



MI60XC004-A COCONUT CREEK GOVERNMENT CENTER

4800 W COPANS ROAD
COCONUT CREEK, FL 33063

2.5GHz EQUIPMENT DEPLOYMENT

REV	DATE	DESCRIPTION
A	5/15/14	PRELIMINARY
O	8/7/14	FOR PERMIT

PROJECT NO.: 140-905.02
 DRAWN BY: O. JOHNSON
 CHECKED BY: M. ABBEY

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CALTROP Telecom
 3400 LAKESIDE DRIVE
 SUITE 525
 MIRAMAR, FL 33027
 CERTIFICATE OF AUTHORIZATION 29214

Sprint
 6391 SPRINT PARKWAY
 OVERLAND PARK, KS 66251
 (913) 315-8081

PROFESSIONAL ENGINEER
 MICHAEL A. PHILLIPS
 LICENSE No. 68312
 STATE OF FLORIDA
 DATE OF SIGNATURE: 8/7/14

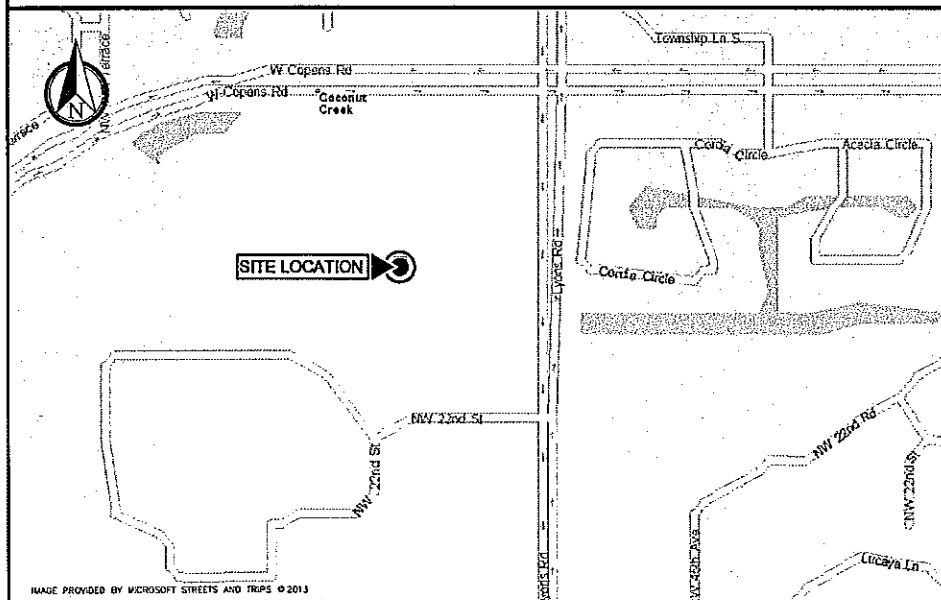
MI60XC004-A
COCONUT CREEK
GOVERNMENT CENTER

