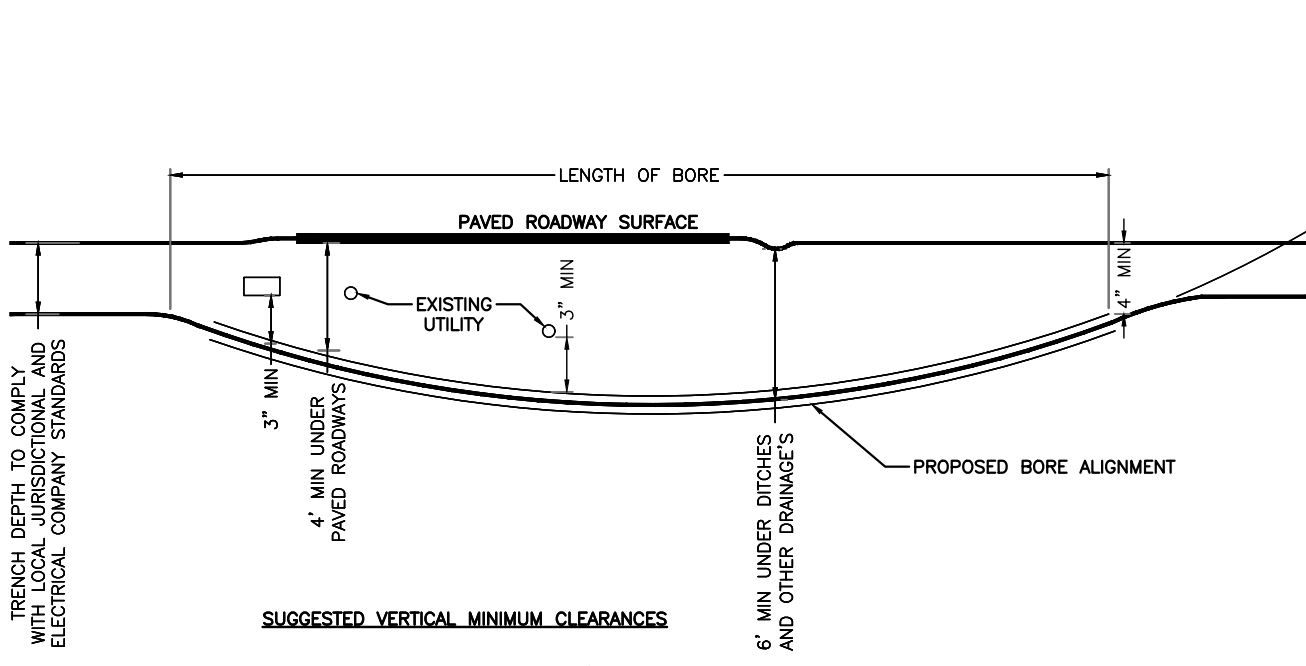
1. ALL HDD CONTRACTORS SHALL BE LICENSED AS "A" OR "C3" CONTRACTORS IN THE APPLICABLE STATE.

2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH TR-46 AND ASTM F1962-11

HORIZONTAL BORE PLAN

SCALE: NOT TO SCALE

2



TRENCH DEPTH TO COMPLY WITH LOCAL JURISDICTIONAL AND ELECTRICAL COMPANY STANDARDS

PAVED ROADWAY SURFACE

EXISTING UTILITY

3" MIN

4' MIN UNDER PAVED ROADWAYS

6' MIN UNDER DITCHES AND OTHER DRAINAGE'S

PROPOSED BORE ALIGNMENT

LENGTH OF BORE

4" MIN

3" MIN

SUGGESTED VERTICAL MINIMUM CLEARANCES

DIRECTIONAL BORING DETAILS

SCALE: NOT TO SCALE

3

NOT USED

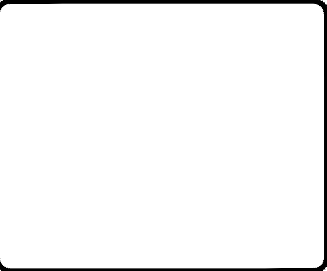
SCALE: NOT TO SCALE

4

NOT USED

SCALE: NOT TO SCALE

5




PROJECT NO:	9FLB003757E
DRAWN BY:	RC
CHECKED BY:	SJB

C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray



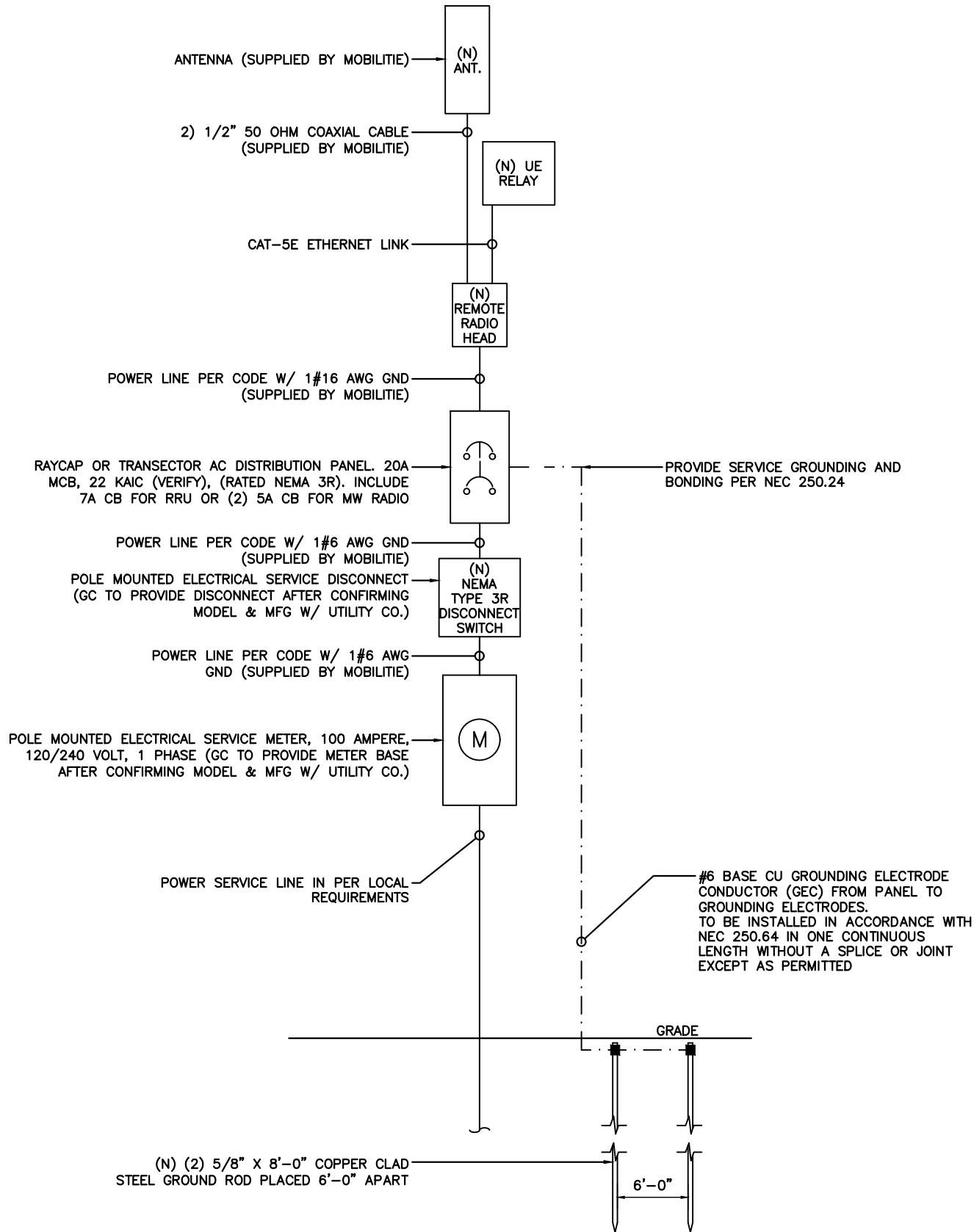
IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT



MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
EXCAVATION DETAILS

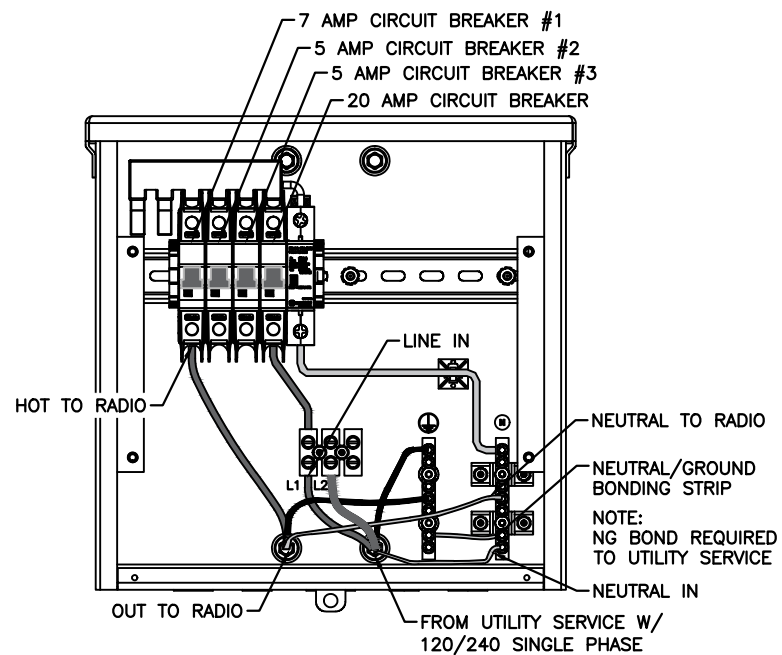
SHEET NUMBER
EX-1



ONE-LINE DIAGRAM

SCALE: NOT TO SCALE

1



TRANSECTOR EXPORT AC DISTRIBUTION BOX

BREAKER SCHEDULE

SCALE: NOT TO SCALE

2

NOTES:

1. NOMINAL POWER IS CALCULATED AS 80% OF OEM DOCUMENTED MAXIMUM POWER.
2. CALCULATIONS FOR UE W/ NOKIA DO NOT NEED TO INCLUDE THE POWER FOR THE UE ANTENNA AS IT IS INCLUDED IN THE MAX POWER FIGURE. CALCULATIONS FOR UE W/ AIRSPAN MUST INCLUDE UE AS IT IS NOT INCLUDED
3. KVA IS CALCULATED FROM THE CONSUMPTION VALUE ASSUMING A PF=1. MAXIMUM POWER WAS USED FOR KVA. WHERE MAXIMUM WAS NOTED BY THE OEM THE QUOTED FIGURE WAS USED. WHERE AVERAGE/NOMINAL POWER WAS NOTED BY THE OEM MAXIMUM POWER WAS CALCULATED BY INCREASING AVERAGE/NOMINAL POWER BY A FACTOR OF 50%

Airspan Scenario 2 AH4000 High Power Radio and UE Backhaul

Unit	Sub Description	Max Power (W)	Max Current (A)	KVA	kWh/Yr
AirHarmony 4000	LTE Base Station	540	4.50	0.54	4730.4
Airspan IR460	UE Relay	N/A	N/A	N/A	N/A
Total		540	4.50	0.54	4730.4

LOAD CALCULATIONS

SCALE: NOT TO SCALE

3

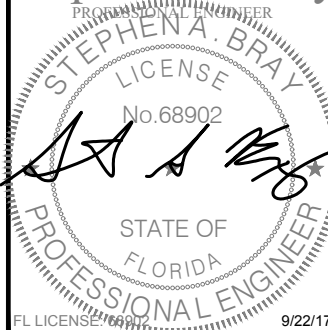
mobilitie

PROJECT NO: 9FLB003757E
DRAWN BY: RC
CHECKED BY: SJB

		REVISION
C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray



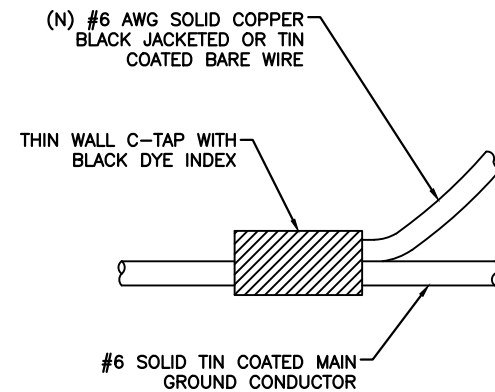
IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
E-1

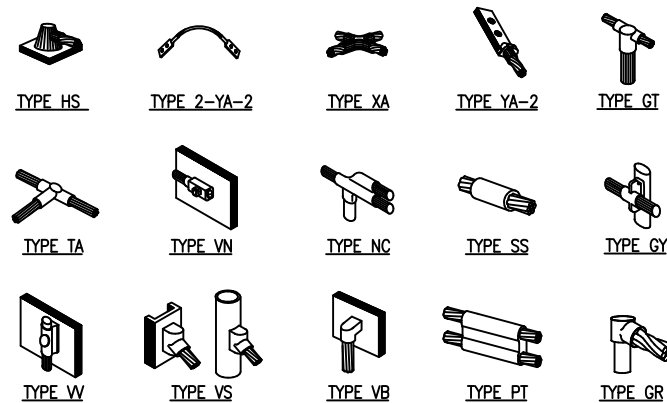
NOTE:
CONTRACTOR TO SURROUND COMPLETED
CONNECTION WITH HEAT-SHRINK TUBING TO
ENSURE WEATHER PROOF CONNECTION



C-TAP DETAIL

SCALE: NOT TO SCALE

1

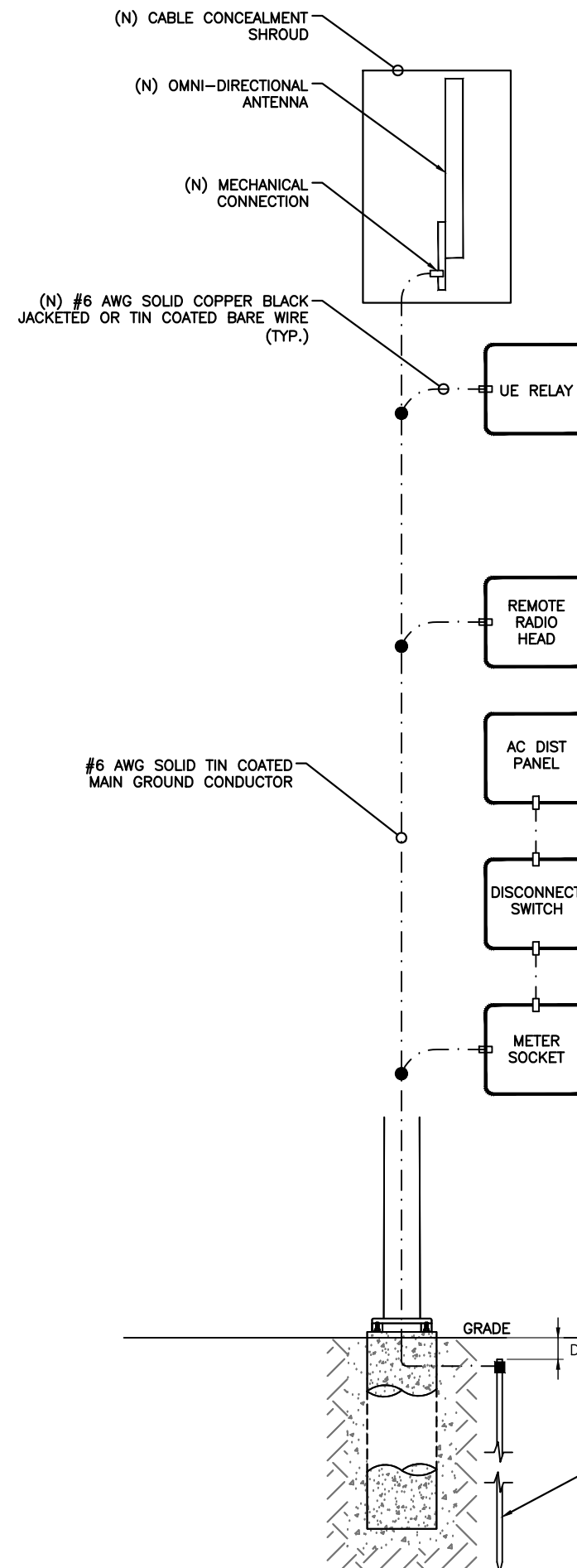


NOTE:
ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES.
CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE
USED FOR THIS PROJECT.

