

PROPRIETARY

ITEM	DESCRIPTION
1	POLE SKIN
2	TOP PLATE
3	BOTTOM PLATE
4	DOOR SUPPORT FRAME
5	REAR DUCT LINING
6	DUCT END CAPS
7	DUCT SEPARATOR
8	ION MOUNTING PLATE
9	ION TOP HOLDING ASSEMBLY
10	STRUCTURAL MEMBERS/ WIREWAY
11	DUCT WIREWAY LINING
12	M-ION
13	FILLER BLOCK
14	FRONT DUCT LINING
15	DOOR LINING
16	DOOR

NOTES:
1. STEEL COMPONENTS SHOWN IN GREEN, NOISE ATTENUATING FOAM SHOWN IN GRAY
2. DESIGN NOT YET STRUCTURALLY VERIFIED, SMALL CHANGES TO THICKNESS AND MATERIAL SPECIFICATION OF STEEL COMPONENTS MAY BE REQUIRED TO MEET REQUIRED LOADING.

ConcealFab Corporation

3265 FILLMORE RIDGE HEIGHTS
COLORADO SPRINGS, CO 80907
PHONE :719-599-3400
FAX: 719-599-0057

PROPRIETARY INFORMATION
USE, REPRODUCTION, OR
DISCLOSURE IS SUBJECT TO
RESTRICTIONS SET FORTH IN
NON-DISCLOSURE AGREEMENT
AND OTHER CONTRACT
DOCUMENTS PERTAINING TO THIS
PROJECT

Project Information:

PROJECT
**12" DIAMETER ION
UTILITY POLE**

Rev: Date: Description: By:

A	07/10/13	NEW RELEASE	OBC
B	08/21/13	REVISED DESIGN	OBC

DO NOT
SCALE DWG

DIMENSIONS ARE IN INCHES

DECIMAL	ANGLE	FRACTION
X.XX ± 0.020	±1°	±1/16"
X.XXX ± 0.010		

Consultant:

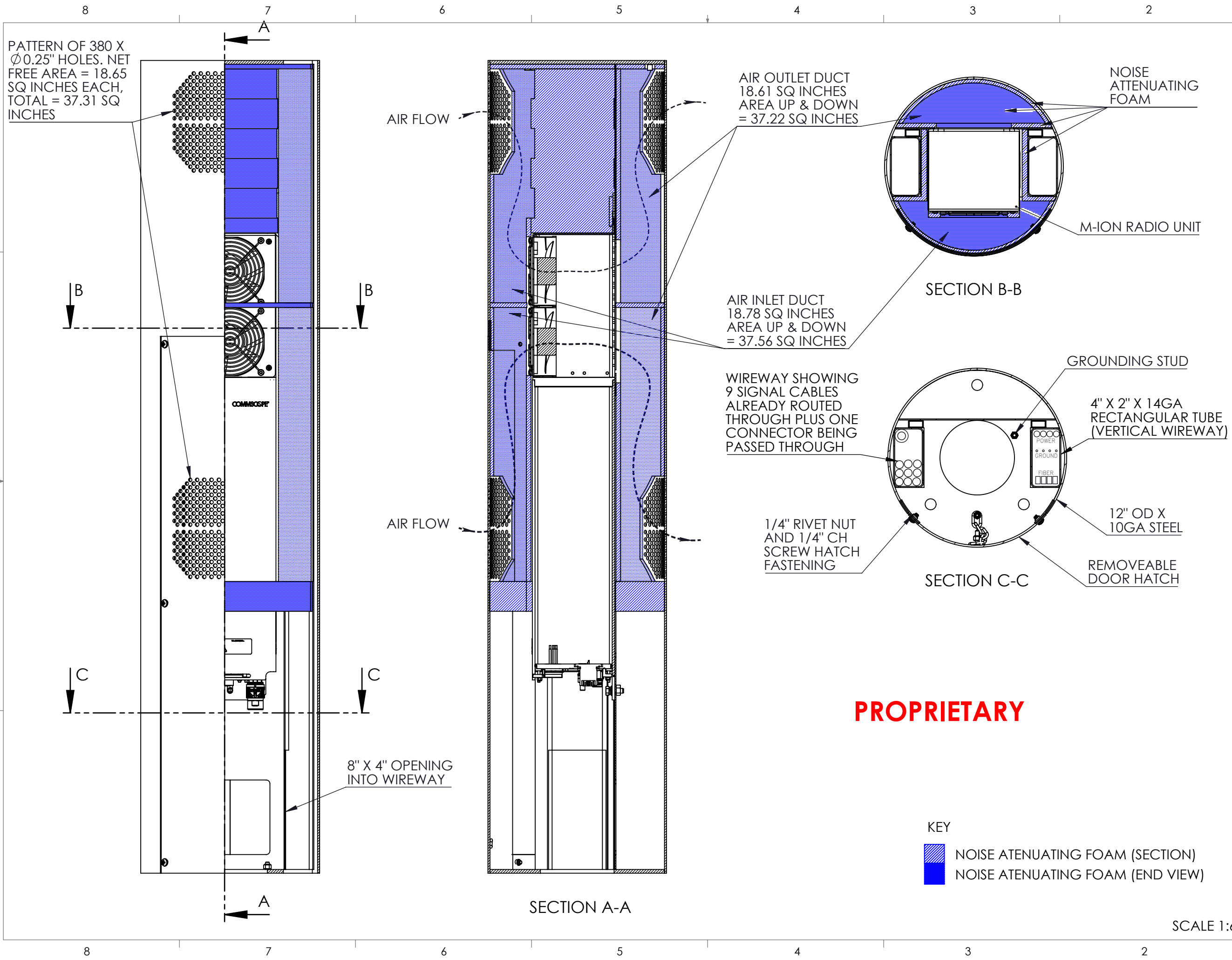
Consultant:

Sheet Title:

**12" ION
UTILITY POLE
BOM**

Part Number:

001485



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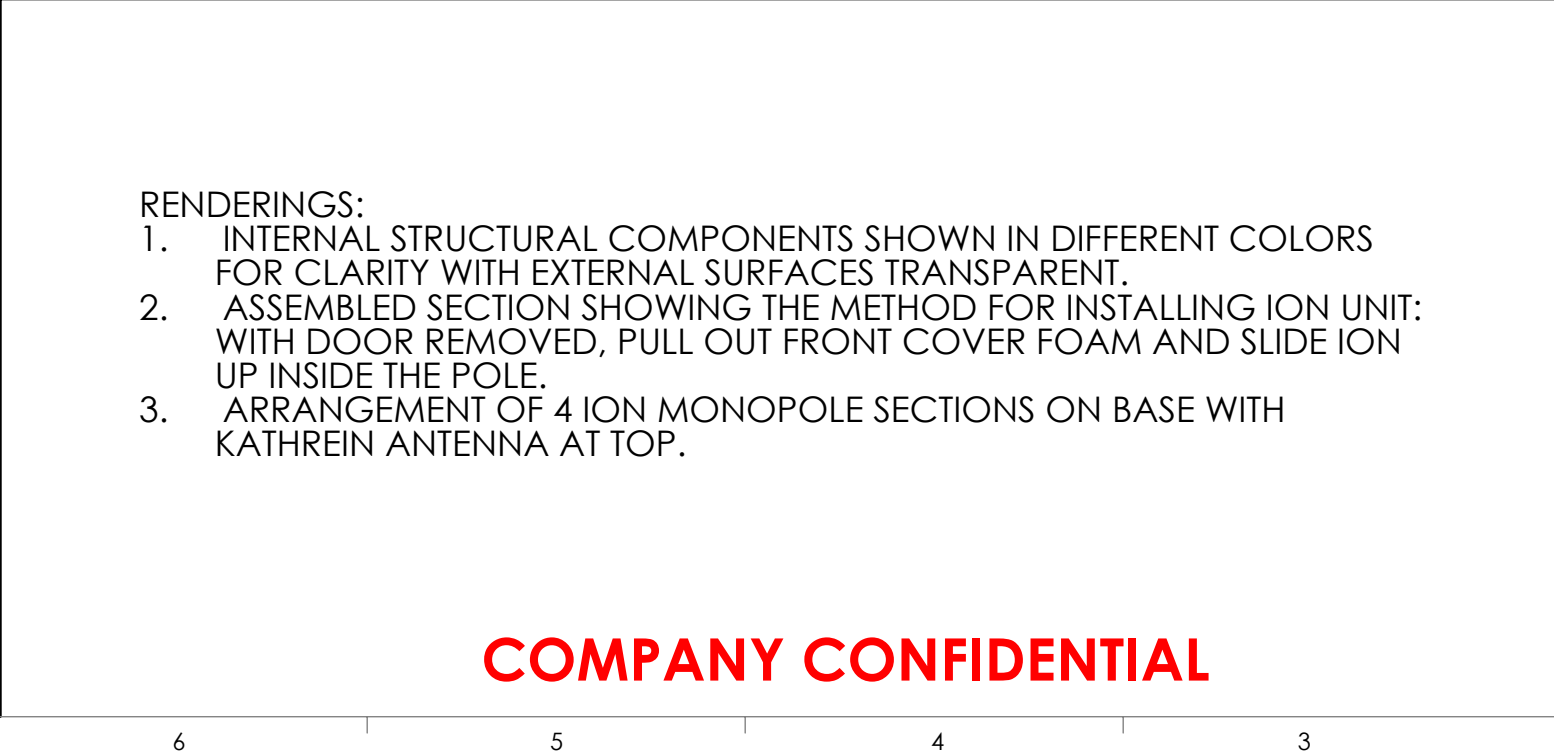
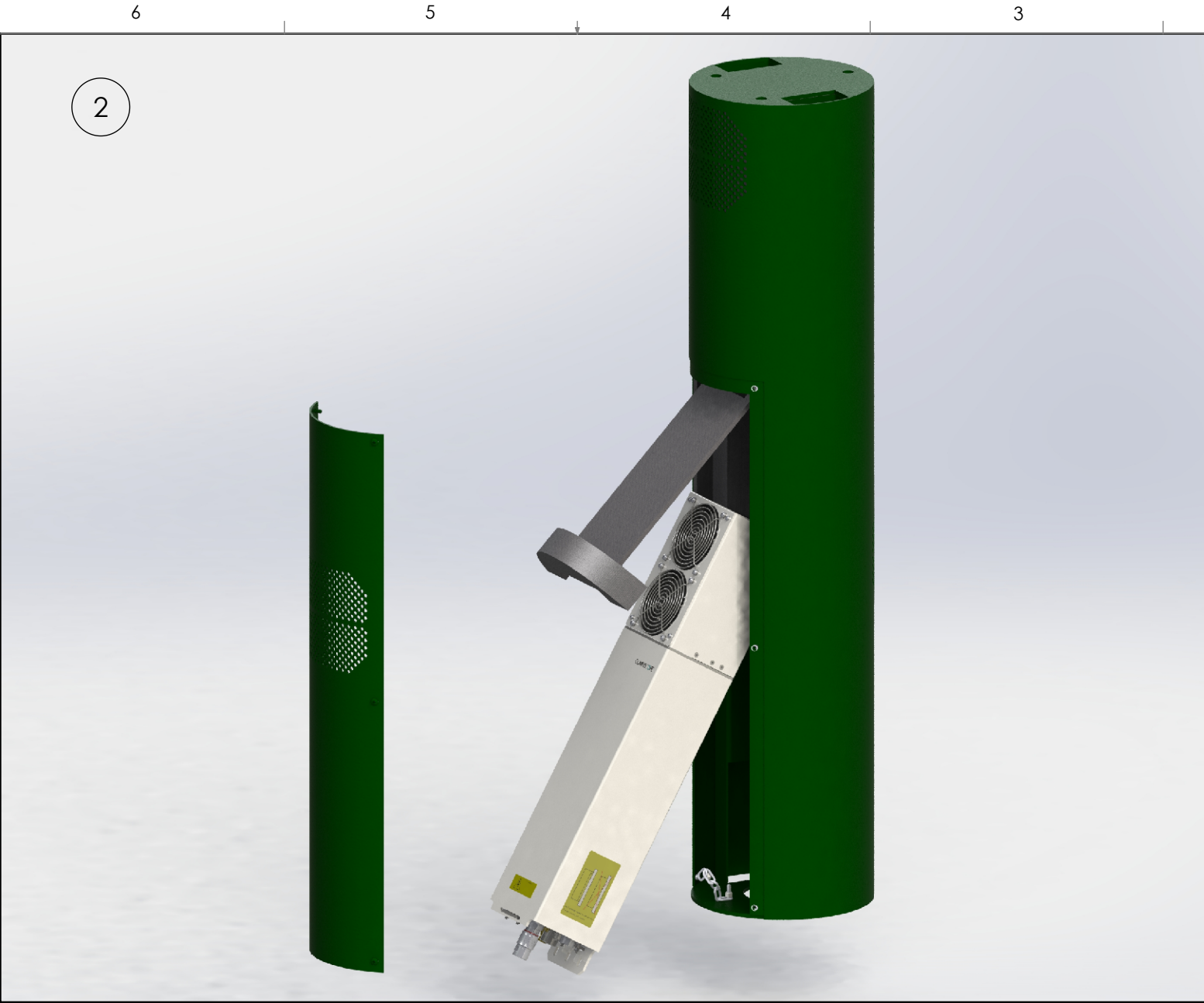
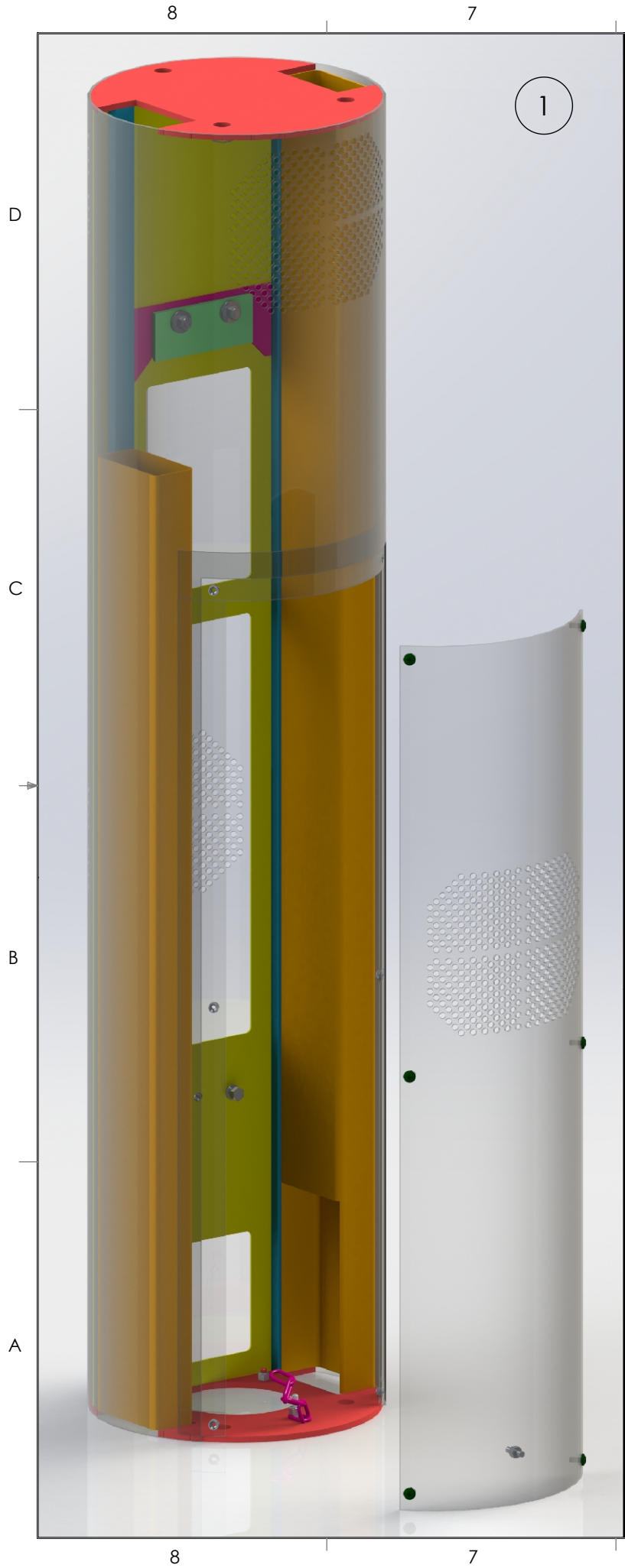
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Consultant:

Sheet Title:
**12" ION
UTILITY POLE
SECTION VIEWS**

Part Number:
001486

SCALE 1:6



- RENDERINGS:
1. INTERNAL STRUCTURAL COMPONENTS SHOWN IN DIFFERENT COLORS FOR CLARITY WITH EXTERNAL SURFACES TRANSPARENT.
 2. ASSEMBLED SECTION SHOWING THE METHOD FOR INSTALLING ION UNIT: WITH DOOR REMOVED, PULL OUT FRONT COVER FOAM AND SLIDE ION UP INSIDE THE POLE.
 3. ARRANGEMENT OF 4 ION MONOPOLE SECTIONS ON BASE WITH KATHREIN ANTENNA AT TOP.

COMPANY CONFIDENTIAL

ConcealFab Corporation

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DECIMAL	ANGLE	FRACTION
X.XX ± 0.020	±1°	±1/16"
X.XXX ± 0.010		

Consultant:

Consultant:

Sheet Title:
**12" ION
UTILITY POLE
RENDERINGS**

Part Number:
001487



C241-GR484

Dark Gray Fine Texture Semi-Gloss



C241-GR07

Gray Fine Texture Semi-Gloss



C241-GR305

Bay Gray Fine Texture Semi-Gloss



T243-GR522

Flint Gray Fine Texture Semi-Gloss



T241-GR11

Platinum Gray Fine Texture Semi-Gloss



T031-WH06

Pearl White Fine Texture Semi-Gloss



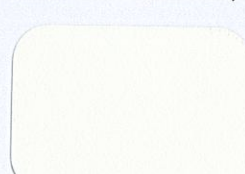
T243-GR301

Quartz Gray Fine Texture Semi-Gloss



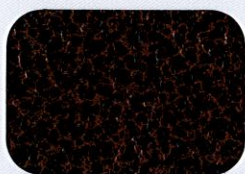
T241-GR142

Light Gray Fine Texture Semi-Gloss



T241-BG137

Beige Fine Texture Semi-Gloss



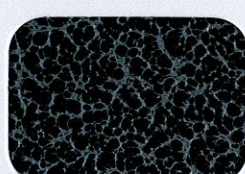
T375-BK07

Copper Vein Semi-Gloss*



T375-BK10

Gold Vein Semi-Gloss*



T375-BK26

Silver Vein Semi-Gloss*



T075-WH34

Black/White Vein Semi-Gloss



T064-BR24

Bronze Hammertone Semi-Gloss



T064-GR660

Gray Hammertone Semi-Gloss



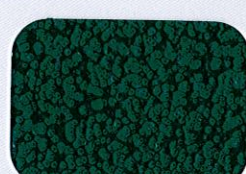
T064-GR05

Silver Hammertone Semi-Gloss



T064-BL95

Blue Hammertone Semi-Gloss



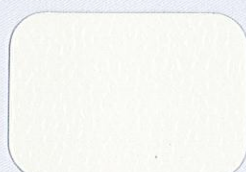
T064-GN81

Green Hammertone Semi-Gloss



C013-GR08

Gray Hammer Semi-Gloss



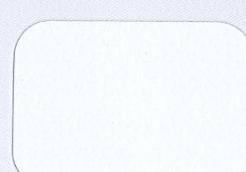
T013-BG38

Beige Hammer Semi-Gloss



T012-WH260

White Hammer Semi-Gloss



T013-WH09

White Hammer Semi-Gloss



T025-BR01

Bronze Pearlescent 50% Gloss



T028-GR02

Steel Gray Pearlescent 80% Gloss



T353-YL02

Brass 30% Gloss*



T357-GR105

Silver Metallic 70% Gloss*



T353-GR06

Silver Metallic 30% Gloss*



T358-GR539

Chrome 80% Gloss*



T391-BG290

Metallic Bronze Semi-Gloss Texture*



T091-GR309

Mock Rock Texture Semi-Gloss



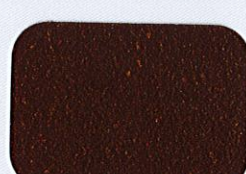
C291-GN20

Patina Texture Semi-Gloss



T091-GN57

Verdigris Texture Semi-Gloss

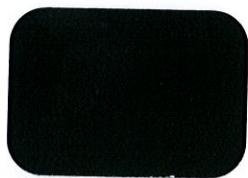


T091-BR47

Rust Texture Semi-Gloss

Computer Colors

Specialty Coatings



C241-BK303
Black Fine Texture Low-Gloss



C081-BK176
Black Wrinkle Semi-Gloss



E311-BK04
Black Hammer Low-Gloss**



T013-BK62
Black Hammer Semi-Gloss



T032-BR62
Brown Fine Texture Semi-Gloss



P004-BR23
Bronze 40% Gloss



P004-GR09
ANSI #49 Gray 40% Gloss



P004-GR16
ANSI #61 Gray 40% Gloss



H305-GR10
Light Gunmetal Gray 50% Gloss**



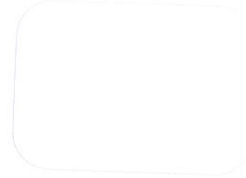
P003-GR01
Gray #26307 30% Gloss



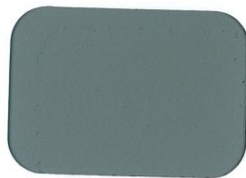
H303-WH16
Antique White 30% Gloss**



P005-WH01
White #27875 50% Gloss



T002-WH08
White 20% Gloss



T008-GR736
Gray ANSI 61 80% Gloss



P008-GR21
RAL 7042 Gray 80% Gloss



T009-GR230
RAL 7035 Gray 90% Gloss



T009-WH13
White 90% Gloss



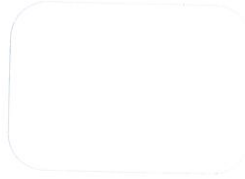
P009-WH14
White 90% Gloss



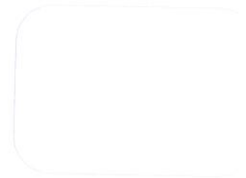
H309-WH27
Frost White 90% Gloss**



T032-BG03
Beige Texture Semi-Gloss



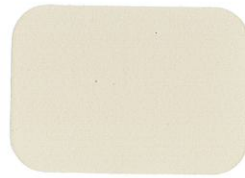
T032-WH15
White Texture Semi-Gloss



C031-WH120
White Texture Semi-Gloss



T009-BG16
Designer Beige 90% Gloss