4800 W COPANS ROAD
COCONUT CREEK, FL 33063

SHEET NAME
TITLE SHEET

SHEET NUMBER
T1

LOCAL MAP



PROPERTY SUMMARY

FOLIO
4842 19 08 2220

PROPERTY OWNER
CITY OF COCONUT CREEK
4800 W COPANS ROAD
COCONUT CREEK, FL 33063

LATITUDE
26.258167 N

LONGITUDE
80.187714 W

ZONING JURISDICTION
CITY OF COCONUT CREEK

SPRINT ZONING MANAGER
JASON LASKEY
(305) 321-5655

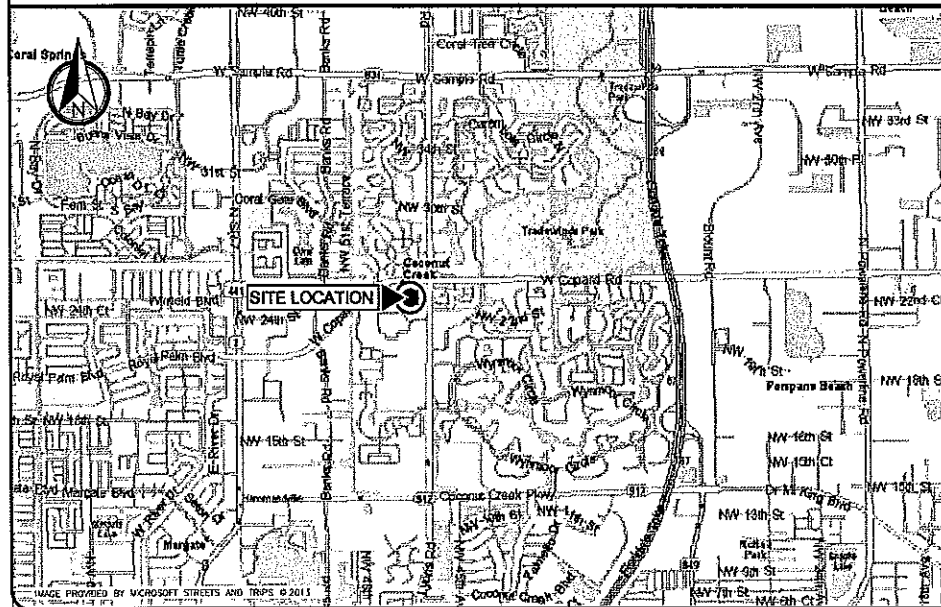
PROJECT DESCRIPTION

1. THE WIRELESS COMMUNICATIONS FACILITY IS NOT INTENDED FOR HUMAN OCCUPANCY.
2. THIS FACILITY DOES NOT REQUIRE POTABLE WATER AND WILL NOT PRODUCE ANY SEWAGE.
3. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
4. THE SCOPE OF WORK CONSISTS OF MODIFYING THE EXISTING WIRELESS INSTALLATION:
 - INSTALLATION OF (3) NEW PANEL ANTENNAS
 - INSTALLATION OF (3) NEW RRUS (REMOTE RADIO UNITS)
 - INSTALLATION OF (1) NEW HYBRID CABLE
 - INSTALLATION OF (1) NEW DISTRIBUTION UNIT

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION	REV. NO.
T1	TITLE SHEET	0
T2	SPRINT SPECIFICATIONS	0
T3	SPRINT SPECIFICATIONS	0
C1	COMPOUND PLAN	0
C2	ELEVATION	0
C3	ANTENNA LAYOUTS	0
C4	DETAILS	0
C5	DETAILS	0
E1	GROUNDING DETAILS AND NOTES	0