WELD CONNECTION DETAILS

SCALE: NOT TO SCALE

2



LEGEND

- CADWELD CONNECTION
- MECHANICAL CONNECTION
- COMPRESSION CONNECTION

NOTE:
GROUNDING RISER FOR DIAGRAMMATIC
PURPOSES ONLY. SEE ELEVATION DRAWING
FOR EQUIPMENT AND ANTENNA LOCATIONS.

- NOTES:
1. ALL RGS TO BE GROUNDED AT BOTH
ENDS USING GROUNDING BUSHINGS
 2. GROUND WIRE TO BE RUN IN 1/2"
SCHEDULE 40 PVC.

GROUNDING RISER DIAGRAM

SCALE: NOT TO SCALE

3

mobilitie

PROJECT NO: 9FLB003757E
DRAWN BY: RC
CHECKED BY: SJB

C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC
Stephen A. Bray
PROFESSIONAL ENGINEER
LICENSE
No. 68902
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
FL LICENSE # 68902 9/22/17
IT IS A VIOLATION OF THE LAW FOR ANY
PERSON, UNLESS THEY ARE ACTING UNDER THE
DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
GROUNDING DETAILS

SHEET NUMBER
G-1

REINFORCED CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN & CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
2. ALL SITECAST CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI WITHIN 28 DAYS. CONTINUOUS INSPECTION AND TESTING IS NOT REQUIRED. THE CONTRACTOR MAY SUBSTITUTE 5000 PSI FOR HIGH EARLY STRENGTH.

SLUMP – 4” MIN. / 6” MAX.
AIR ENTRAINMENT – 2% TO 3% BY VOLUME

CLASSES OF CONCRETE

CLASS	28 DAY STRENGTH (PSI)	MAX. WATER/CEMENT RATIO	PLACEMENT LOCATION	
TYPE 1	3000	0.55	ALL LOCATIONS	NORMAL WEIGHT

3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL FABRIC UNLESS OTHERWISE NOTED. SPLICES FOR REBAR SHALL BE CLASS 'B' AND ALL HOOKS SHALL BE STANDARD, UNO. STAGGER SPLICES UNO. LAPS FOR WELDED WIRE FABRIC SHALL BE AT LEAST TWO FULL MESHES, UNO.

4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS OTHERWISE NOTED ON DRAWINGS:

CONCRETE CAST AGAINST EARTH.....	3”
CONCRETE EXPOSED TO EARTH OR WEATHER	
#6 AND LARGER.....	2”
#5 AND SMALLER & W.W.F.....	1-1/2”

5. MAXIMUM COARSE AGGREGATE SIZE SHALL BE 3/4”.

6. INSTALLATION OF CONCRETE ANCHORS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS. THE ANCHOR BOLTS, DOWEL, OR RODS SHALL CONFORM TO THE ANCHOR MANUFACTURER'S SPECIFICATIONS FOR MATERIAL STRENGTH, EMBEDMENT DEPTH, SPACING, AND EDGE DISTANCE OR AS DETAILED ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD, HILTI OR APPROVED EQUAL. IF THE MANUFACTURER'S SPECIFICATIONS AND DETAILS ARE FOUND TO CONFLICT WITH THAT SHOWN HEREIN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

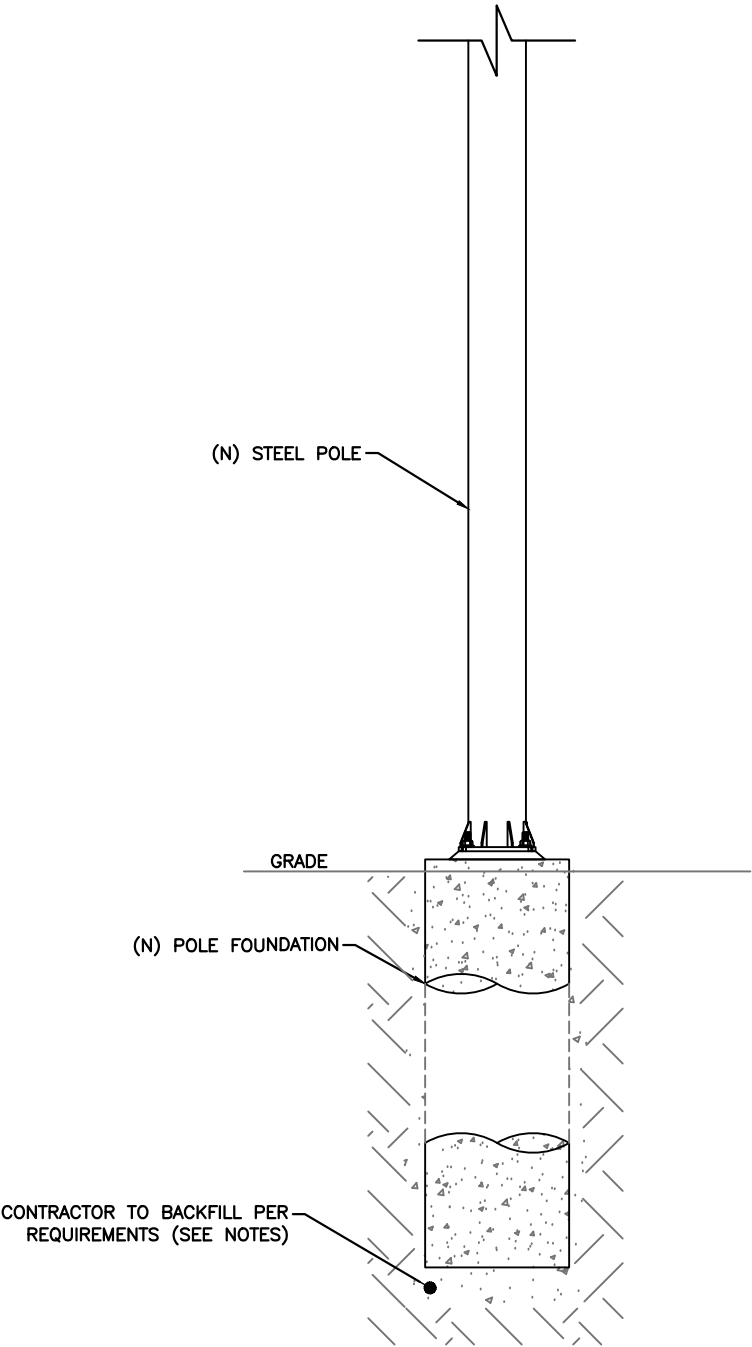
7. MECHANICAL VIBRATION IS REQUIRED ON ALL SLABS TO REDUCE THE HONEYCOMB EFFECT UNLESS OTHERWISE DIRECTED BY THE CONSTRUCTION MANAGER.

8. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL CONDUIT SIZES AND PENETRATION LOCATION PRIOR TO POURING THE SLAB. REFER TO SHELTER MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.

9. ALLOWABLE SOIL PRESSURE = 2500 PSF (ASSUMED).

NOTE:
SEE GN-3 FOUNDATION, EXCAVATION AND BACKFILL FOR ADDITIONAL NOTES.

NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT (SEPARATE DOCUMENT) FOR ADDITIONAL STRUCTURAL INFORMATION.



mobilitie

PROJECT NO:	9FLB003757E
DRAWN BY:	RC
CHECKED BY:	SJB

C	08-22-17	REVISION
B	08-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray

PROFESSIONAL ENGINEER

STEPHEN A. BRAY

LICENSE No. 68902

STATE OF FLORIDA

PROFESSIONAL ENGINEER

FL LICENSE 68902 9/22/17

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
POLE FOUNDATION DETAILS

SHEET NUMBER
S-1

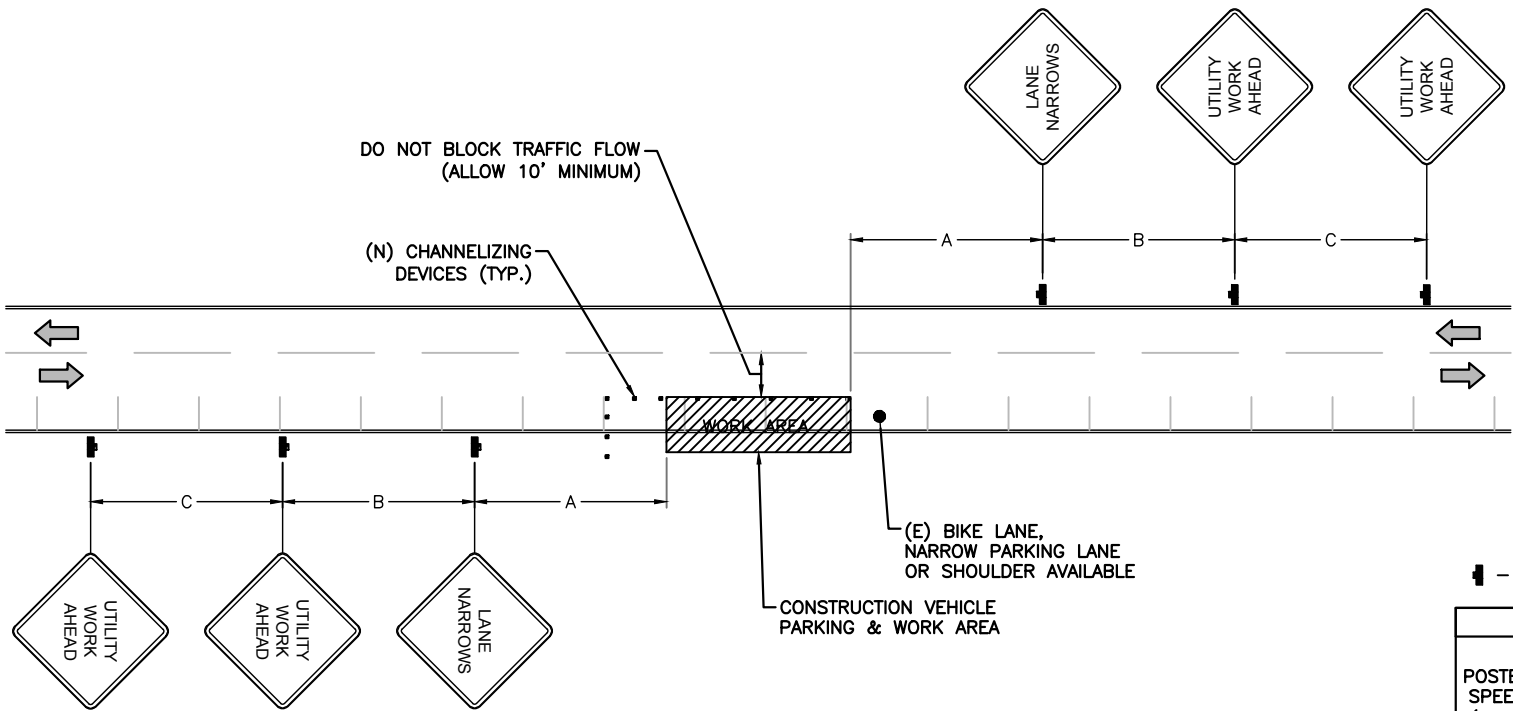
POLE FOUNDATION DETAILS

SCALE: NOT TO SCALE

1

PLAN NOTES:

1. PLANS DEPICTED ARE GENERAL GUIDELINES FOR TEMPORARY VEHICULAR TRAFFIC CONTROL PLANS (TCP) TO INCLUDE PEDESTRIAN AND WORKER SAFETY. CONTRACTOR IS REQUIRED TO HAVE PREPARED A SITE-SPECIFIC TCP FOR REVIEW AND APPROVAL BY THE HIGHWAY AUTHORITY HAVING JURISDICTION. IF REQUIRED, THE FIRM PREPARING THE TCP SHALL BE AUTHORIZED OR CERTIFIED BY THE AUTHORITY HAVING JURISDICTION.
2. EXTEND CHANNELIZATION DEVICES INTO SHOULDER WHERE APPLICABLE.
3. DISTANCES AS INDICATED IN TABLE 1 SHOULD BE INCREASED FOR CONDITIONS THAT WOULD AFFECT STOPPING. DISTANCE SUCH AS DOWNGRADES OR LIMITED SIGHT DISTANCES. DISTANCES CAN BE DECREASED FOR LOW-SPEED (RESIDENTIAL) AREAS WITH APPROVAL BY THE AUTHORITY HAVING JURISDICTION. NIGHT-TIME WORK IS PROHIBITED UNLESS IT IS REQUIRED AS A CONDITION OF APPROVAL BY THE HIGHWAY AND LOCAL AUTHORITY HAVING JURISDICTION.
4. SHOULDER TAPERS SHOULD BE 1/3 OF THE ON-STREET TAPER LENGTH.
5. MAINTAIN A MINIMUM LANE WIDTH OF 10'.



1 - SIGN

TABLE 1					
POSTED SPEED (MPH)	DISTANCE BETWEEN SIGNS			TAPER	BUFFER
	A	B	C	L (SEE NOTE)	
15	100'	100'	100'	45'	100'
20	100'	100'	100'	80'	115'
25	100'	100'	100'	125'	155'
30	200'	200'	200'	180'	200'
35	200'	200'	200'	245'	250'
40	350'	350'	350'	320'	305'
45	350'	350'	350'	540'	360'
50	500'	500'	500'	600'	425'
55	500'	500'	500'	660'	495'
60	500'	500'	500'	720'	570'
65	500'	500'	500'	780'	645'

NOTES:

A) DISTANCES IN FEET UNLESS OTHERWISE NOTED.

B) CONTRACTOR TO VERIFY (E) SPEED LIMIT.

C) DISTANCES SHOWN ARE NOT VALID FOR LIMITED ACCESS HIGHWAYS. CONSULT STATE DOT MANUAL FOR DISTANCES.

D) ADJUST DISTANCES TO COMPLY WITH REQUIREMENT OF THE STATE OR LOCAL HIGHWAY AUTHORITY HAVING JURISDICTION. SEE NOTE 1, SHEET TC-2.

E) TAPER LENGTHS SHOWN BASED ON 12' LANE WIDTH. SEE NOTE 18, SHEET TC-2.