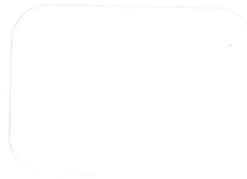
P009-BG02
Beige 90% Gloss



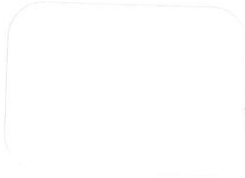
T009-BG01
Almond 90% Gloss



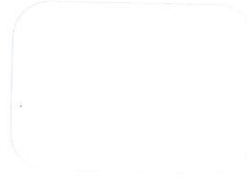
H308-WH25
White 80% Gloss**



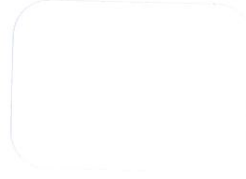
P009-WH04
White 90% Gloss



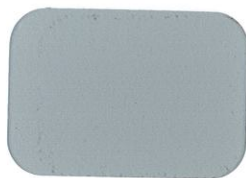
T009-WH11
White 90% Gloss



T009-WH12
Hi-Reflective White 90% Gloss



T007-WH121
White 70% Gloss



E305-GR533
Gray Primer 50% Gloss**



E305-WH243
White Primer 50% Gloss**



H304-GR312
Anti-Gassing Primer 40% Gloss**



E396-GR1372
Zinc Rich Primer

If a clear topcoat finish is preferred
T209-CL01 90% Gloss Clear TGIC Polyester
T002-CL02 20% Gloss Clear TGIC Polyester

The samples on this card are representative only and vary slightly from actual gloss, color and texture.

0 30' 60'

SCALE: 1" = 30'

LOT 5
OCEAN BEACH FLORIDA
ADDITION NO. 3
BLOCK 101
PLAT BOOK 2, PG. 81

6" CHAINLINK FENCE

PROPOSED DAS
NODE 5_18
LAT: 25°46'16.648"N
LON: 80°08'18.722"W
X: 939667.711
Y: 523493.028

TRAFFIC BOX

70' PUBLIC RIGHT-OF-WAY

SURVEYOR'S NOTES

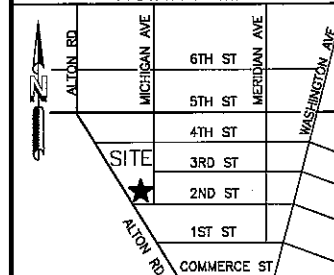
1. This is a Right-of-Way Survey, made on the ground under the supervision of a Florida Registered Land Surveyor. Date of field survey is March 16, 2016.
2. The following surveying instruments were used at time of field visit: Nikon NPL-352, Total Station, Reflectorless and Hiper + Legacy E RTK, GD 1HZ.
3. Bearings are based on Florida East State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID AC2231. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Right-of-Way Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted without the benefit of an Abstract Title search.
9. Surveyor hereby states the Geodetic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 20 feet horizontally and to within +/- 3 feet vertically (FAA Accuracy Code 1A).
10. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "A" Survey.
11. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1':15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
12. This survey is not valid without the original signature and the original seal of a state licensed surveyor and mapper.
13. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.

DAS NODE INFO

LATITUDE: 25°46'16.648" NORTH
LONGITUDE: 80°08'18.722" WEST
(NAD 83)

GROUND ELEVATION: 2.4'
ABOVE MEAN SEA LEVEL (NAVD88)

VICINITY MAP



NOT TO SCALE

FLORIDA EAST

GRID NORTH
GRID TO TRUE NORTH
CONVERGENCE
0°22'

TRUE NORTH TO MAGNETIC
DECLINATION
6°34' W

COMBINED SCALE FACTOR
1.000033327

LEGEND

- = 5/8" REBAR SET
- = FOUND PROPERTY CORNER
- ⊕ = FOUND P.K. NAIL
- POB = POINT OF BEGINNING
- POC = POINT OF COMMENCEMENT
- POE = POINT OF ENDING
- ▲ = CALCULATED POINT
- (R) = REFERENCED INFORMATION
- (M) = MEASURED
- ☼ = LIGHT POLE
- ⊞ = TRAFFIC HANDHOLE
- ⊞ = TELEPHONE HANDHOLE
- ⊞ = ELECTRIC HANDHOLE
- ⊞ = SIGN
- ⊞ = FIRE HYDRANT
- ⊞ = WATER VALVE
- ⊞ = WATER METER
- ⊞ = HARDWOOD TREE
- = RIGHT-OF-WAY
- = CENTER LINE

FLOOD NOTE

By graphic plotting only, the subject property appears to lie in Zone "AE" of the Flood Insurance Rate Map Community Panel No. 12086C0319L, which bears an effective date of 09/11/2009 and is in a special flood hazard area. Zone AE: Base Flood Elevation is 8', more or less, per the FIRM.

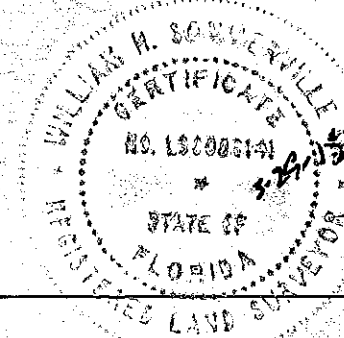
5_18

FRACT. SEC. 3, T-54-S, R-42-E
DADE COUNTY, FLORIDA

SURVEYOR'S CERTIFICATION

I certify that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Florida to the best of my knowledge, information, and belief.