VICINITY MAP



DESIGN CRITERIA

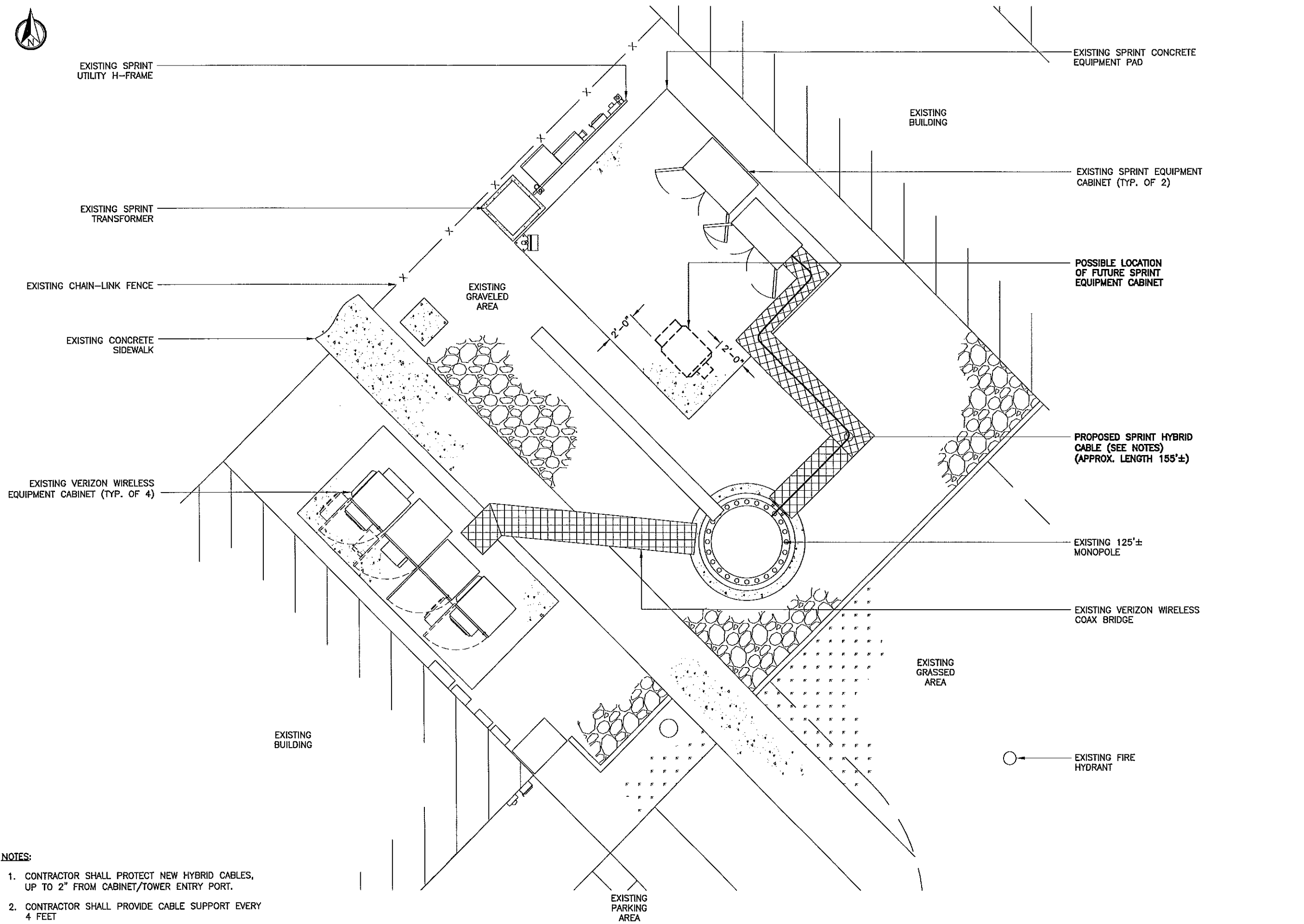
DESIGN WIND SPEED: 170 MPH (ULTIMATE, 3-SECOND GUST)
132 MPH (NOMINAL, 3-SECOND GUST)

EXPOSURE: C
RISK CATEGORY: II
OPEN STRUCTURE

CODE COMPLIANCE

- ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.
1. 2010 FLORIDA BUILDING CODE WITH 2012 SUPPLEMENT.
 2. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70, NATIONAL ELECTRICAL CODE, 2008 EDITION.
 3. TIA-222-G WITH ADDENDUM 1 APPLICABLE STANDARDS.
 4. LIFE SAFETY CODE NFPA-101-2009.
 5. 2010 FLORIDA FIRE PREVENTION CODE.
 6. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360-05 AND 341-05.
 7. UNDERWRITERS LABORATORIES (U.L.) APPROVED ELECTRICAL PRODUCTS.
 8. LOCAL JURISDICTIONAL REQUIREMENTS.
 9. CITY/COUNTY ORDINANCES.

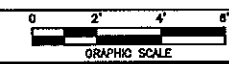
ADMINISTRATIVE APPROVAL 10-20-14
APPROVED
 CALL 8 HOURS BEFORE YOU DIG
 THE LAW!
 432-4770
 SUNSHINE STATE ONE CALL OF FLORIDA, INC.



NOTES:

1. CONTRACTOR SHALL PROTECT NEW HYBRID CABLES, UP TO 2" FROM CABINET/TOWER ENTRY PORT.
2. CONTRACTOR SHALL PROVIDE CABLE SUPPORT EVERY 4 FEET