VEHICULAR TRAFFIC CONTROL PLAN - CURBSIDE PARKING

SCALE: NOT TO SCALE

1

mobilitie

PROJECT NO: 9FLB003757E
DRAWN BY: RC
CHECKED BY: SJB

C	08-22-17	REVISION
B	08-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC
Stephen A. Bray
PROFESSIONAL ENGINEER
STEPHEN A. BRAY
LICENSE No. 68902
STATE OF FLORIDA
PROFESSIONAL ENGINEER
FL LICENSE # 68902 9/22/17
IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
VEHICULAR TRAFFIC CONTROL PLAN

SHEET NUMBER
TC-1

1. ALL TEMPORARY TRAFFIC CONTROL SIGNAGE, LAYOUTS AND PROCEDURES SHALL COMPLY WITH LOCAL JURISDICTIONAL REQUIREMENTS AND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, WHICHEVER IS MORE STRINGENT.
2. PRIOR TO ANY ROAD CONSTRUCTION, TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE IN PLACE.
3. TRAFFIC CONTROL DEVICES FOR LANE CLOSURES INCLUDING SIGNS, CONES, BARRICADES, ETC. SHALL BE PLACED AS SHOWN ON PLANS. SIGNS SHALL NOT BE PLACED WITHOUT ACTUAL LANE CLOSURES AND SHALL BE IMMEDIATELY REMOVED UPON REMOVAL OF THE CLOSURES.
4. SELECTION, PLACEMENT, MAINTENANCE, AND PROTECTION OF TRAFFIC, PEDESTRIANS, AND WORKERS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) – PART VI "TEMPORARY TRAFFIC CONTROL", AND LOCAL JURISDICTIONAL REQUIREMENTS UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS, AND SHALL BE APPROVED BY THE APPROPRIATE HIGHWAY AUTHORITY HAVING JURISDICTION.
5. ADVANCE WARNING SIGNS, DISTANCES, AND TAPER LENGTHS MAY BE EXTENDED TO ADJUST FOR REDUCED VISIBILITY DUE TO HORIZONTAL AND VERTICAL CURVATURE OF THE ROADWAY AND FOR ACTUAL TRAFFIC SPEEDS IF IN EXCESS OF POSTED SPEED LIMITS.
6. TAPERS SHALL BE LOCATED TO MAXIMIZE THE VISIBILITY OF THEIR TOTAL LENGTH.
7. CONFLICTING OR NON-OPERATING SIGNAL INDICATIONS ON THE (E) TRAFFIC SIGNAL SYSTEMS SHALL BE BAGGED OR COVERED.
8. ALL (E) ROAD SIGNS, PAVEMENT MARKINGS AND/OR PLOWABLE PAVEMENT REFLECTORS WHICH CONFLICT WITH THE (N) TRAFFIC CONTROL PLAN SHALL BE COVERED, REMOVED, OR RELOCATED. ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO MATCH PRE-CONSTRUCTION CONDITION AFTER COMPLETION OF WORK.
9. CONTRACTOR SHALL CONTACT LOCAL AUTHORITY HAVING HIGHWAY JURISDICTION AND PROVIDE ADDITIONAL "FLAGMEN" OR POLICE SUPERVISION, IF REQUIRED.
10. ALL EXCAVATED AREAS WITHIN OR ADJACENT TO THE ROADWAY SHALL BE BACKFILLED AND PLACED ON A MINIMUM 6H:1V SLOPE PRIOR TO END OF EACH WORK DAY. OTHER EXCAVATED AREAS WITHIN THE CLEAR ZONE ARE TO BE EITHER BACKFILLED OR PRECAST CONCRETE CURB BARRIER CONSTRUCTION BARRIER SET TEMPORARILY IN PLACE TO SHIELD VEHICULAR AND PEDESTRIAN TRAFFIC.
1. WHERE DICTATED BY LOCAL CONDITIONS, THE CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING PEDESTRIAN AND WORKER CROSSING LOCATIONS IN ACCORDANCE WITH ALL APPLICABLE CODES AND OSHA REQUIREMENTS.
2. CONSTRUCTION ZONE SPEED LIMIT IF REDUCED FROM POSTED LIMITS SHALL BE IN ACCORDANCE WITH MUTCD AND WILL BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
3. THERE SHALL BE NO WORKERS, EQUIPMENT, OR OTHER VEHICLES IN THE BUFFER SPACE OR THE ROLL AHEAD SPACE.
4. DRIVEWAYS AND/OR SIDE STREETS ENTERING THE ROADWAY AFTER THE FIRST ADVANCE WARNING SIGN SHALL BE PROVIDED WITH AT LEAST ONE W20-1 SIGN (ROAD WORK AHEAD) AS A MINIMUM.
5. CONES MAY BE SUBSTITUTED FOR DRUMS AND INSTALLED UPON THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION PROVIDED THEY COMPLY WITH MUTCD.
6. THE SPACING BETWEEN CONES, TUBULAR MARKERS, VERTICAL PANELS, DRUMS, AND BARRICADES SHOULD NOT EXCEED A DISTANCE IN FEET EQUAL TO 1.0 TIMES THE SPEED LIMIT IN MPH WHEN USED FOR TAPER CHANNELIZATION, AND A DISTANCE IN FEET EQUAL TO 2.0 TIMES THE SPEED LIMIT IN MPH WHEN USED FOR TANGENT CHANNELIZATION.
7. WHEN CHANNELIZATION DEVICES HAVE THE POTENTIAL OF LEADING VEHICULAR TRAFFIC OUT OF THE INTENDED VEHICULAR TRAFFIC SPACE, THE CHANNELIZATION DEVICES SHOULD BE EXTENDED A DISTANCE IN FEET OF 2.0 TIMES THE SPEED LIMIT IN MPH BEYOND THE DOWNSTREAM END OF THE TRANSITION AREA.
8. TAPER LENGTHS ARE CALCULATED AS FOLLOWS:
 $L = WS^2/60$ (40 MPH AND HIGHER) OR $L2 = WS$ (OVER 40 MPH),
WHERE W= OFFSET WIDTH (FT), S= TRAFFIC SPEED (MPH).



GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, THE LATEST ADOPTED EDITION AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND LATEST MOBILITIE CONSTRUCTION STANDARDS. THE SPECIFICATION IS THE RULING DOCUMENT AND ANY DISCREPANCIES BETWEEN THE SPECIFICATION AND THE CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OR MOBILITIE CM PRIOR TO THE COMMENCEMENT OF WORK.
- CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE (N) WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED, AS SHOWN, PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OR MOBILITIE CM PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ANY/ALL ITEMS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM SUBJECT ONLY TO OWNER-SUPPLIED ITEMS. CONTRACTOR SHALL PROVIDE ANY/ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS. OWNER PROVIDED AND CONTRACTOR INSTALLED MATERIALS WILL INCLUDE THE FOLLOWING, UNLESS NOTED OTHERWISE:
 - TRANSMITTER
 - UHF ANTENNA AND MOUNTING BRACKETS, GPS UNIT AND KU BACKHAUL
 - UHF COAX AND HANGERS
 - INTEGRATED LOAD CENTER
- DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS. SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, (E) CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO THE ATTENTION OF THE MOBILITIE CM, IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
- DETAILS PROVIDED ARE FOR THE PURPOSE OF SHOWING DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR SITE CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- CONTRACTOR SHALL PAY FOR APPLICABLE PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMIS AND APPROVED SUBMITTALS PRIOR TO ORDERING MATERIALS AND THE COMMENCEMENT OF WORK.
- THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
- CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING ACCEPTED INDUSTRY-STANDARD SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE MOBILITIE CM AND SCHEDULE THEIR ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS.

- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THEIR WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT (E) SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING ETC. AND IMMEDIATE REPAIR, TO NEW CONDITION, ANY DAMAGE THAT OCCURS DURING CONSTRUCTION AT THE SOLE COST OF THE CONTRACTOR.
- IN DRILLING HOLES, OR CORING, INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., MUST BE CLEARLY UNDERSTOOD THAT REINFORCING STEEL SHALL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES (UNLESS NOTED OTHERWISE). LOCATIONS OF REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE LOCATED BY THE CONTRACTOR USING APPROPRIATE METHODS AND EQUIPMENT PRIOR TO ANY DRILLING OR CORING OPERATIONS IN (E) CONCRETE.
- CONTRACTOR SHALL REPAIR, TO NEW CONDITION, ALL (E) WALL SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND IN WITH ADJACENT SURFACES.
- CONTRACTOR SHALL SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES OR MATERIALS WITH U.L. LISTED AND FIRE CODE APPROVED MATERIALS AND SYSTEMS THAT MEET OR EXCEED THE RATING OF THE ASSEMBLY IN WHICH THE NEW PENETRATION IS PLACED.
- CONTRACTOR SHALL KEEP CONTRACT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
- MINIMUM BEND RADIUS OF ANTENNA CABLES SHALL BE IN ACCORDANCE WITH CABLE MANUFACTURERS RECOMMENDATIONS.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO (E) SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION SHALL BE IN CONFORMANCE WITH JURISDICTIONAL OR STATE AND LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL AND COORDINATED WITH LOCAL REGULATORY AUTHORITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ANY EROSION CONTROL MEASURES, RECORD-KEEPING, MONITORING, AND REPORTING TO THE OWNER AND REGULATORY AUTHORITIES.
- ALL CONSTRUCTION WORK IS TO ADHERE TO APPLICANT'S INTEGRATED CONSTRUCTION STANDARDS UNLESS STATE OR LOCAL CODE IS MORE STRINGENT.
- THE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PERFORM THE CONSTRUCTION IN ACCORDANCE PER STATE BUILDING STANDARDS CODE AND STATE CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHEREIN THE FINISHED WORK WILL NOT COMPLY PER STATE CODE OF REGULATIONS, A SCOPE OF WORK DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE JURISDICTION BEFORE PROCEEDING WITH THE WORK. A CHANGE ORDER FOR THAT SCOPE SHALL BE SUBMITTED TO THE MOBILITIE CM PRIOR TO PROCEEDING WITH THE WORK.
- ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
- CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE. ANY CORRECTIVE WORK SHALL BE COMPLETED AT THE SOLE COST OF THE CONTRACTOR.

ELECTRICAL NOTES:

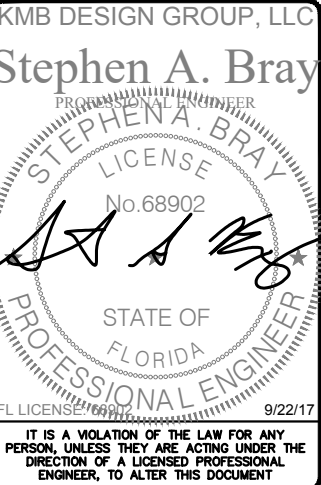
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED. ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE W/DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY MOBILITIE CM AS SOON AS POSSIBLE, AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK, UNTIL THE MOBILITIE CM HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.

- ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELF WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL (E) CONDITIONS OF ELECTRICAL EQUIP., ETC., THAT ARE PART OF THE FINAL SYSTEM, SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF THEIR BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
 - UL – UNDERWRITERS LABORATORIES
 - NEC – NATIONAL ELECTRICAL CODE
 - NEMA – NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 - OSHA – OCCUPATIONAL SAFETY AND HEALTH ACT
 - SBC – STANDARD BUILDING CODE
 - NFPA – NATIONAL FIRE PROTECTION AGENCY
 - ANSI – AMERICAN NATIONAL STANDARDS INSTITUTE
 - IEEE – INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 - ASTM – AMERICAN SOCIETY FOR TESTING MATERIALS
- REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH MOBILITIE CM ANY SIZES AND LOCATIONS WHEN NEEDED.
- (E) SERVICES: CONTRACTOR SHALL NOT INTERRUPT (E) SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
- CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC... ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE MOBILITIE CM, PRIOR TO BEGINNING ANY WORK.
- MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THWN INSULATION, UNLESS OTHERWISE NOTED.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY APPLICANT.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY FUNCTIONAL AND SHALL BE APPROVED BY THE MOBILITIE CM AND LOCAL JURISDICTION. ANY DIFICIENCIES SHALL BE CORRECTED BY AN ELECTRICAL CONTRACTOR AT THE SOLE COST OF THE CONTRACTOR.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.

mobilitie

PROJECT NO:	9FLB003757E
DRAWN BY:	RC
CHECKED BY:	SJB

C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW



MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
GN-1

ELECTRICAL NOTES CONT'D

1. THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
2. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
3. DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS 'EXCAVATION, AND BACKFILLING.
4. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IECE.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURER'S CATALOG INFORMATION OF ANY/ALL EQUIPMENT AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE MOBILITIE CM PRIOR TO INSTALLATION.
6. ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE MOBILITIE CM UPON FINAL ACCEPTANCE.
7. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
8. DISCONNECT SWITCHES SHALL BE UL-RATED, H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
9. ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND KNOWN AS "NO-OXIDE A" BY DEARBORNE CHEMICAL CO. COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.
10. RACEWAYS: CONDUIT SHALL BE SCHEDULE 80 PVC MEETING OR EXCEEDING NEMA TC2 - 1990. CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. RGS CONDUITS WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. COAT ALL THREADS WITH 'BRITE ZINC' OR 'COLD GALV'.
11. SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
12. CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER WITH TYPE THWN INSULATION, UNLESS OTHERWISE NOTED, 600 VOLT, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
13. CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
14. SERVICE: AS SPECIFIED ON THE DRAWINGS. OWNER OR OWNER'S AGENT WILL APPLY FOR POWER. ALL PROVISIONS FOR TEMPORARY POWER WILL BE OBTAINED BY THE CONTRACTOR.
15. TELEPHONE OR FIBER SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
16. ELECTRICAL AND TELCO/FIBER RACEWAYS TO BE BURIED A MINIMUM DEPTH OF 30", UNLESS OTHERWISE NOTED.
17. CONTRACTOR SHALL PLACE 6" WIDE DETECTABLE WARNING TAPE AT A DEPTH OF 6" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOM".
18. ALL BOLTS SHALL BE 3-16 STAINLESS STEEL

GROUNDING NOTES:

1. ALL HARDWARE SHALL BE 3-16 STAINLESS STEEL, INCLUDING LOCK WASHERS. COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND, AS SPECIFIED, BEFORE MATING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8 INCH DIAMETER OR SIZED TO MATCH COMPONENTS OR LOG SIZE.
2. FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
3. ALL STEEL CONDUIT SHALL BE BONDED AT BOTH ENDS WITH GROUNDING BUSHING.
4. ALL ELECTRICAL AND GROUNDING AT THE POLE SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER.
5. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
6. GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING #6 GROUND WIRES. FOLLOW ANTENNA AND BTS MANUFACTURER'S PRACTICES FOR GROUNDING REQUIREMENTS.
7. ALL GROUND CONNECTIONS SHALL BE #6 AWG, UNLESS OTHERWISE NOTED. USE SOLID COPPER, BLACK JACKETED WIRE ON NON WOOD POLES AND SOLID TINNED COPPER, BARE (NO JACKET) WIRES ON WOOD POLES. BLACK WIRES WILL USE A SINGLE STRIPE OF GREEN ELECTRICAL TAPE WITHING 12" OF THE CONNECTION POINTS TO IDENTIFY AS GROUNDING WIRE.
8. NOTIFY ARCHITECT/ENGINEER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
9. ALL HORIZONTALLY RUN GROUNDING CONDUCTORS SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE/ 6" BELOW FROST-LINE IN TRENCH, UNLESS OTHERWISE NOTED. BACK FILL SHALL BE COMPACTED AS REQUIRED BY ARCHITECT/ENGINEER.
10. ALL GROUND CONDUCTORS SHALL BE RUN AS STRAIGHT AND SHORT AS POSSIBLE, WITH A MINIMUM 12" BENDING RADIUS NOT LESS THAN 90 DEGREES.
11. ACCEPTABLE CONNECTIONS FOR GROUNDING SYSTEM SHALL BE:

A. BURNDY, HY-GRADE U.L. LISTED CONNECTORS FOR OUTDOOR USE OR AS APPROVED BY APPLICANT PROJECT MANAGER.

B. CADWELD, EXOTHERMIC WELDS (WELDED CONNECTIONS).

C. ONE (1) OR (2) HOLES TINNED COPPER COMPRESSION (LONG BARREL) FITTINGS.
12. ALL CRIMPED CONNECTIONS SHALL HAVE EMBOSSED MANUFACTURER'S DIEMARK VISIBLE AT THE CRIMP (RESULTING FROM USE OF PROPER CRIMPING DEVICES) AND WEATHER-PROOFED WITH HEAT SHRINK.
13. ALL CONNECTION HARDWARE SHALL BE TYPE 3-16 STAINLESS STEEL (NOT ATTRACTED TO MAGNETS).
14. ELECTRICAL SERVICE EQUIPMENT GROUNDING SHALL COMPLY WITH NEC, ARTICLE 250-82 AND SHALL BOND ALL (E) AND NEW GROUNDING ELECTRODES. NEW GROUNDING ELECTRODE SHALL INCLUDE BUT NOT LIMITED TO GROUND RODS.