William H. Sommerville, III
Florida License No. 0006141



RIGHT-OF-WAY SURVEY

SMW Engineering Group, Inc.

158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-6985
www.smweng.com

AW SOLUTIONS

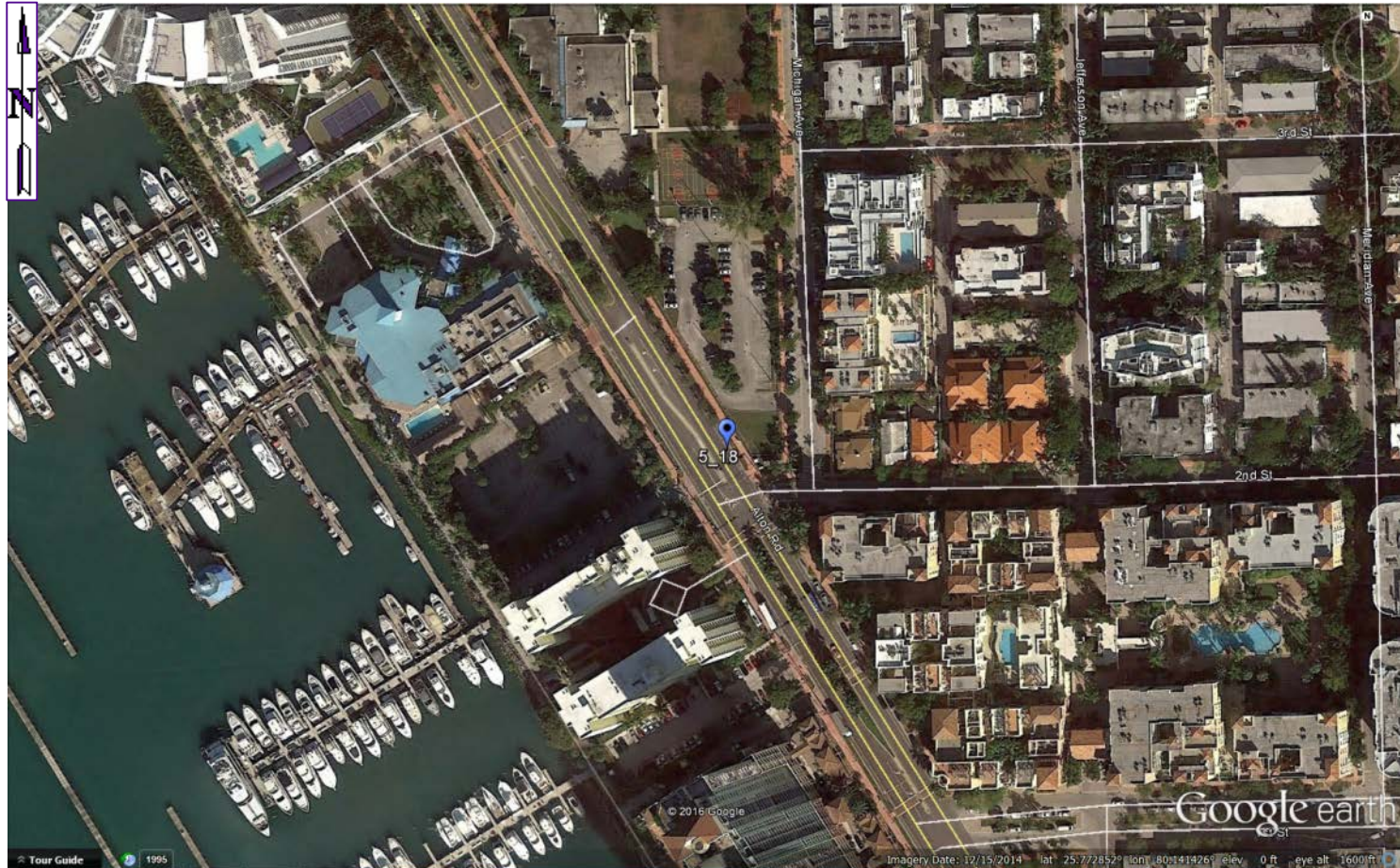
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LONGWOOD, FL 32750

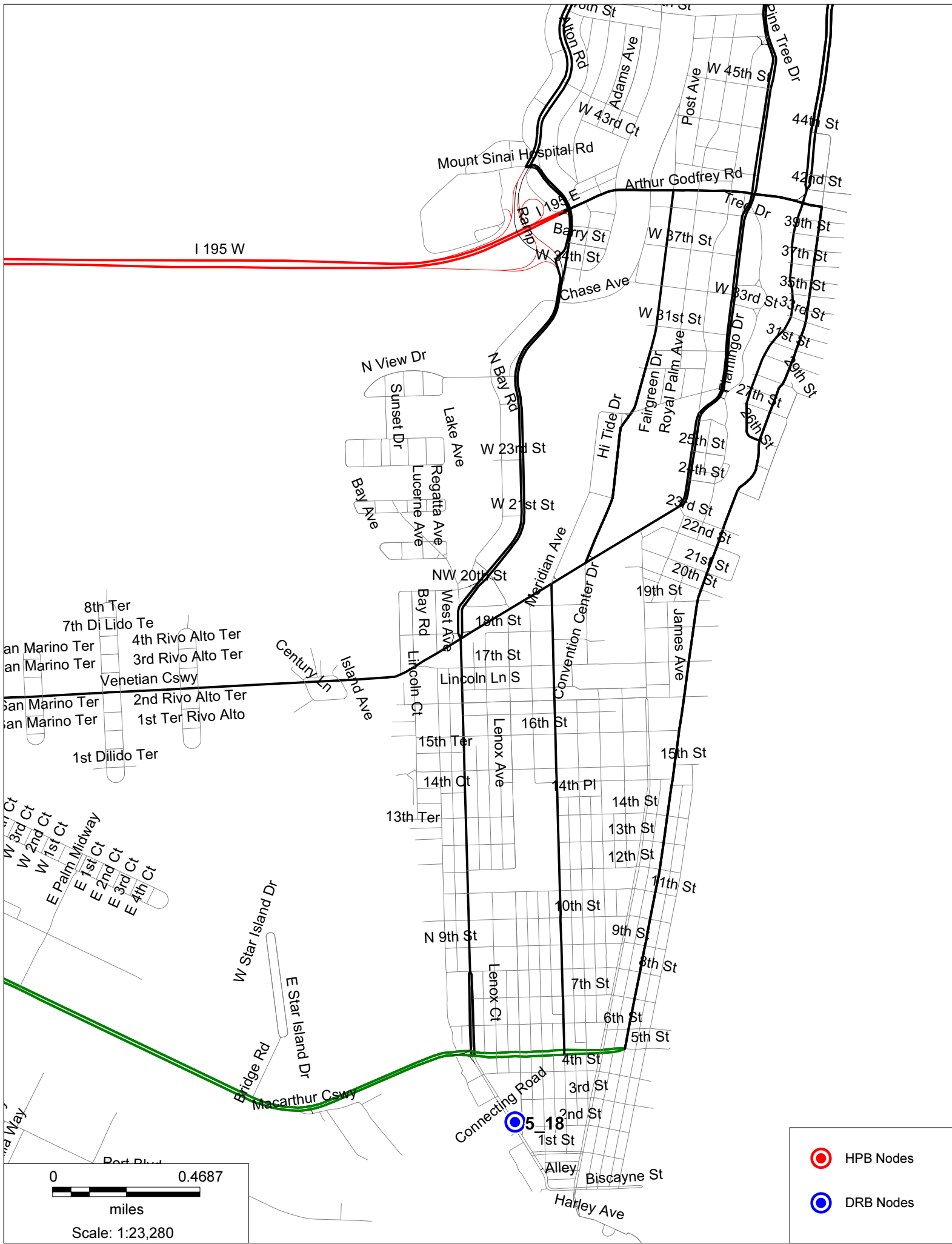
ENGINEERING GROUP, INC.

5_18

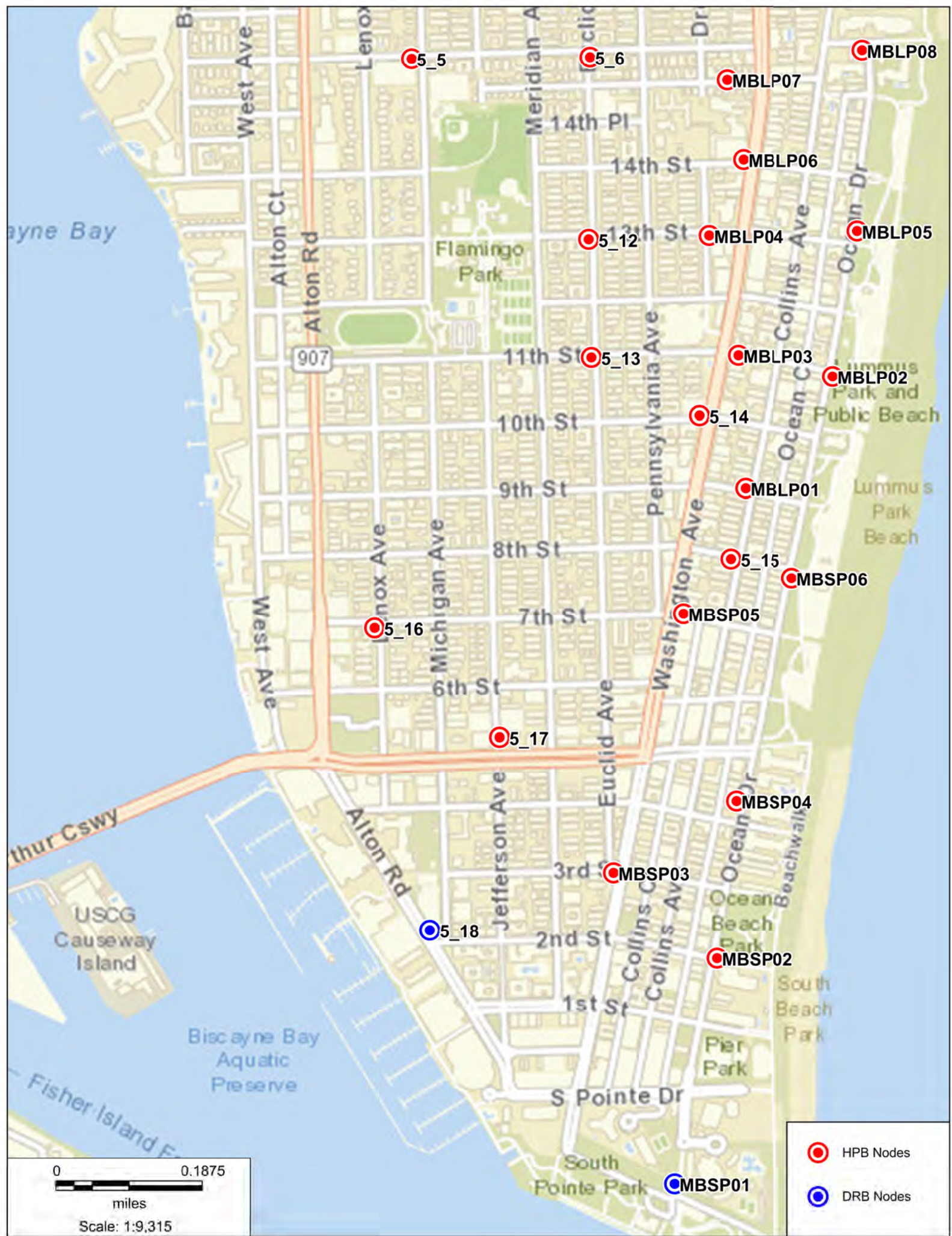
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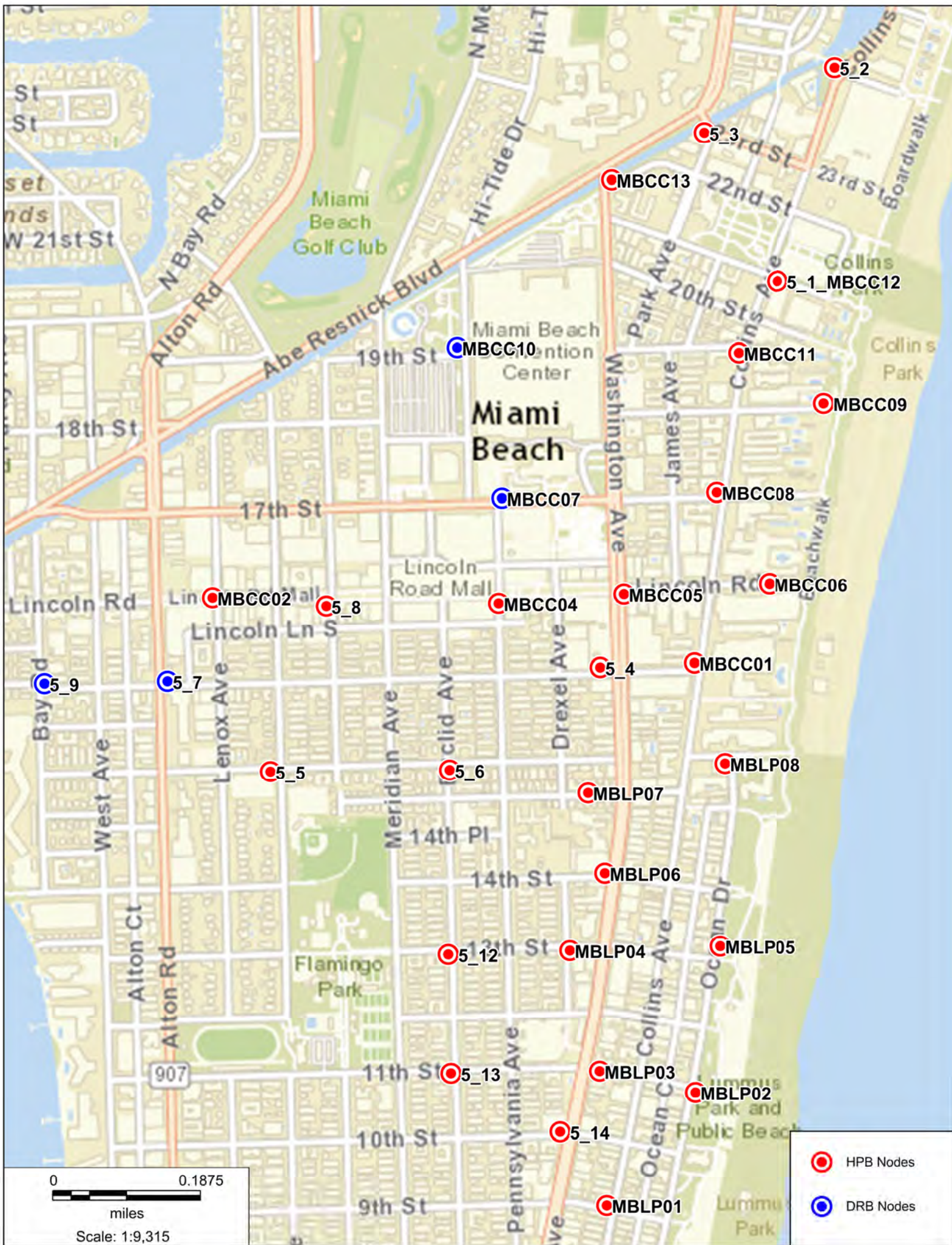
Aerial View