COMPOUND PLAN



REV	DATE	DESCRIPTION
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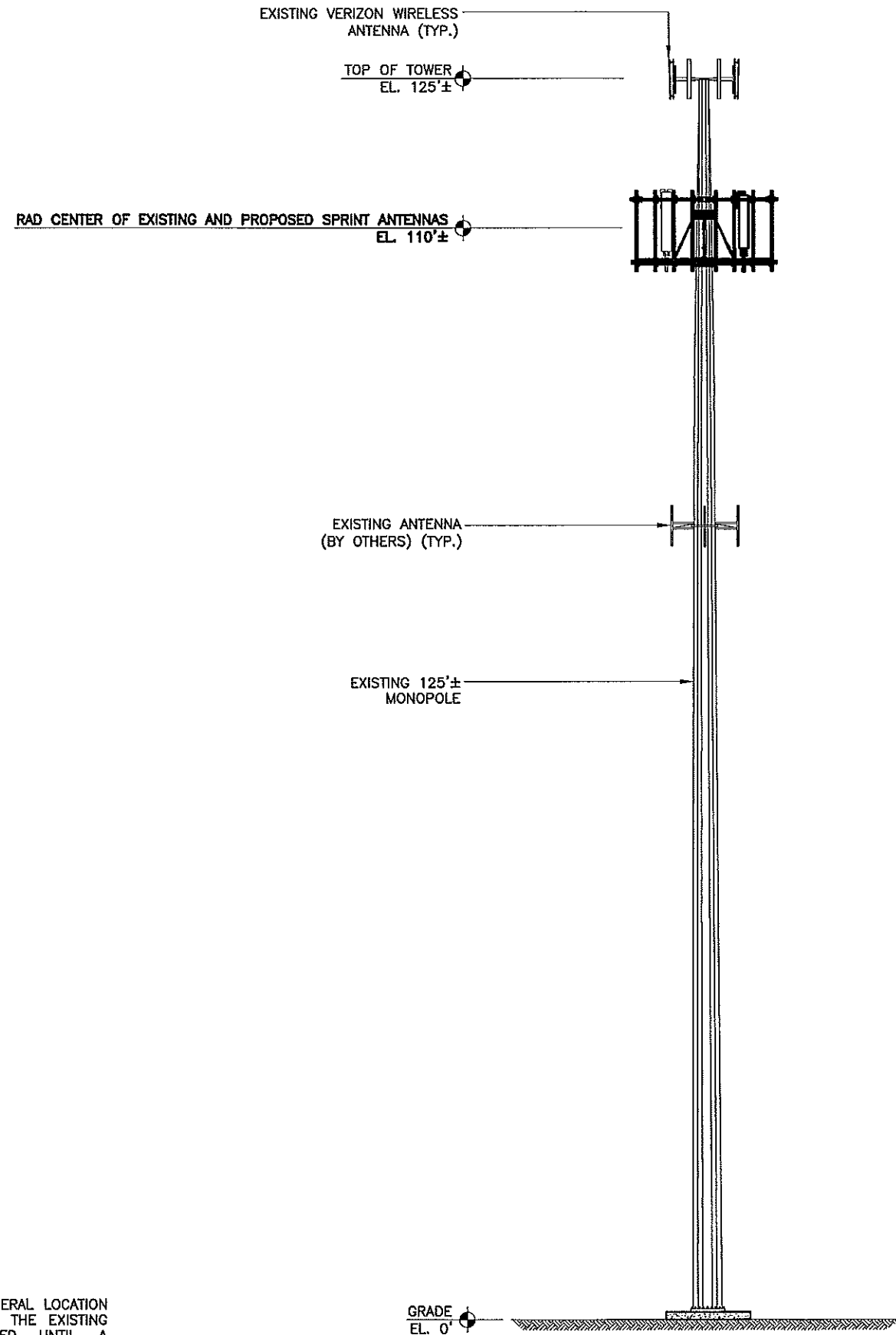
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SHEET NAME
 COMPOUND PLAN

SHEET NUMBER
 C1



NOTE:
 THIS DRAWING IS INTENDED TO DEPICT THE GENERAL LOCATION AND HEIGHT OF THE PROPOSED ANTENNAS ON THE EXISTING TOWER. CONSTRUCTION SHALL NOT PROCEED UNTIL A STRUCTURAL ANALYSIS REPORT HAS BEEN COMPLETED BY A PROFESSIONAL ENGINEER REGISTERED IN THIS STATE, CONCLUDING THAT THE EXISTING TOWER IS STRUCTURALLY ADEQUATE TO RESIST THE EXISTING AND PROPOSED LOADS.

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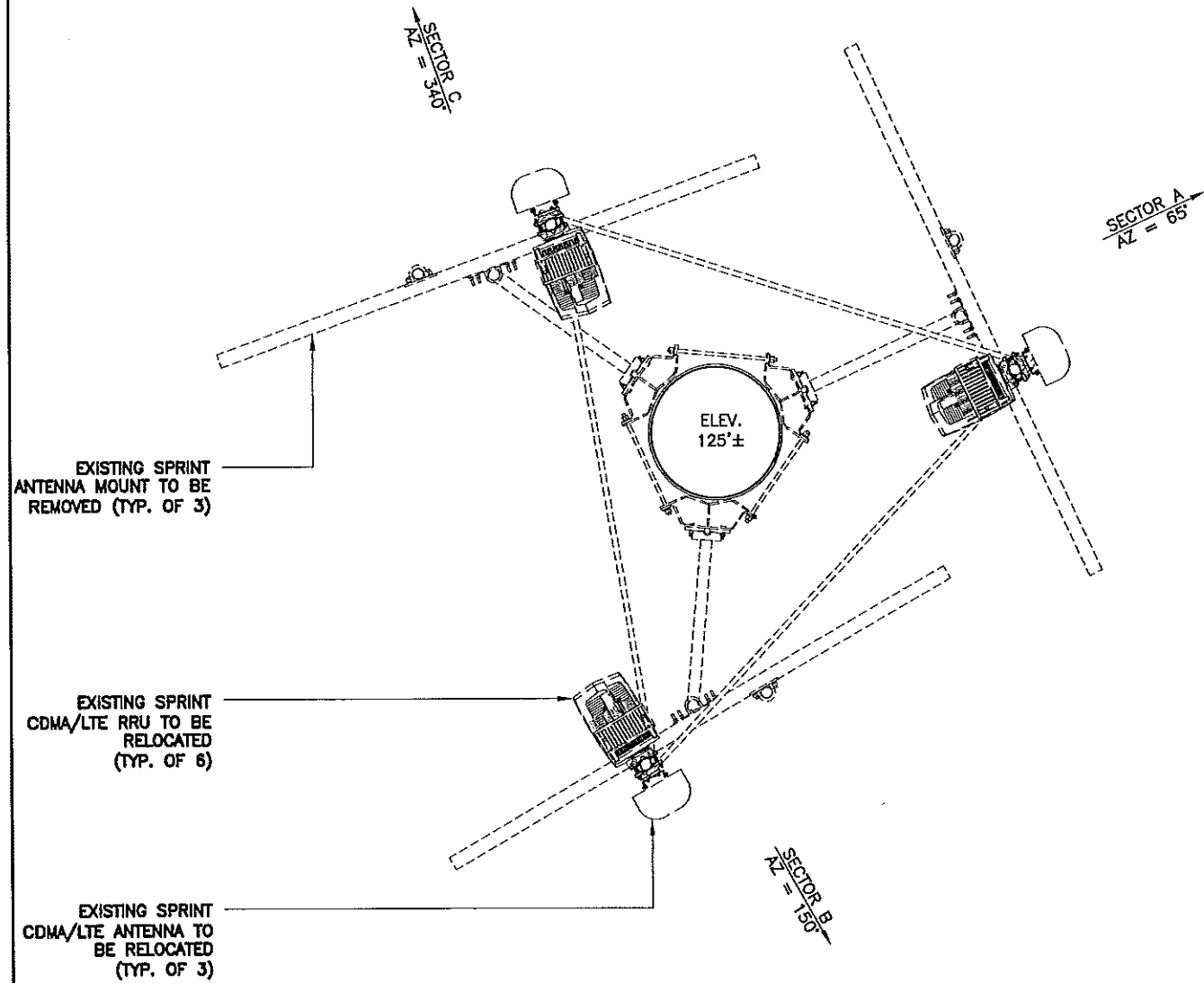