TESTING AND EQUIPMENT TURN UP REQUIREMENTS:

1. RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT TESTING WILL COMPLY WITH CURRENT INDUSTRY STANDARDS AND OR THOSE STANDARDS OF THE EQUIPMENT MANUFACTURER OR PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
2. CONTRACTOR WILL USE THE APPROPRIATE CALIBRATED TESTING EQUIPMENT IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT THAT MEET INDUSTRY STANDARDS OF THE MANUFACTURER OR THOSE STANDARDS PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.

3. CONTRACTOR TO VERIFY AND RECORD ALL TEST RESULTS AND PROVIDE THESE RESULTS WITHIN THE FINAL CLOSE OUT PACKAGE.
4. ALL PERSONNEL INVOLVED IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT WILL BE REQUIRED TO HAVE BEEN TRAINED AND OR CERTIFIED IN THE PROPER TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT.
5. ALL TEST RESULTS SHALL BE TIME STAMPED, RECORDED AND PRESENTED PRIOR TO ENERGIZING AND TURN UP OF ANY EQUIPMENT.
6. GPS EQUIPMENT (WHEN REQUIRED) IS NOT TO BE TESTED OR ATTACHED TO ANY CABLING DURING TESTING, DOING SO WILL DAMAGE THE GPS UNIT.
7. PRIOR TO TESTING IF THE CONTRACTOR HAS ANY QUESTIONS ABOUT THE TESTING PROCEDURES THEY ARE TO CALL AND OBTAIN ASSISTANCE FROM A QUALIFIED DESIGNATED TESTING REPRESENTATIVE.
8. EQUIPMENT IS NOT TO BE ENERGIZED UNTIL ALL TESTING HAS BEEN COMPLETED, APPROVED AND THE APPROPRIATE AUTHORITY HAS BEEN NOTIFIED AND GIVES APPROVAL TO ENERGIZE THE EQUIPMENT.

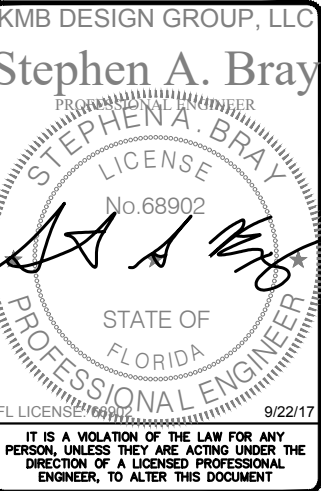
SITE WORK NOTES:

1. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
2. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY GENERAL CONTRACTOR AND ISSUED TO ARCHITECT/ENGINEER AT COMPLETION OF PROJECT.
3. ALL (E) UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE. BEEN PLOTTED FROM AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL (E) UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING (E) UTILITIES.
4. CONTRACTOR SHALL VERIFY ALL (E) UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER OR MOBILITIE CM FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT THEIR OWN RISK AND EXPENSE. CONTRACTOR SHALL CALL LOCAL UTILITY LOCATE HOT LINE, SUCH AS 811, FOR UTILITY LOCATIONS A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
5. ALL NEW AND (E) UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK. ANY COST RELATED TO ADJUSTING (E) STRUCTURES SHALL BE BORNE SOLELY BY THE CONTRACTOR.
6. GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO (E) GRADES AT THE GRADING LIMITS.
7. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.

mobilitie

PROJECT NO:	9FLB003757E
DRAWN BY:	RC
CHECKED BY:	SJB

C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW



MI90XSK32E

MIAMI BEACH, FL 33140

PROPOSED 24'-6" STEEL POLE

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

GN-2

SITE WORK NOTES CONT'D

8. STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY, UNLESS OTHERWISE NOTED.
9. NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
10. ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
11. ANY FILLS PLACED ON (E) SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE (E) SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
12. CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO DEBRIS, PAPER, TRASH, WEEDS, BRUSH, EXCESS FILL, OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
13. ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
14. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.

ENVIRONMENTAL NOTES:

1. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
3. CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES AS REQUIRED BY THE LOCAL JURISDICTION WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
4. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH SILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTY AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
7. CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
8. SEEDING AND MULCHING AND/OR SODDING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE, BUT IS NOT LIMITED TO SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
10. RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCES.

11. GC TO PLACE FILTER MATERIAL AT ALL CATCH BASINS ADJACENT TO CONSTRUCTION SITE TO PREVENT SOLID WASTE CONTAMINATION FROM ENTERING SEWER SYSTEM

FOUNDATION, EXCAVATION AND BACKFILL NOTES:

1. ALL FINAL GRADED SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE NOTED.
2. BACKFILL OF THE POLE SHALL BE PERFORMED BASED ON THE WATER TABLE. FLOWABLE FILL MIXTURES PURCHASED FROM CONCRETE PLANTS WILL BE USED INSTEAD OF FOAM IN WATER TABLE AREAS.

A: NORMAL SOILS ORDER OF PREFERENCE – FOAM, FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES

B: HIGH WATER TABLE SOILS ORDER OF PREFERENCES – FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES.
3. ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF POUNDING WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
4. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL. IF ADEQUATE BEARING CAPACITY IS NOT ACHIEVED AT THE DESIGNED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE OF THE SAME TYPE SPECIFIED FOR THE FOUNDATION. CRUSHED LIME STONE #57 MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
5. ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS EARTH, LOAM, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE, FREE FROM CLODS OR LARGE STONES OVER 2 1/2" MAX DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
6. ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 6" THICK LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE WETTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL IN ACCORDANCE WITH ASTM D1557.
7. NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
8. FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SLAB FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MAXIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL GRAVEL TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
9. NEWLY GRADED GRAVEL SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE: TYPAR-3401 AS MANUFACTURED BY TYPAR GEOSYNTHETICS OR AN APPROVED EQUIVALENT, SHOWN ON PLANS. THE GEOTEXTILE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE RECURRENCE OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHICH EVER IS GREATER. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 4" DEEP COMPACTED STONE OR GRAVEL AS SPECIFIED. I.E. FDOT TYPE NO. 57 FOR FENCED COMPOUND; FDOT TYPE NO. 67 FOR ACCESS DRIVE AREA, UNLESS OTHERWISE NOTED.
10. IN ALL AREAS TO RECEIVE FILL: REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BIND WITH (E)/PREPARED SOIL SURFACE.
11. WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL, SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILLS.
12. IN AREAS WHICH (E) GRAVEL SURFACING IS REMOVED OR DISTURBED DURING

CONSTRUCTION OPERATIONS, REPLACE GRAVEL SURFACING TO MATCH ADJACENT GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES.

13. (E) GRAVEL SURFACING MAY NOT BE REUSED.
14. GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTION AND SUB GRADE ELEVATIONS BEFORE GRAVEL SURFACING IS PLACED AND/OR RESTORED. ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.
15. PROTECT (E) GRAVEL SURFACING AND SUB GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING 'MATTS' OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO (E) GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.
16. DAMAGE TO (E) STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/ OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.
17. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT.

mobilitie

PROJECT NO:	9FLB003757E
DRAWN BY:	RC
CHECKED BY:	SJB

C	09-22-17	REVISION
B	09-20-17	REVISION
A	08-17-17	FOR CLIENT REVIEW

KMB DESIGN GROUP, LLC

Stephen A. Bray

PROFESSIONAL ENGINEER

STEPHEN A. BRAY

LICENSE

No.68902

STATE OF FLORIDA

PROFESSIONAL ENGINEER

FL LICENSE#68902 9/22/17

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

MI90XSK32E
MIAMI BEACH, FL 33140
PROPOSED 24'-6" STEEL POLE

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
GN-3

LESSOR'S LEGAL DESCRIPTION
MIAMI-DADE COUNTY, CITY OF MIAMI BEACH RIGHT OF WAY

FLOOD ZONE DESIGNATION
THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "AE" WITH A BFES OF 8 FEET. AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 12086C0317L DATED 09/11/09.

