

## **VERIZON WIRELESS SITE NAME / GOZER NUMBER SPECTRASITE COPPOLA / #68126**

ANTENNA MODIFICATION PLAN



VERIZON WIRELESS 777 YAMATO ROAD, STE 600 BOCA RATON, FLORIDA 33431 CONTACTS



\*\*\*CAUTION\*\*\*

FOR EMERGENCIES CALL: 911

| SHEET | DESCRIPTION                         | REV |
|-------|-------------------------------------|-----|
| T-1   | COVER SHEET                         | 0   |
| C-1   | TOWER ELEVATION AND ANTENNA DETAILS | 0   |
| C-2   | RF AND GENERAL NOTES                | 0   |
| C-3   | SITE PLAN                           | 0   |
|       |                                     |     |
| SHE   | FT INDFX                            |     |

SITE DATA: LATITUDE: LONGITUDE:

26' 19' 00.33" NORTH 80' 10' 39.53" WEST

6933 NW 39TH AVENUE POMPANO BEACH, FL 33073

PARCEL ID:

DESIGN DATA:

FLORIDA BLDG. CODE 2010 (WITH 2012 SUPPLEMENTS) (FBC) & TIA/EIA 222-G-2 (TIA/EIA)

COMPOUND WIND SPEED: 170 MPH (PER FBC)

TOWER WIND SPEED:

170 MPH (PER FBC)
132 MPH (PER FBC & TIA/EIA AS
ALLOWED BY FBC SECTION 1609.1.1, EXCEPTION
#5. PER FBC SECTION 1609.3.1, WND SPEED
SHALL BE BASED ON AN ULTIMATE 3-SECOND GUST
WIND SPEED CONVERTED TO A NOMINAL 3-SECOND
GUST WIND SPEED FOR USE WITH TIA/EIA)

EXPOSURE CATEGORY: RISK CATEGORY:

INTERNAL PRESSURE COEF.: N/A
COMPONENT & CLADDING WIND PRESSURES: N/A

PROJECT DATA

**FORESITE** 

Foresite Group, Inc. 10150 Highland Manor Dr.

Tampa, FL 33610

STATE OF SONAL ENTILLIST

**SPECTRASITE COPPOLA** #68126

07/07/14

6933 NW 39TH AVENUE POMPANO BEACH, FL 33073

DEVELOPER:

REVISIONS

VERIZON WIRELESS

777 YAMATO DRIVE SUITE 600 BOCA RATON, FL 33431

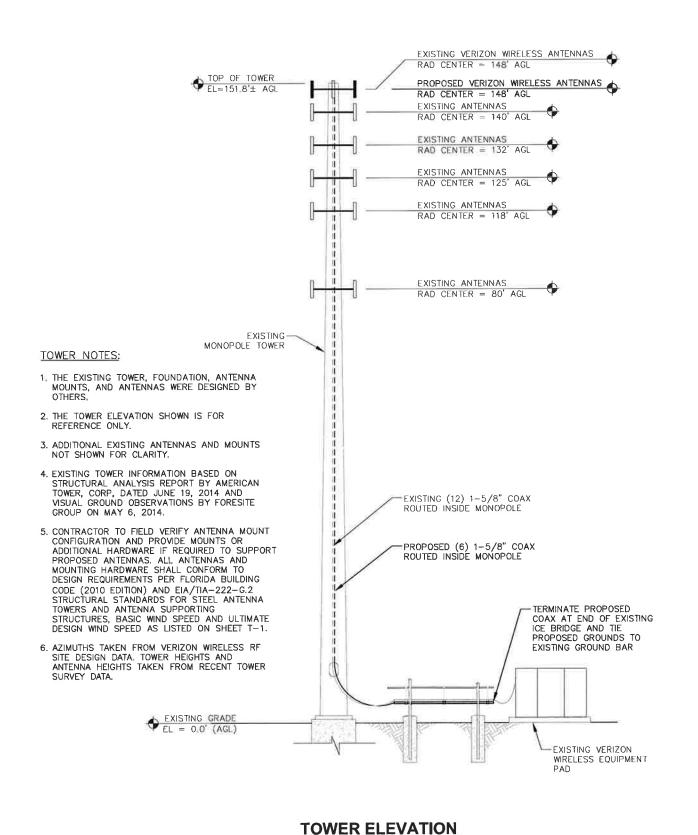
PERMIT ISSUED FOR:

PROJECT MANAGER: HOR DRAWING BY: 07/07/14 TITLE:

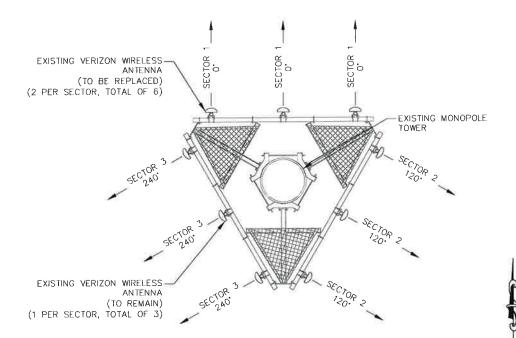
> **COVER** SHEET

DATE

SHEET NUMBER: T-1 JOB/FILE NUMBER: 300.016

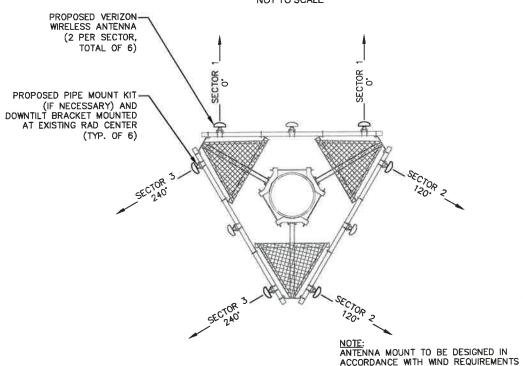


NOT TO SCALE



#### **EXISTING ANTENNA MOUNT & ORIENTATION DETAIL**

NOT TO SCALE



## PROPOSED ANTENNA MOUNT & ORIENTATION DETAIL

NOT TO SCALE

OF FLORIDA BUILDING CODE AND ALL

APPLICABLE CODES.

# **FORESITE**

FL CA 26115 Foresite Group, Inc 10150 Highland Manor Dr. 0 | 813.549.3250 Suite 210 Tampa, FL 33610

f i 813,621,3580

SEAL:

No. 72410 SIATE OF SIA

SPECTRASITE **COPPOLA** #68126

> LOCATED AT: 6933 NW 39TH AVENUE POMPANO BEACH, FL 33073

DEVELOPER:

REVISIONS

**VERIZON WIRELESS** 

777 YAMATO DRIVE SUITE 600 BOCA RATON, FL 33431

ISSUED FOR: PERMIT HOR PROJECT MANAGER: KJV DRAWING BY: 07/07/14 DATE:

> TOWER ELEVATION AND ANTENNA **DETAILS**

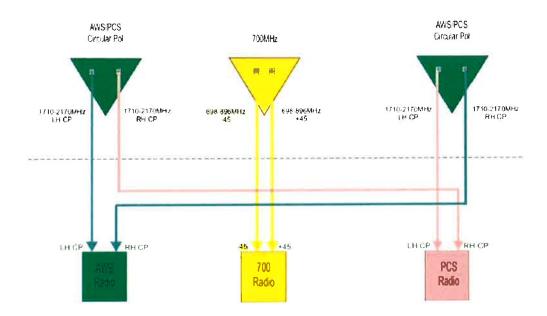
SHEET NUMBER: C-1JOB/FILE NUMBER: 300.016

#### GENERAL NOTES:

- 1. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT. THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE AND/OR COUNTY IN WHICH IT IS TO BE PERFORMED.
- 2. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS
- 4. ALL DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE OWNER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED.
- 5. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE.

#### STRUCTURAL NOTE:

1, DESIGN REQUIREMENTS PER FLORIDA BUILDING CODE (2010 EDITION) AND THE EIA/TIA-222-G.2 STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES. BASIC WIND SPEED AND ULTIMATE DESIGN WIND SPEED AS LISTED ON SHEET T-1.