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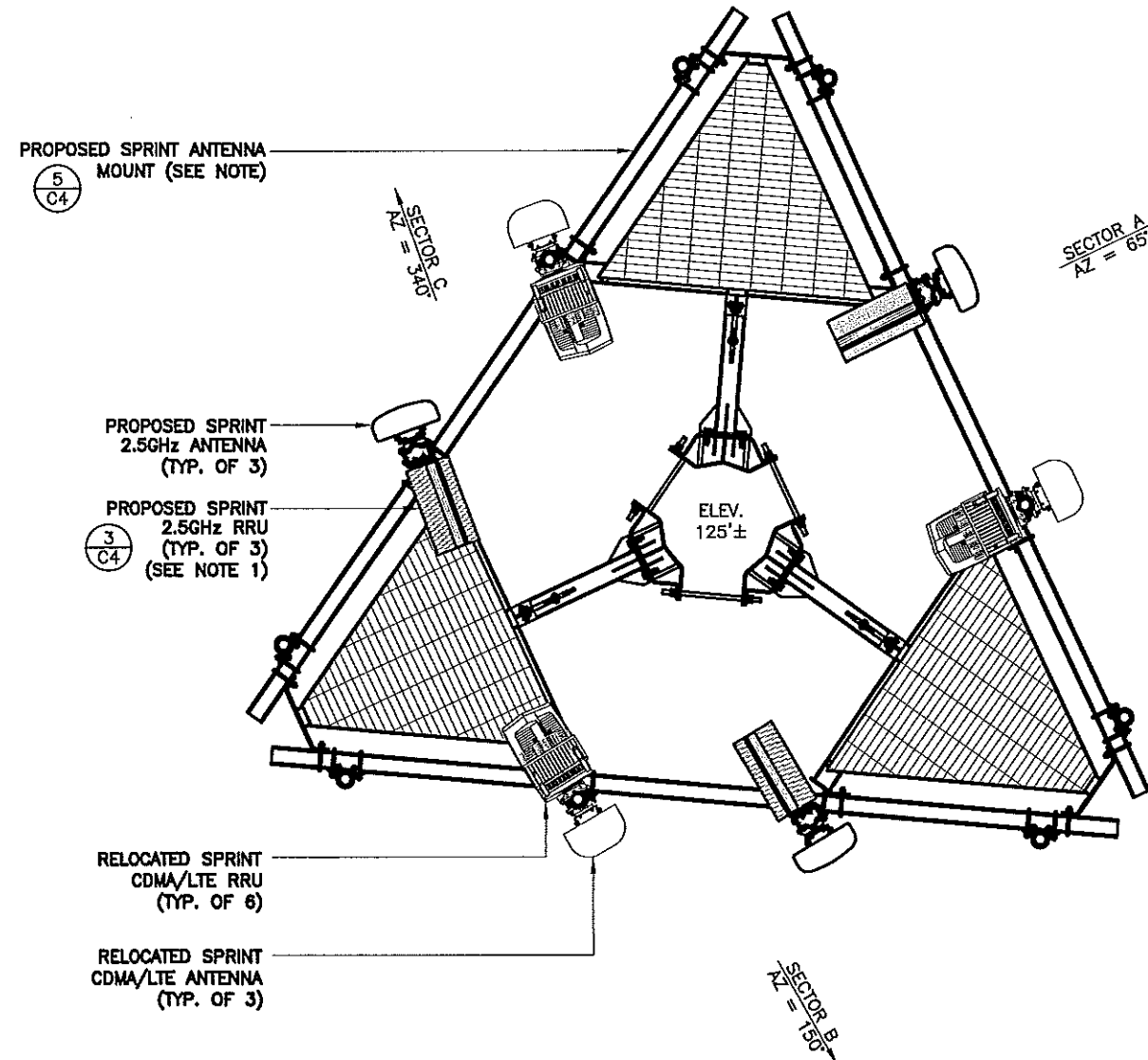
SHEET NAME
 ELEVATION