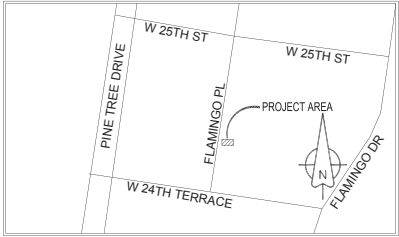
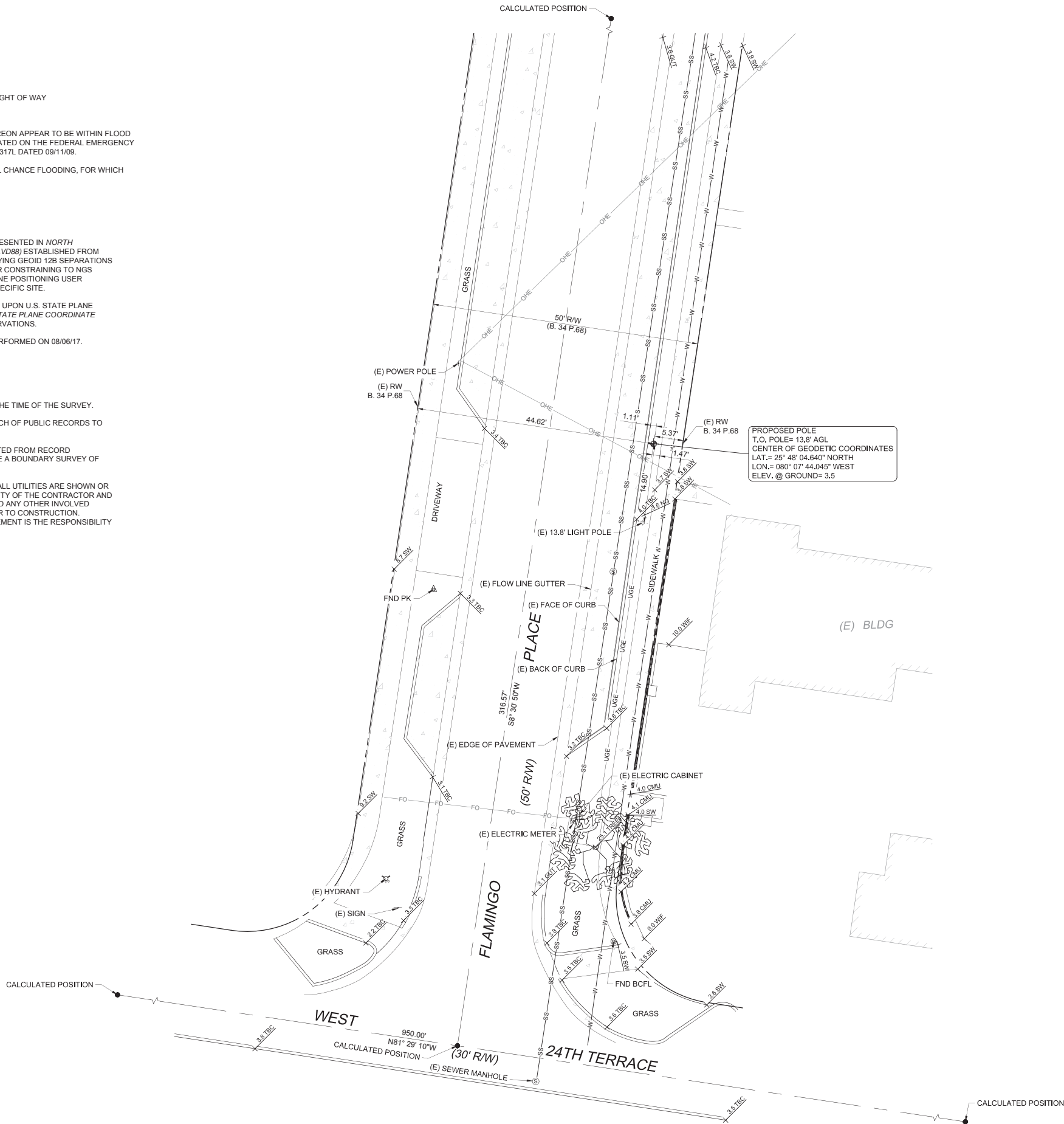
ZONE AE - AN AREA INUNDATED BY 1% ANNUAL CHANCE FLOODING, FOR WHICH BFES HAVE BEEN DETERMINED.

PROJECT META DATA

- ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 12B SEPARATIONS BASED ON NETWORK GPS SOLUTIONS OR CONSTRAINING TO NGS CORS STATIONS PROVIDED IN THE "ONLINE POSITIONING USER SERVICE" (OPUS) SOLUTION FOR THIS SPECIFIC SITE.
- BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM FLORIDA STATE PLANE COORDINATE ZONE EAST, DETERMINED BY GPS OBSERVATIONS.
- FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 08/06/17.

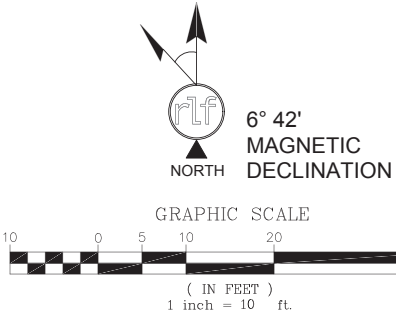
SURVEYOR NOTES

- A TITLE REPORT WAS NOT PROVIDED AT THE TIME OF THE SURVEY.
- SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
- THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
- SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.



LEGEND

(E)	EXISTING
(E)	ELECTRIC MANHOLE
(S)	SANITARY SEWER MANHOLE
(F)	FIBER MANHOLE
(T)	TRAFFIC SIGNAL PULL BOX
(P)	PK/WASHER
(B)	BRASS CAP FLUSH (BCFL)
(W)	WATER METER
(S)	STREET LIGHT W/ MAST ARM
(D)	DECIDUOUS TREE
(V)	WATER VALVE
(S)	SIGN
(B)	BREAKLINE
(G)	POSITION OF GEODETIC COORDINATES
(P)	POWER POLE
(T)	TRAFFIC SIGNAL
(TS)	TRAFFIC SIGNAL VAULT
---	RIGHT-OF-WAY LINE
---	CENTERLINE
---	U/G ELECTRIC LINE
---	U/G FIBER OPTIC LINE
---	WATER LINE
---	U/G GAS LINE
---	OVERHEAD ELECTRIC LINE
---	SANITARY SEWER LINE



mobilitie
intelligent infrastructure

2955 Red Hill Ave, Suite 200
Costa Mesa, CA, 92626,
www.mobilitie.com

Kimley»Horn

655 NORTH FRANKLIN STREET
SUITE 150
TAMPA, FL 33602
PHONE (813) 620-1460
WWW.KIMLEY-HORN.COM

FIELD BY:	JTS
DRAWN BY:	VAL
CHECKED BY:	KEM

REVISIONS

NO.	DATE	DESCRIPTION
3	09/18/17	FINAL



REUSE OF DOCUMENT
THE IDEAS & DESIGN INCORPORATED HEREON, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF RLF CONSULTING, LLC & IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN AUTHORIZATION OF RLF CONSULTING, LLC.

PROJECT No.
08002084

SITE NAME:
MI90XSK32E

SITE ADDRESS:
**FLAMINGO PLACE & W. 25TH TERRACE
MIAMI BEACH FL, 33140**

SHEET TITLE:
TOPOGRAPHIC SURVEY

SHEET NO.

LS-1

REVISION:

3

Photos taken on 8/15/17



Neighborhood
Photos



Approximate Address: 2439 Flamingo Place
Candidate: MI90XSK32E

Photos taken on 8/15/17



Neighborhood
Photos



Approximate Address: 2439 Flamingo Place

Candidate: MI90XSK32E