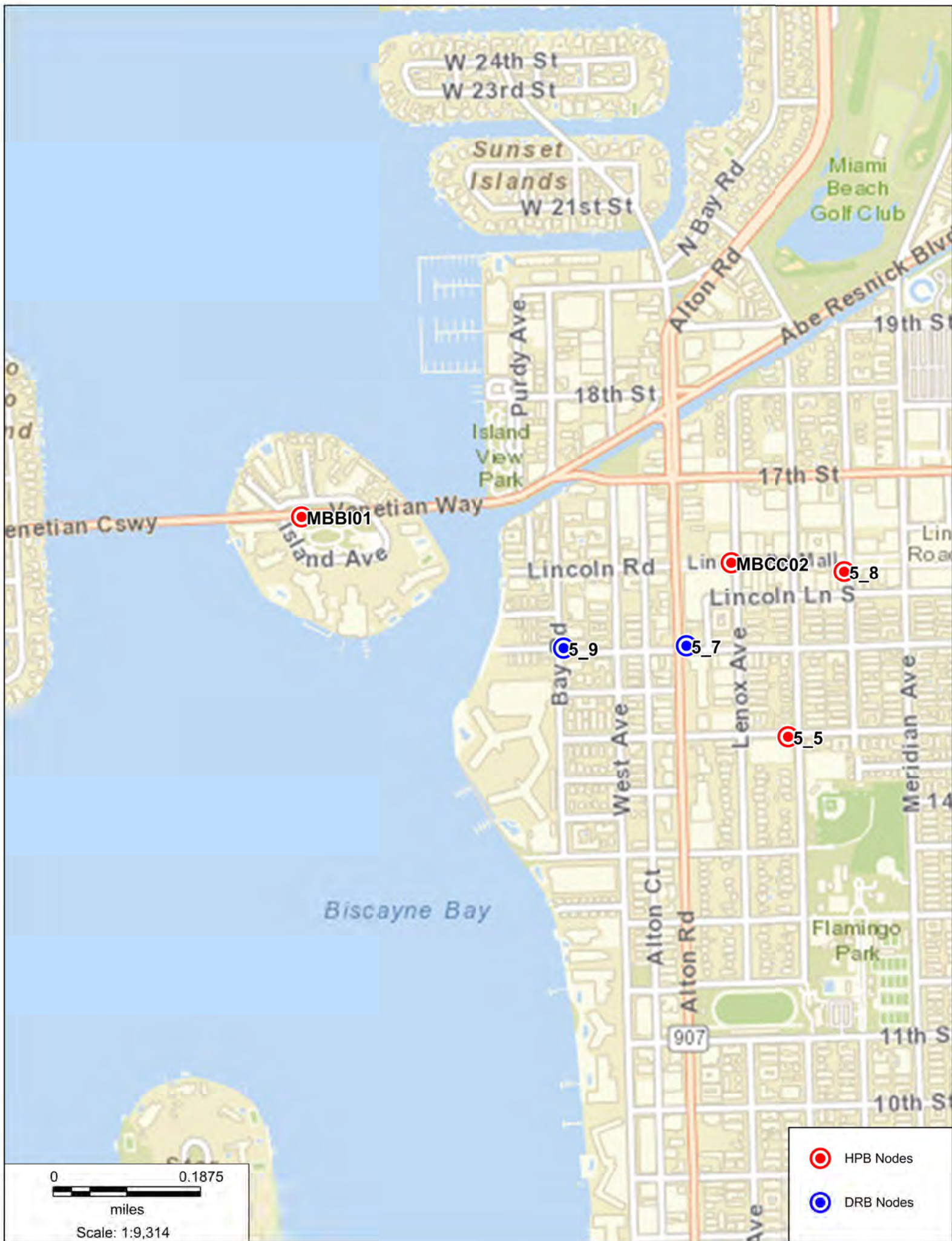


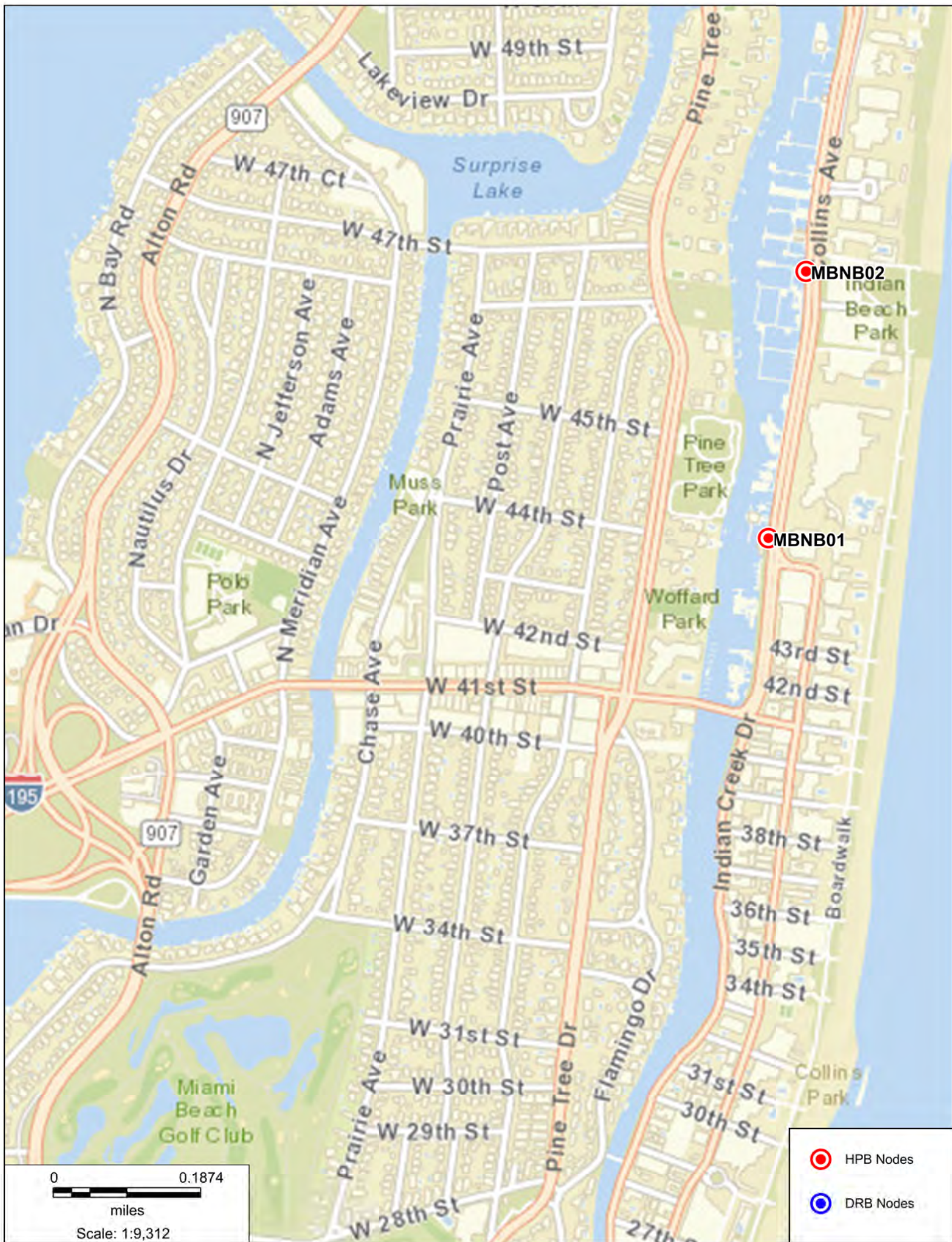




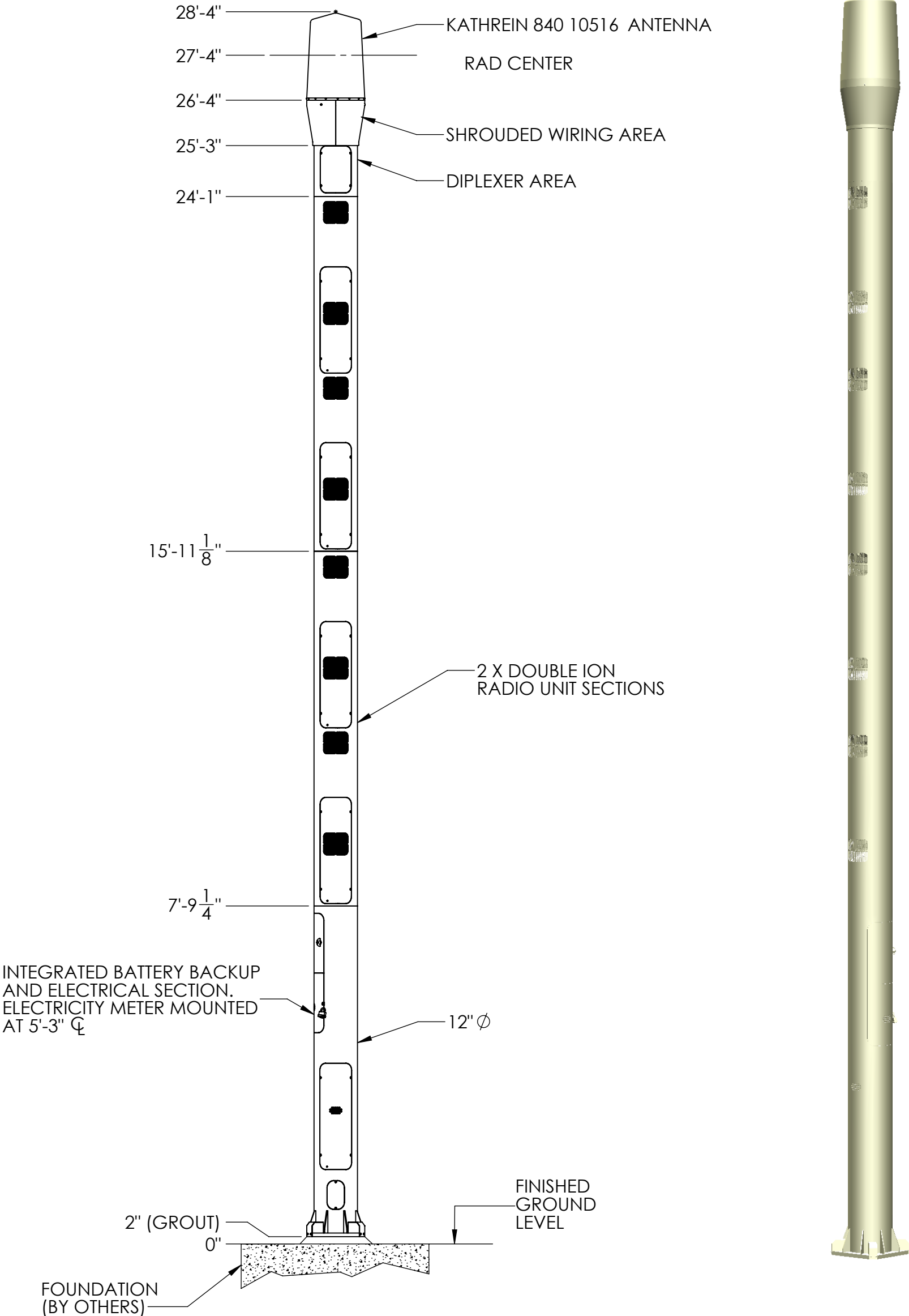








PROPRIETARY



SCALE 1:30



3265 FILLMORE RIDGE HEIGHTS
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PHONE :719-599-3400
FAX: 719-599-0057

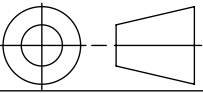
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Rev:	Date:	Description:	By:
A	09/16/13	NEW RELEASE	OBC
B	10/04/13	REVISED DIMENSIONS	OBC
C	11/04/13	UPDATED WIRING AREA & ION SECTIONS	OBC
D	12/06/13	UPDATED MODEL & MADE PORTRAIT	OBC
E	06/02/14	ADDED SHADED VIEW	OBC

Project:

12" DIAMETER ION UTILITY POLE

DO NOT SCALE DWG



DIMENSIONS ARE IN INCHES

DECIMAL X.XX ± 0.020 X.XXX ± 0.010	ANGLE ±1°	FRACTION ±1/16"
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Consultant:

Sheet Title:

12" DIAMETER ION UTILITY POLE EXTERNAL DIMENSIONS

Consultant:

Part Number:

001705