SHEET NUMBER
 C2





EXISTING ANTENNA LAYOUT



NOTES:

1. ALL RRU'S MUST BE ELECTRICALLY POWERED WITHIN 24 HOURS OF BEING REMOVED FROM THE MANUFACTURER'S PACKAGING.
2. THIS DRAWING IS INTENDED TO DEPICT THE GENERAL LOCATION AND HEIGHT OF THE PROPOSED ANTENNAS ON THE EXISTING ANTENNA MOUNTING SYSTEM. CONSTRUCTION SHALL NOT PROCEED UNTIL A STRUCTURAL ANALYSIS REPORT HAS BEEN COMPLETED BY A PROFESSIONAL ENGINEER REGISTERED IN THIS STATE, CONCLUDING THAT THE EXISTING ANTENNA MOUNTING SYSTEM IS STRUCTURALLY ADEQUATE TO RESIST THE EXISTING AND PROPOSED LOADS.

PROPOSED ANTENNA LAYOUT

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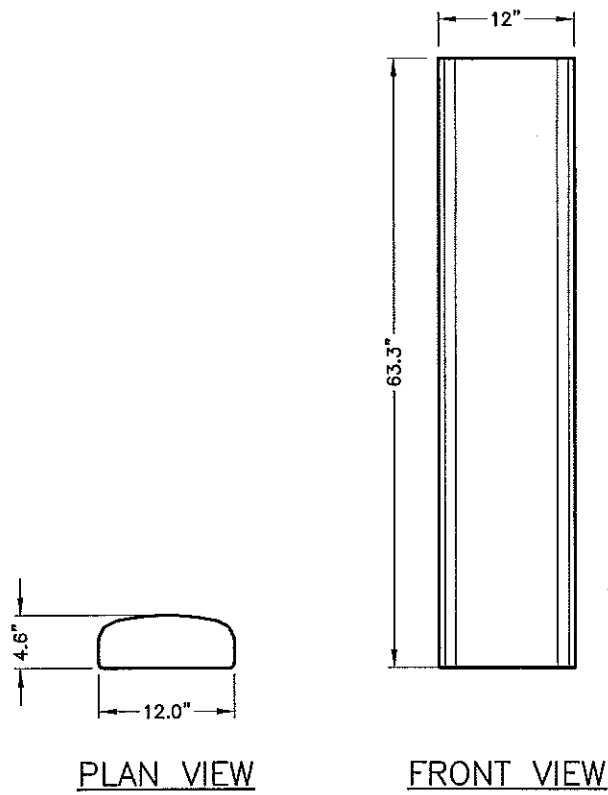
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SHEET NAME
ANTENNA LAYOUTS

SHEET NUMBER
C3



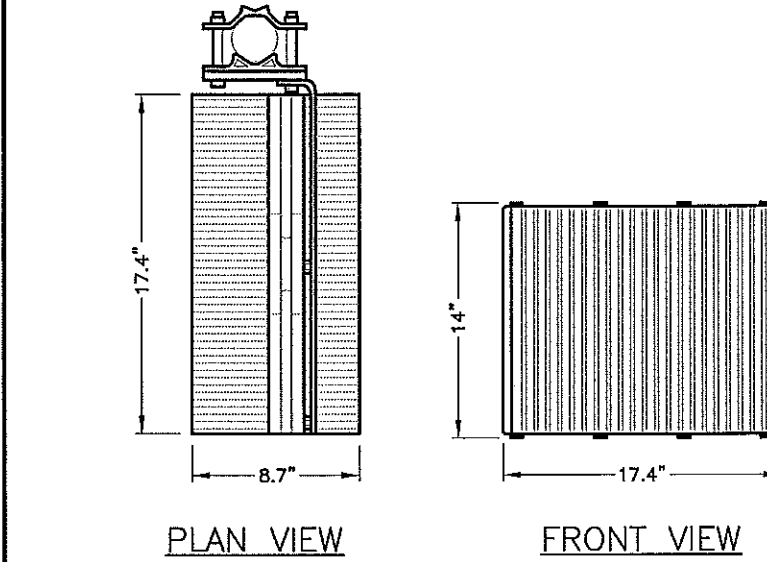
MODEL: COMMSCOPE TTTT65AP-1XR
WEIGHT: 55.4 LBS

ANTENNA SPECS

NTS

1

(NOT USED)



MODEL: NSN RRU FZHJ
WEIGHT: 55.2 LBS

2.5GHZ RRU SPECS

NTS

3

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SHEET NAME
DETAILS
SHEET NUMBER

C5

(NOT USED)

4

(NOT USED)

5

(NOT USED)

6