#### **SECTOR CONFIGURATION (OPTION 1)**

NOT TO SCALE

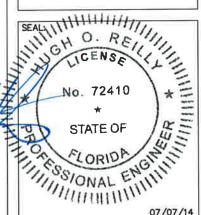
| ANTENNA & COAX CABLE SCHEDULE INFORMATION |                                 |               |                       |                        |         |                         |              |                     |                           |                           |                                  |
|---|---------------------------------|---------------|-----------------------|------------------------|---------|-------------------------|--------------|---------------------|---------------------------|---------------------------|----------------------------------|
| SECTOR                                    | EXISTING/<br>PROPOSED           | RAD<br>CENTER | ANTENNA<br>TIP HEIGHT | MECHANICAL<br>DOWNTILT | AZIMUTH | ANTENNA<br>MANUFACTURER | ANTENNA TYPE | ANTENNA<br>QUANTITY | COAX LABEL<br>COLOR/BANDS | COAXIAL CABLE<br>DIAMETER | PROPOSED COAXIAL<br>CABLE LENGTH |
| 1   | EXISTING<br>(TO BE<br>REPLACED) | 146' 149'     | 4.40'                 | 01                     | 0.      | KATHREIN<br>SCALA       | P17902_4     | 2                   | RED-1 (PCS)               | 1-5/8"                    | (EXISTING)                       |
|   |                                 |               | 149                   | 0,                     |         |                         |              |                     | RED-2 (PCS)               | 1-5/8"                    | (EXISTING)                       |
|   | EXISTING<br>(TO REMAIN)         | 148'          | 151                   | 0.                     | 0,      | CSS                     | X7-665-4     | 1                   | RED-3 (LTE)               | 1-5/8"                    | (EXISTING)                       |
|   |                                 |               |                       |                        |         |                         |              |                     | RED-4 (LTE)               | 1-5/8"                    | (EXISTING)                       |
|   | PROPOSED                        | 148'          | 151                   | 0.                     | 0.      | CSS                     | AXP19-60-2   | 2                   | RED-5 (AWS)               | 1-5/8"                    | 180'±                            |
|   |                                 |               | 151                   |                        |         |                         |              |                     | RED-6 (AWS)               | 1-5/8"                    | 180'±                            |
| 2   | EXISTING<br>(TO BE<br>REPLACED) | 146' 149'     | 140'                  | 0.                     | 120'    | KATHREIN<br>SCALA       | P17902_4     | 2                   | BLUE-1 (PCS)              | 1-5/8"                    | (EXISTING)                       |
|   |                                 |               | 149                   | U                      |         |                         |              |                     | BLUE-2 (PCS)              | 1-5/8"                    | (EXISTING)                       |
|   | EXISTING<br>(TO REMAIN)         | 148' 151'     | 0.                    | 120*                   | CSS     | X7-665-4                | 1            | BLUE-3 (LTE)        | 1-5/8"                    | (EXISTING)                |                                  |
|   |                                 |               | 131                   | U U                    | 120     | C55                     | X7=003=4     |                     | BLUE-4 (LTE)              | 1-5/8"                    | (EXISTING)                       |
|   | PROPOSED                        | 148' 151'     | 151'                  | 0.                     | 120*    | css                     | AXP19-60-2   | 2                   | BLUE-5 (AWS)              | 1-5/8"                    | 180'±                            |
|   |                                 |               | 131                   | 0                      |         |                         |              |                     | BLUE-6 (AWS)              | 1-5/8"                    | 180'±                            |
| 3   | EXISTING<br>(TO BE<br>REPLACED) | 146' 149'     | 1.40                  | 0.                     | 240°    | KATHREIN                | P179024      | 2                   | GREEN-1 (PCS)             | 1-5/8"                    | (EXISTING)                       |
|   |                                 |               | 0.                    | 240                    | SCALA   | F17902_4                |              | GREEN-2 (PCS)       | 1-5/8"                    | (EXISTING)                |                                  |
|   | EXISTING<br>(TO REMAIN)         | 148' 151"     | 15490                 | 0.                     | 0.40    | 000                     | W7. 805. 4   |                     | GREEN-3 (LTE)             | 1-5/8"                    | (EXISTING)                       |
|   |                                 |               | 0.                    | 240*                   | CSS     | X7-665-4                | '            | GREEN-4 (LTE)       | 1-5/8"                    | (EXISTING)                |                                  |
|   | PROPOSED                        | 148'          | 454                   | 0.                     | 240     | css                     | AXP19-60-2   | 2                   | GREEN-5 (AWS)             | 1-5/8"                    | 180'±                            |
|   |                                 |               | 151'                  |                        |         |                         |              |                     | GREEN-6 (AWS)             | 1-5/8"                    | 180'±                            |
|   |                                 |               |                       | 4                      |         |                         |              |                     | TOTAL PROPOSE             | D COAX LENGTH             | 1080'±                           |

#### **RF AWS DATA**

- 1. MARKING TAPE MUST BE APPLIED AT TOP OF FEED LINES AND AT BASE OF TOWER.
- CHECK ALL ANTENNA INFO WITH VERIZON WIRELESS PRIOR TO CONSTRUCTION.
- 3. DESIGN REQUIREMENTS FOR ANTENNA, SUPPORTING STRUCTURES, EQUIPMENT CABINETS, AND PPC CABINETS PER FLORIDA BUILDING CODE (LATEST EDITION) WIND SPEED REQUIREMENTS AS LISTED ON SHEET T-1.

w | www.fg-inc.net

Foresite Group, Inc. 10150 Highland Manor Dr. | 0 | 813.549.3250 Suite 210 | | 13.621.3580 Tampa, FL 33610



PROJECT:

### SPECTRASITE COPPOLA #68126

6933 NW 39TH AVENUE POMPANO BEACH, FL 33073

07/07/14

DATE

DEVELOPER:

REVISIONS

#### VERIZON WIRELESS

777 YAMATO DRIVE SUITE 600 BOCA RATON, FL 33431

| ISSUED FOR:      | PERMI   |  |  |  |
|------------------|---------|--|--|--|
| PROJECT MANAGER: | HOI     |  |  |  |
| DRAWING BY:      | KJ,     |  |  |  |
| DATE:            | 07/07/1 |  |  |  |
| TITLE:           |         |  |  |  |

RF AND GENERAL NOTES

300.016

SHEET NUMBER: C-2JOB/FILE NUMBER:

