

RESOLUTION NO. 2015-2

A RESOLUTION AUTHORIZING THE EXECUTION OF AMENDMENT NUMBER ONE TO SITE AGREEMENT BY AND BETWEEN SPRINT SPECTRUM REALTY COMPANY, L.P., FOR COMMUNICATIONS ANTENNA LOCATED AT THE EAST OAK ROAD WATER TOWER.

WHEREAS, the City Council of the City of Vineland adopted Resolution No. 99-114 authorizing the execution of a Site Agreement with Sprint Spectrum, L.P., now Sprint Spectrum Realty Company, L.P., (Sprint) for communications antenna located at East Oak Road Water Tower (Site); and

WHEREAS, Sprint requests the City of Vineland (City) approve certain modifications to their use of the Site for the installation of RRH and one antenna per sector on the site more particularly described in drawings of McGowan Engineering, Riverside, New Jersey, Project PL13XC380, attached to the proposed Amendment Number One, attached hereto and made a part hereof; and

WHEREAS, as consideration for the aforementioned modification, Sprint shall pay monthly rental increase of Two Hundred (\$200.00) Dollars; and

WHEREAS, the Superintendent of the Water Utility has recommended the execution of this Amendment; and

WHEREAS, the City Council finds it to be in the best interest of the City to authorize the amendment.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Vineland that the Mayor and Clerk are authorized to execute Amendment Number One to Site Agreement with Spectrum Realty Company, L.P., for Communication Antenna located at East Oak Road Water Tower in the form and substance attached hereto and made a part hereof.

Adopted:

\_\_\_\_\_  
President of Council

ATTEST:

\_\_\_\_\_  
City Clerk

**AMENDMENT NO. 1 TO SITE AGREEMENT**

This Amendment No. 1 to the Communications Antenna Site Lease Agreement (this "Amendment"), effective as of the date last signed below ("Effective Date"), amends a certain Communications Antenna Site Lease Agreement between Sprint Spectrum Realty Company, L.P., successor in interest to Sprint Spectrum L.P. ("Carrier"), and the City of Vineland (the "City"), dated September 1, 2004 (the "Agreement").

**BACKGROUND**

WHEREAS, Carrier desires to modify its installation on the E. Oak Road water tower facility located on Block 1909, Lot 57 (the "Site") the Site by adding or swapping out antennas and other equipment to the Facilities, as more particularly described in Exhibit A-1 annexed hereto, and Carrier and City desire to modify the provisions of the Agreement as provided below.

**AGREEMENT**

For good and valuable consideration the receipt and sufficiency of which are acknowledged, City and Carrier agree as follows:

**1. Modification to the Facilities.** Exhibit A to the Agreement is hereby amended to include the modifications identified on Exhibit A-1, a copy of which is attached and made a part hereof. Exhibit A-1 supplements Exhibit A to the Agreement, and shall not be deemed to supersede or otherwise modify Exhibit A or any part thereof except to the extent specifically set forth in Exhibit A-1. Upon full execution of this Amendment, Carrier is permitted to do all work necessary to prepare, maintain and alter the Site to install or otherwise modify the Facilities, all as more fully described and contemplated in Exhibit A-1.

**2. Limitations of Work; Inspection of Work.** No changes other than those set forth on the Designs shall be permitted. The City shall be permitted to inspect all work to assure compliance with Designs and all costs incurred by the City to assure compliance, including engineering and construction inspections shall be borne by the Carrier.

**3. Modification to Rent.** As additional consideration for the modification and other rights set forth in this Amendment, starting on the date that is 30 days after the start of construction of the modifications to the Facilities, the monthly rent will be increased by \$200.00.

**4. General Terms and Conditions.**

- a. All capitalized terms used in this Amendment, unless otherwise defined herein, will have the same meaning as the terms contained in the Agreement.
- b. In case of any inconsistencies between the terms and conditions contained in the Agreement and the terms and conditions contained in this Amendment, the terms and conditions herein will control. Except as set forth below, all provisions of the Agreement are ratified and remain unchanged and in full force and effect.
- c. This Amendment may be executed in duplicate counterparts, each of which will be deemed an original.
- d. Each of the parties represents and warrants that it has the right, power, legal capacity and authority to enter into and perform its respective obligations under this Amendment.

The parties have executed this Amendment as of the Effective Date.

**City:**  
City of Vineland

**Carrier:**  
Sprint Spectrum Realty Company, L.P.

By: \_\_\_\_\_

By: \_\_\_\_\_ 

Printed Name: \_\_\_\_\_

Printed Name: Rob Cobble

Title: \_\_\_\_\_

Title: SDM

Date: \_\_\_\_\_

Date: 11/12/14

Go Back to Agenda

Exhibit A-1

[see attached]

# Sprint

6100 SPRINT PARKWAY  
OVERLAND PARK, KS 66251  
PL13XC370  
1690 EAST OAK ROAD  
VINELAND, NJ 08362  
CUMBERLAND COUNTY

**PROJECT INFORMATION**

**APPLICANT:**  
SPRINT  
6100 SPRINT PARKWAY  
OVERLAND PARK, KS 66251

**SITE ADDRESS:**  
1690 EAST OAK ROAD  
VINELAND, NJ 08362

**PROPERTY OWNER:**  
CITY OF VINELAND  
SEVENTH & WOOD STREET  
VINELAND, NJ 08362

**BLOCK & LOT:**  
14-01909-0000-00007

**ZONING JURISDICTION:**  
CUMBERLAND COUNTY

**ENGINEER:**  
MCGOWAN ENGINEERING  
645 WESTWOOD AVENUE  
RIVERVALE, NJ 07875  
CONTACT: ADAM JACOBS  
PHONE: 201-664-5700

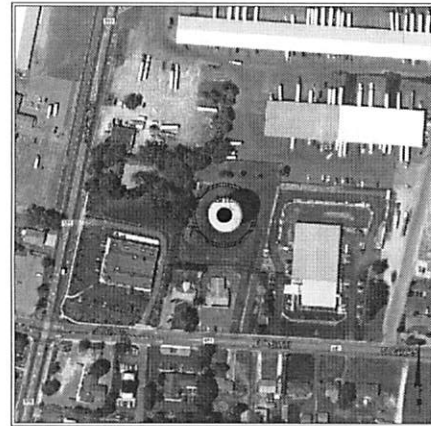
**SPRINT CONSTR. MANAGER:**  
CONTACT: DARLUS GARNETT  
PHONE: 973-914-7772

**SPRINT SITE ACO. MANAGER:**  
CONTACT: JENNIFER CALLO  
PHONE: 201-864-4023

**SPRINT RF ENGINEER:**  
CONTACT: ROSARIO CONELLI  
PHONE: 908-660-0447

**LATITUDE:**  
39.49444°

**LONGITUDE:**  
-74.99272°



**AERIAL PHOTOGRAPH**  
NTS



**LOCATION MAP**  
NTS

- GENERAL NOTES**
1. THIS SPRINT WIRELESS FACILITY IS AN UNMANNED AND SECURED EQUIPMENT INSTALLATION. THE FACILITY IS MONITORED FROM A REMOTE FACILITY AND IN CASE OF EMERGENCY, THE LOCAL FIRE AND POLICE DEPARTMENTS SHALL BE NOTIFIED.
  2. THE FACILITY IS NOT INTENDED FOR HUMAN OCCUPANCY AND SHALL VISITED BY A TRAINED SPRINT TECHNICIAN EVERY FOUR TO SIX WEEKS. THEREFORE, THE FACILITY DOES NOT REQUIRE ANY WATER AND WILL NOT GENERATE ANY SEWAGE, EFFLUENT, OR OTHER WASTE.
  3. EXISTING ACCESS AND ON-SITE PARKING SHALL BE UTILIZED.
  4. CONNECTIONS FOR ELECTRICAL AND TELEPHONE UTILITIES ARE TO BE DETERMINED BY THE JURISDICTIONAL UTILITY COMPANIES.
  5. THE PROPOSED FACILITY SHALL INCLUDE A SIGN IN ACCORDANCE WITH FCC RULES ON RADIO FREQUENCY EMISSIONS 47 CFR 1.1307(b).
  6. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS AND CONDITIONS ON THE SITE. CONTRACTOR SHALL NOTIFY SPRINT REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE PROJECT. FAILURE TO NOTIFY SPRINT REPRESENTATIVE PLACES THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
  7. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE PROJECT SITE AND FAMILIARIZING THEMSELVES WITH THE PROJECT. CONTRACTOR'S SUBMISSION OF BID ASSUMES UNDERSTANDING OF THE ENTIRE PROJECT.
  8. THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE LICENSED AND INSURED TO PERFORM THIS WORK IN THE PROJECT JURISDICTION.
  9. THE INFORMATION ON THESE DRAWINGS HAVE BEEN PREPARED TO SHOW THE GENERAL CONSTRUCTION PROCEDURES, INTENT, AND INFORMATION TO COMPLETE THE JOB. MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE THE CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
  10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK PERFORMED AND MATERIALS INSTALLED TO BE IN STRICT CONFORMANCE, AS A MINIMUM STANDARD, WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES HAVING JURISDICTION. ELECTRICAL SYSTEMS SHALL BE INSTALLED IN CONFORMANCE WITH THE NATIONAL ELECTRIC CODE, AND ALL OTHER LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND WITH LOCAL UTILITY COMPANY SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.
  11. THE CONTRACTOR SHALL PROVIDE A FULL (LATEST REVISION) SET OF CONSTRUCTION DRAWINGS ON-SITE DURING CONSTRUCTION, AND MARK ANY REVISIONS DURING THE COURSE OF CONSTRUCTION.
  12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSPECTIONS, (LOCAL, COUNTY, AND STATE) REQUIRED TO OBTAIN CERTIFICATE OF OCCUPANCY FROM THE LOCAL BUILDING DEPARTMENT.
  13. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION SCHEDULES BETWEEN THEMSELVES AND SUB-CONTRACTORS TO AVOID ANY POSSIBLE DELAYS IN CONSTRUCTION.
  14. ALL CONTRACTORS SHALL COMPLY WITH ALL OSHA REQUIREMENTS APPLICABLE TO THIS PROJECT.
  15. THE CONTRACTOR SHALL NOT SCHEDULE OR PERFORM ANY WORK WITHOUT APPROVAL FROM TOWER OWNER, LANDLORD, AND MUNICIPALITY.
  16. CONTRACTOR SHALL KEEP CONTRACT AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, STUMPS, STONES, RUBBISH, OR DEBRIS IN ACCORDANCE WITH ALL LOCAL AND ENVIRONMENTAL LAWS. NO MATERIALS OR EQUIPMENT SHALL BE PLACED ANYWHERE ON THE PROPERTY WITHOUT MAKING PROVISIONS TO PROTECT EXISTING CONDITIONS. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND WITH ADJACENT SURFACES.
  17. ALL UNDERGROUND UTILITIES SHOWN, EXISTING AND PROPOSED, HAVE BEEN DETERMINED BY SURFACE INVESTIGATIONS AND EXISTING PLANS OBTAINED FROM THE BUILDING DEPARTMENT. CONTRACTOR SHALL LOCATE ALL APPLICABLE UNDERGROUND UTILITIES BY CALLING THE LOCAL DISG SAFE NUMBER, PRIOR TO ANY SITE WORK.
  18. NO COMMERCIAL SIGNS ARE PROPOSED.
  19. THE PROPOSED FACILITY WILL NOT GENERATE ANY NOISE, DUST, FUMES, ODORS OR VIBRATIONS.

**INDEX OF DRAWINGS**

NO.	TITLE SHEET	DATE
T-1	TITLE SHEET	1 5/30/14
SP-1	SPECIFICATIONS	1 5/30/14
A-1	COMPOUND PLAN, ENLARGED PLATFORM PLAN	1 5/30/14
A-2	ELEVATION, ENLARGED ANTENNA PLAN & MOUNTING DETAILS	1 5/30/14
A-3	ANTENNA, RRH AND CABLE SPECS., ANTENNA CABLE CHART, BOM	1 5/30/14
A-4	FIBER CONNECTIVITY DETAILS	1 5/30/14
G-1	GROUNDING AND WATERPROOFING DETAILS	1 5/30/14
E-1	ELECTRICAL DETAILS	1 5/30/14

**Sprint**

**Pinnacle Telecom Group**

1800 BROADWAY, SUITE 200  
SPRINGFIELD, NJ 07081

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22" X 34". IF DRAWINGS ARE 11" X 17" THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE BAR SCALE BELOW EACH DRAWING COMPONENT.

**STATE OF NEW JERSEY**  
OFFICE OF THE STATE ENGINEER  
40997  
PROFESSIONAL ENGINEER

**MICHAEL MCGOWAN**  
PROFESSIONAL ENGINEER  
LICENSE NO. 40997

**MCGOWAN ENGINEERING**  
PROFESSIONAL ENGINEER  
645 WESTWOOD AVE.  
RIVERVALE, NJ 07875  
T: 201-664-5700 F: 201-664-5700

REV	DATE	REVISION DESCRIPTION	BY
5/30/14		FINAL	AM
4/29/14		FOR REVIEW	AJ

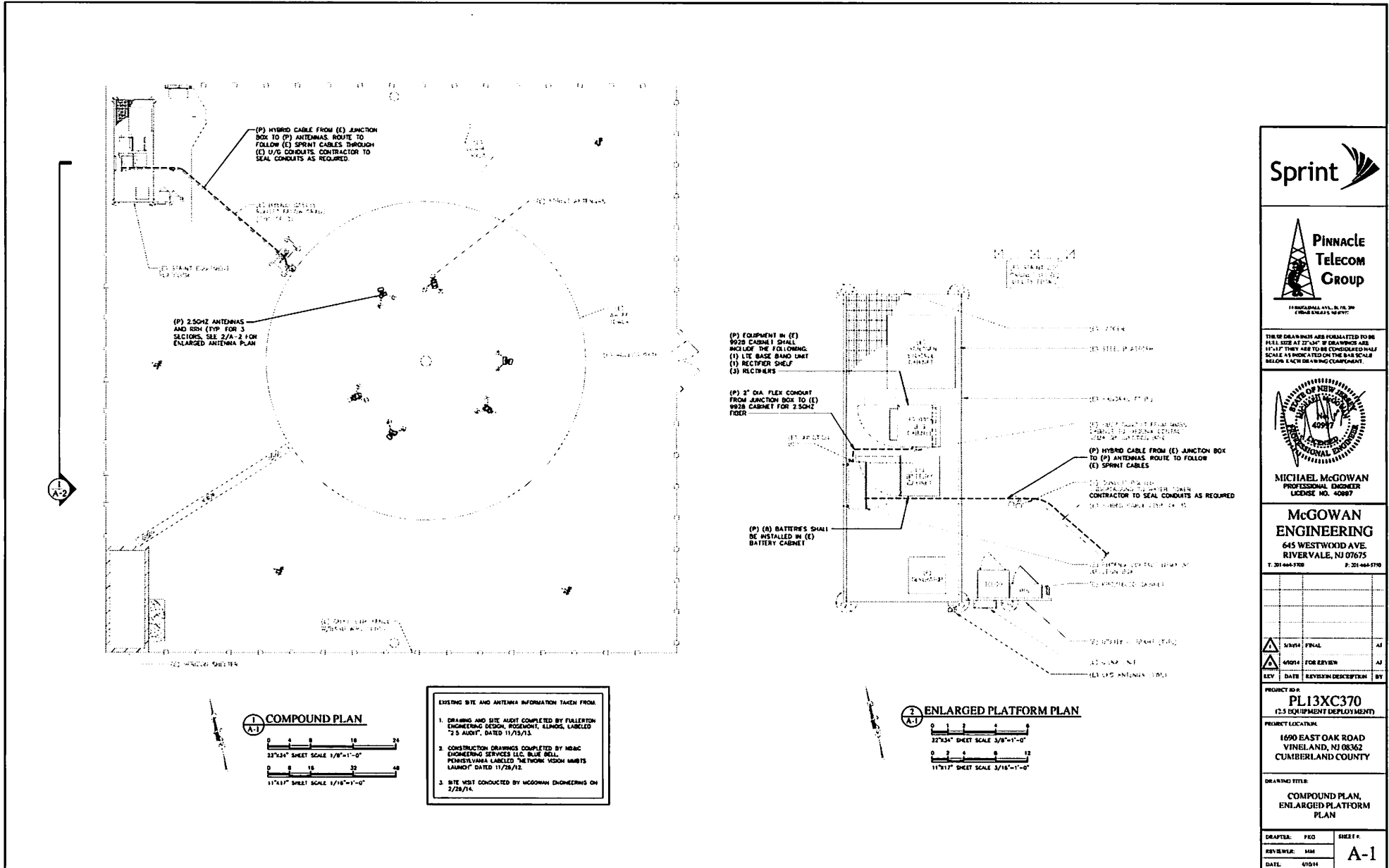
PROJECT ID#:  
**PL13XC370**  
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:  
1690 EAST OAK ROAD  
VINELAND, NJ 08362  
CUMBERLAND COUNTY

DRAWING TITLE:  
**TITLE SHEET**

DRAFTER:	PKI	SHEET #:
REVIEWER:	AM	<b>T-1</b>
DATE:	4/29/14	





11 BRIDGEWAY AVENUE, SUITE 200  
RIVERVALE, NJ 07075

THIS DRAWING IS FORWARDED TO BE  
SEEK SIZE AT 21"X29" IF DRAWINGS ARE  
11"X17" THEY ARE TO BE CONSIDERED HALF  
SCALE AS INDICATED ON THE SCALE  
BELOW EACH DRAWING COMPARTMENT.



**MICHAEL MCGOWAN**  
PROFESSIONAL ENGINEER  
LICENSE NO. 40987

**MCGOWAN ENGINEERING**  
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REV	DATE	REVISION DESCRIPTION	BY

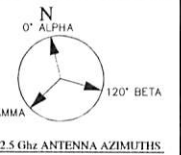
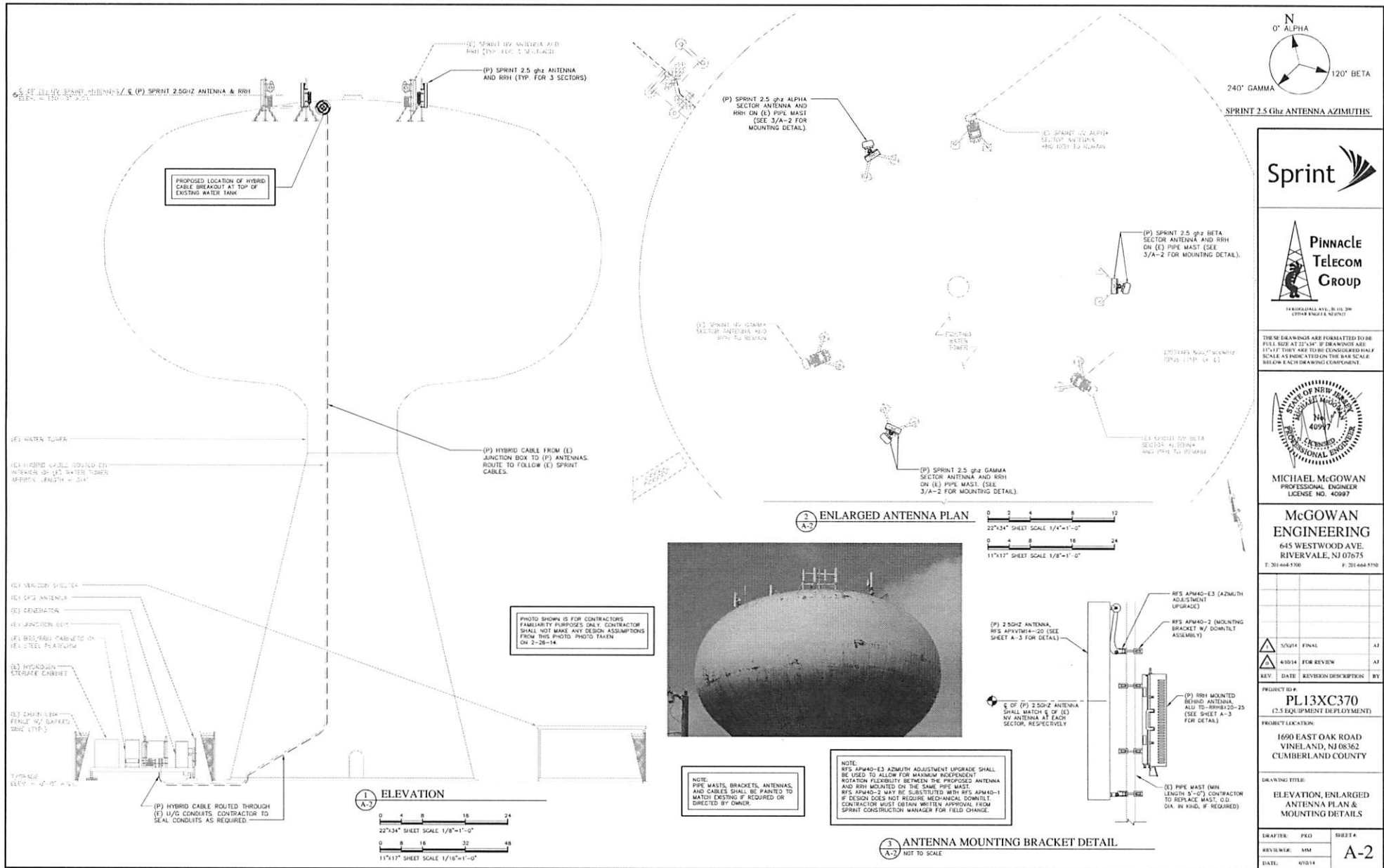
△	5/10/14	FINAL	AM
△	4/10/14	FOR REVIEW	AM

PROJECT ID:  
**PL13XC370**  
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:  
1690 EAST OAK ROAD  
VINELAND, NJ 08362  
CUMBERLAND COUNTY

DRAWING TITLE:  
**COMPOUND PLAN,  
ENLARGED PLATFORM  
PLAN**

DRAWER:	PKG:	SHEET #:
REVIEWS:	DATE:	<b>A-1</b>



1400 RIVERVIEW AVE., B. 110, 3RD FLOOR  
RIVERVALE, NJ 07075

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"x34" IF DRAWINGS ARE 11"x17" THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE BAR SCALE BELOW EACH DRAWING COMPONENT.



**MICHAEL MCGOWAN**  
PROFESSIONAL ENGINEER  
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3/20/11	FINAL	AJ
4/10/14	FOR REVIEW	AJ
REV.	DATE	REVISION DESCRIPTION

PROJECT ID #: **PL13XC370**  
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:  
1690 EAST OAK ROAD  
VINELAND, NJ 08362  
CUMBERLAND COUNTY

DRAWING TITLE:  
**ELEVATION, ENLARGED ANTENNA PLAN & MOUNTING DETAILS**

DRAFTER:	PKJ	SHEET #:
REVIEWER:	MM	<b>A-2</b>
DATE:	4/10/14	

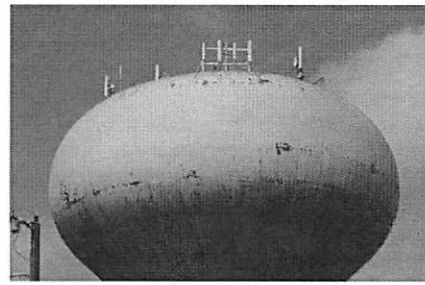
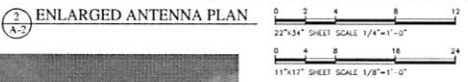
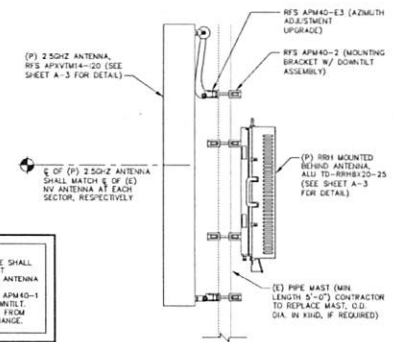


PHOTO SHOWN IS FOR CONTRACTORS FAMILIARITY PURPOSES ONLY. CONTRACTOR SHALL NOT MAKE ANY DESIGN ASSUMPTIONS FROM THIS PHOTO TAKEN ON 2-28-14.

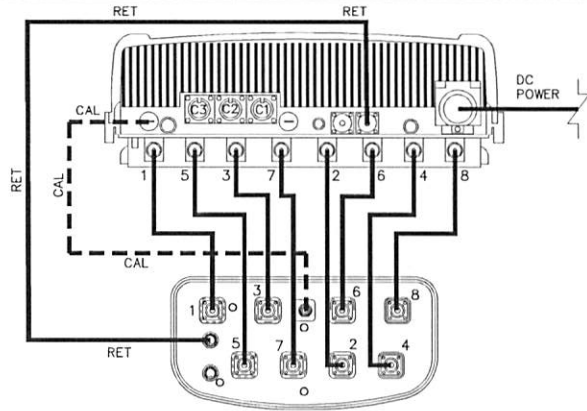
NOTE:  
PIPE MASTS, BRACKETS, ANTENNAS, AND CABLES SHALL BE PAINTED TO MATCH EXISTING IF REQUIRED OR DIRECTED BY OWNER.

NOTE:  
R/S APM40-E3 AZIMUTH ADJUSTMENT UPGRADE SHALL BE USED TO ALLOW FOR MAXIMUM INDEPENDENT ROTATION FLEXIBILITY BETWEEN THE PROPOSED ANTENNA AND RRH MOUNTED ON THE SAME PIPE MAST. R/S APM40-2 MAY BE SUBSTITUTED WITH R/S APM40-1 IF DESIGN DOES NOT REQUIRE MECHANICAL DOWNLIFT. CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM SPRINT CONSTRUCTION MANAGER FOR FIELD CHANGE.



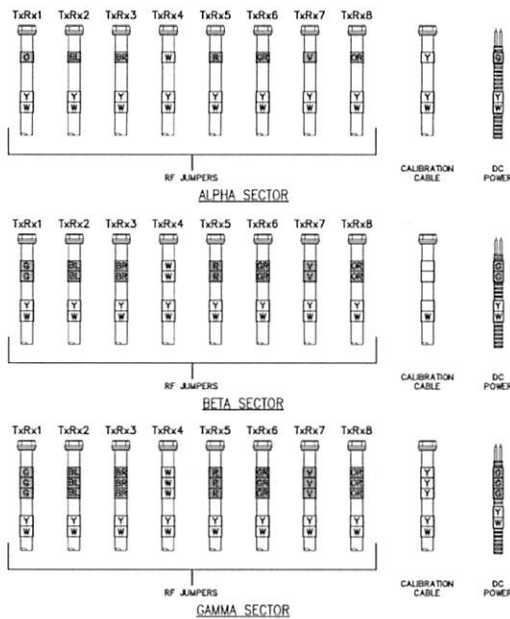
**3 ANTENNA MOUNTING BRACKET DETAIL**





JUMPER CABLE CONNECTIVITY DETAIL

4 (RRH TO ANTENNA)  
A-3 NOT TO SCALE



RF/POWER COLOR CODE LEGEND

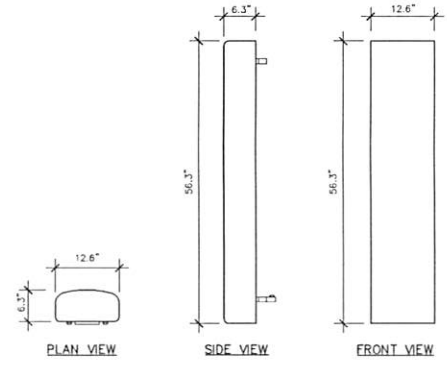
GREEN	G
BLUE	BL
BROWN	BH
WHITE	W
RED	R
GREY	GR
VIOLET	V
ORANGE	OR
YELLOW	Y

NOTE: RF JUMPER CABLES SHALL BE COLOR CODED AT BOTH ENDS BETWEEN RRH AND ANTENNA

3 JUMPER CABLE COLOR CODE  
A-3 NOT TO SCALE

SPRINT ANTENNA AND CABLE SCHEDULE							
SECTORS	AZMUTH	RRH	ANTENNA	MECHANICAL DT	ELECTRICAL DT	CABLE	CABLE LENGTH
ALPHA (2.5GHz)	0°	PROPOSED 2.5GHz RRH TD-RRH820-25	PROPOSED 2.5GHz ANTENNA RFS APXVTM14-C-120	0'	-2'	PROPOSED HYBRID CABLE FEEDS ALPHA, BETA, & GAMMA SECTORS (SEE DETAIL 5/A-3) (SEE NOTE 1)	315FT
BETA (2.5GHz)	120°	PROPOSED 2.5GHz RRH TD-RRH820-25	PROPOSED 2.5GHz ANTENNA RFS APXVTM14-C-120	0'	-2'	PROPOSED HYBRID CABLE FEEDS ALPHA, BETA, & GAMMA SECTORS (SEE DETAIL 5/A-3) (SEE NOTE 1)	315FT
GAMMA (2.5GHz)	240°	PROPOSED 2.5GHz RRH TD-RRH820-25	PROPOSED 2.5GHz ANTENNA RFS APXVTM14-C-120	0'	-2'	PROPOSED HYBRID CABLE FEEDS ALPHA, BETA, & GAMMA SECTORS (SEE DETAIL 5/A-3) (SEE NOTE 1)	315FT

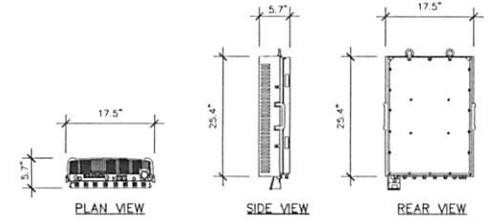
NOTE 1: PROPOSED CABLE LENGTH REPRESENTS THE APPROXIMATE DISTANCE BETWEEN THE JUNCTION BOX AT THE SPRINT PLATFORM AND THE RRH AT THE FURTHEST SECTOR. IT IS RECOMMENDED FOR THE CONTRACTOR TO CONFIRM EXISTING CABLE LENGTHS FOR ALL SECTORS, FROM PREVIOUSLY COMPLETED ANTENNA SWEEPS, IN ORDER TO REDUCE CABLE WASTE.



FREQUENCY RANGE: 2490GHZ-2600GHZ  
WEIGHT: 56.2 LBS

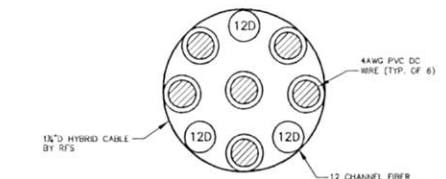
1 ANTENNA DETAIL (RFS APXVTM14-C-120)  
A-3 1/4"=1'-0"

ANTENNA/CABLE BILL OF MATERIALS		
ITEM	DESCRIPTION / MODEL #	QUANTITY/LENGTH
ANTENNA	RFS APXVTM14-C-120	3
RRH	ALCATEL LUENTIS TD-RRH820-25	3
HYBRID CABLE	RFS 1B114-21U3M12-325F	1 / 325FT
JUMPER CABLE	RFS 1C12-50J (CONNECTORS PRE-INSTALLED BY MANUFACTURER)	27 / BFT
RET CABLE	CONAFIBRE ATR8-B1-006 (CONNECTORS PRE-INSTALLED BY MANUFACTURER)	3 / BFT



WEIGHT: 66 LBS

2 RRH DETAIL (TD-RRH8X20-25)  
A-3 1/4"=1'-0"



WEIGHT: 1.22 LBS/FT  
MIN. BENDING RADIUS: 10"  
CLAMP SPACING: 4FT OC

ASSEMBLY LENGTH	MODEL NUMBER	DESCRIPTION
325 FT	1B114-21U3M12-325F	3PR 4WG DC, 18PR MULTI-MODE FIBER, TOP 3 MPF CONNECTORS, BOTTOM 18 LC CONNECTORS
325 FT	1B114-21U3M12-325F	3PR 4WG DC, 18PR MULTI-MODE FIBER, TOP 3 MPF CONNECTORS, BOTTOM 18 LC CONNECTORS
325 FT	1B114-21U3M12-325F	3PR 4WG DC, 18PR MULTI-MODE FIBER, TOP 3 MPF CONNECTORS, BOTTOM 18 LC CONNECTORS
325 FT	1B114-21U3M12-325F	3PR 4WG DC, 18PR MULTI-MODE FIBER, TOP 3 MPF CONNECTORS, BOTTOM 18 LC CONNECTORS
325 FT	1B114-21U3M12-325F	3PR 4WG DC, 18PR MULTI-MODE FIBER, TOP 3 MPF CONNECTORS, BOTTOM 18 LC CONNECTORS

5 HYBRID CABLE DETAIL  
A-3 NOT TO SCALE



THESE DRAWINGS ARE FORMATTED TO THE FULL SIZE A1 (24" X 36") DRAWING SIZE. IF THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE BAR SCALE BELOW EACH DRAWING COMPONENT.



MICHAEL MCGOWAN  
PROFESSIONAL ENGINEER  
LICENSE NO. 40997

McGOWAN ENGINEERING  
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REV	DATE	REVISION DESCRIPTION	BY
5/20/14	FINAL		AJ
4/28/14	FOR REVIEW		AJ

PROJECT ID#

PL13XC370  
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:

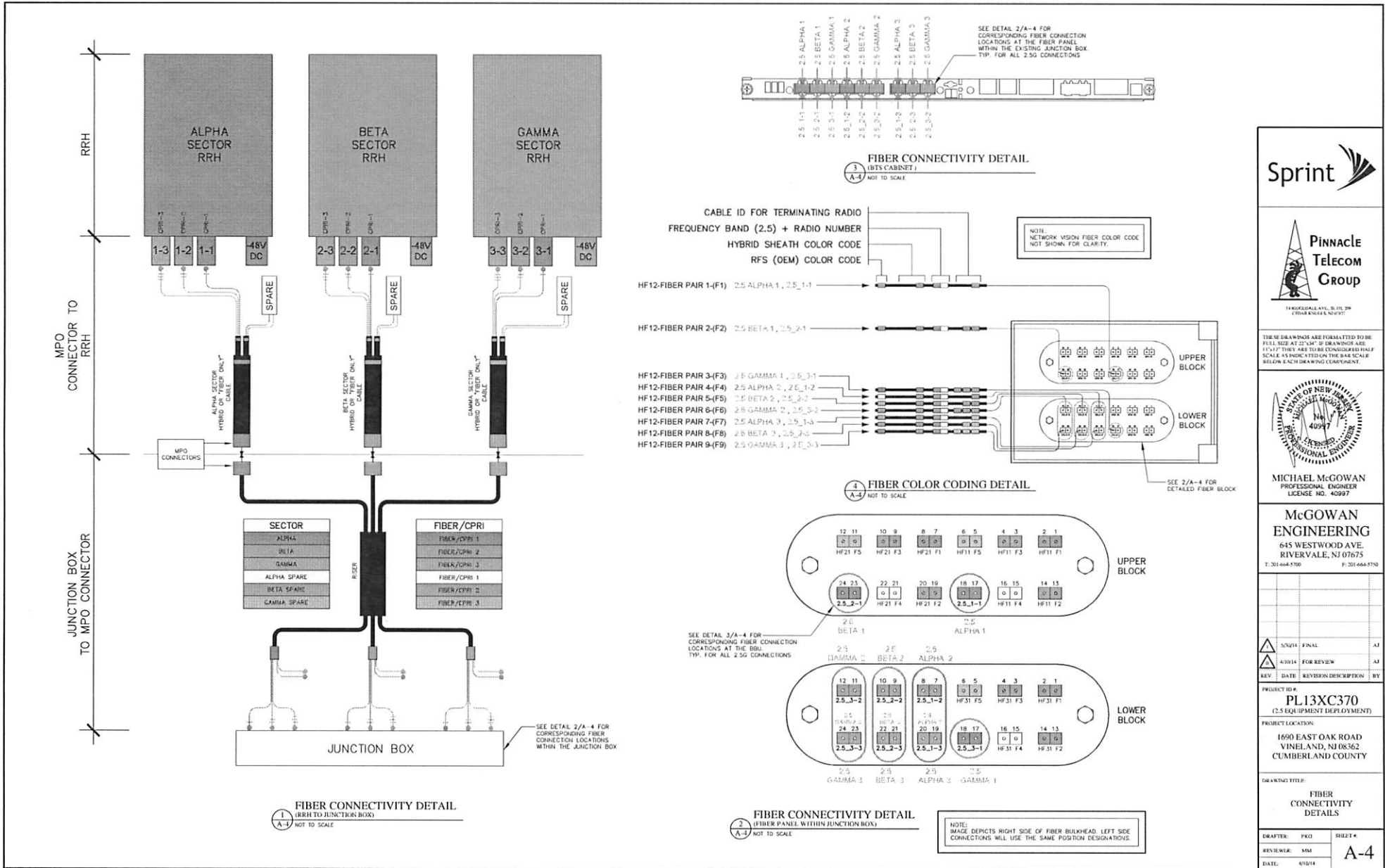
1690 EAST OAK ROAD  
VINELAND, NJ 08362  
CAMBERLAND COUNTY

DRAWING TITLE:

ANTENNA, CABLE & RRH  
SPECS, ANTENNA CABLE  
CHART, DETAILS

DRAWER	PKG	SHEET #
		A-3





**Sprint**

**Pinnacle Telecom Group**  
1100 E. MAIN ST., SUITE 200  
CHESAPEAKE, VA 23041

**STATE OF NEW JERSEY**  
Professional Engineer  
License No. 40997

**MICHAEL MCGOWAN**  
PROFESSIONAL ENGINEER  
LICENSE NO. 40997

**McGOWAN ENGINEERING**  
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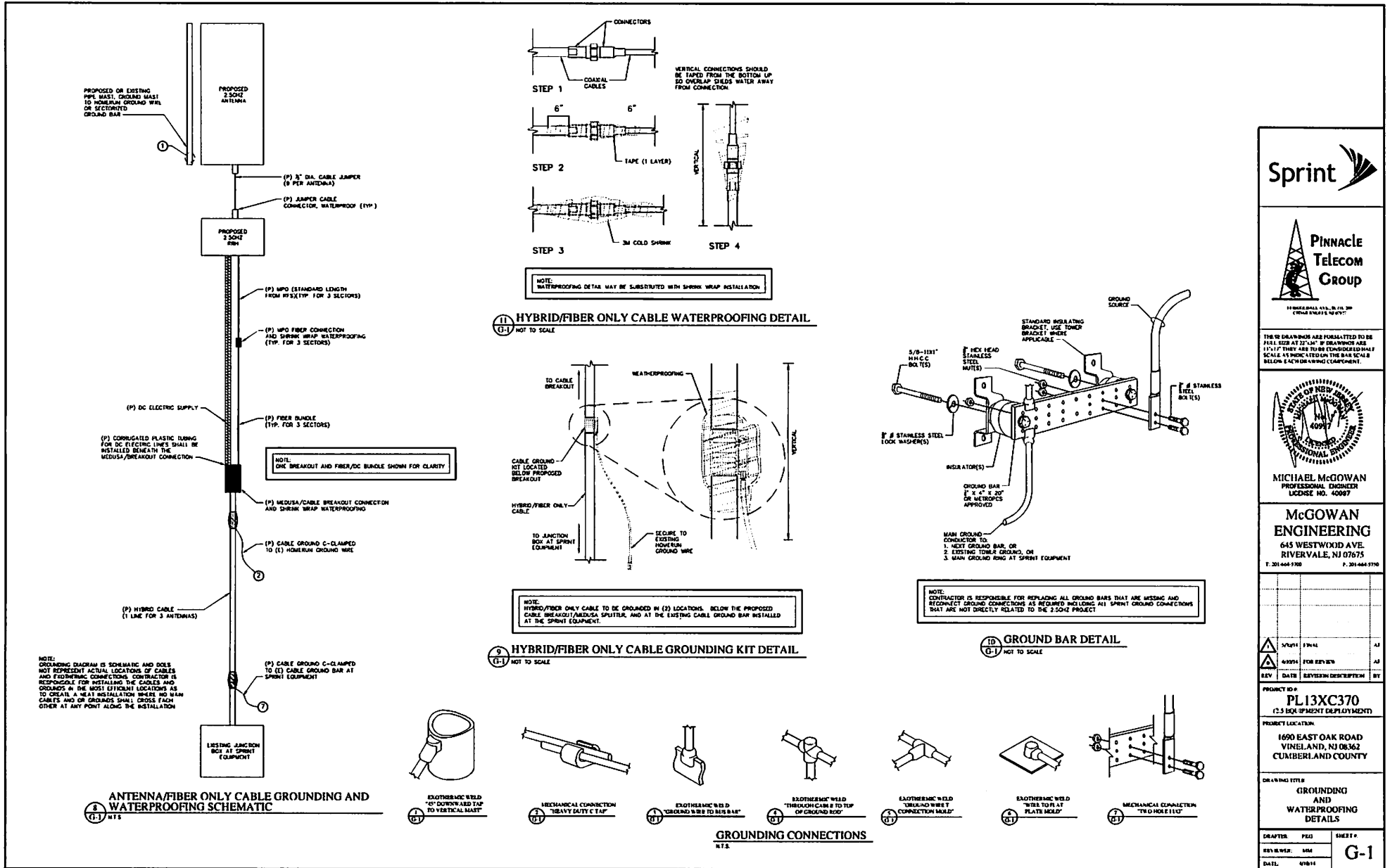
5/20/14	FINAL	AJ	
4/30/14	FOR REVIEW	AJ	
REV.	DATE	REVISION DESCRIPTION	BY

PROJECT ID#  
**PL13XC370**  
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:  
1600 EAST OAK ROAD  
VINELAND, NJ 08362  
CUMBERLAND COUNTY

DRAWING TITLE:  
**FIBER CONNECTIVITY DETAILS**

DRAWER:	PKD	SHEET #:	
REVIEWER:	MM		
DATE:	6/10/14		<b>A-4</b>



**Sprint**

**Pinnacle Telecom Group**

11 WINDMILL AVE., SUITE 200  
CHATELAIN, NJ 07024

THESE DRAWINGS ARE FORWARDED TO BE 11" X 17" IF THEY ARE TO BE CONSIDERED HALF SCALE. 1/4" INCH TYPED ON THE BAR SCALE IS BELOW EACH DRAWING COMPONENT.

STATE OF NEW JERSEY  
MICHAEL MCGOWAN  
PROFESSIONAL ENGINEER  
LICENSE NO. 40097

**McGOWAN ENGINEERING**  
645 WESTWOOD AVE.  
RIVERVALE, NJ 07075  
P. 201-464-3700 F. 201-464-3700

DATE	REVISION DESCRIPTION	BY
5/20/11	FINAL	AJ
4/20/11	FOR REVIEW	AJ

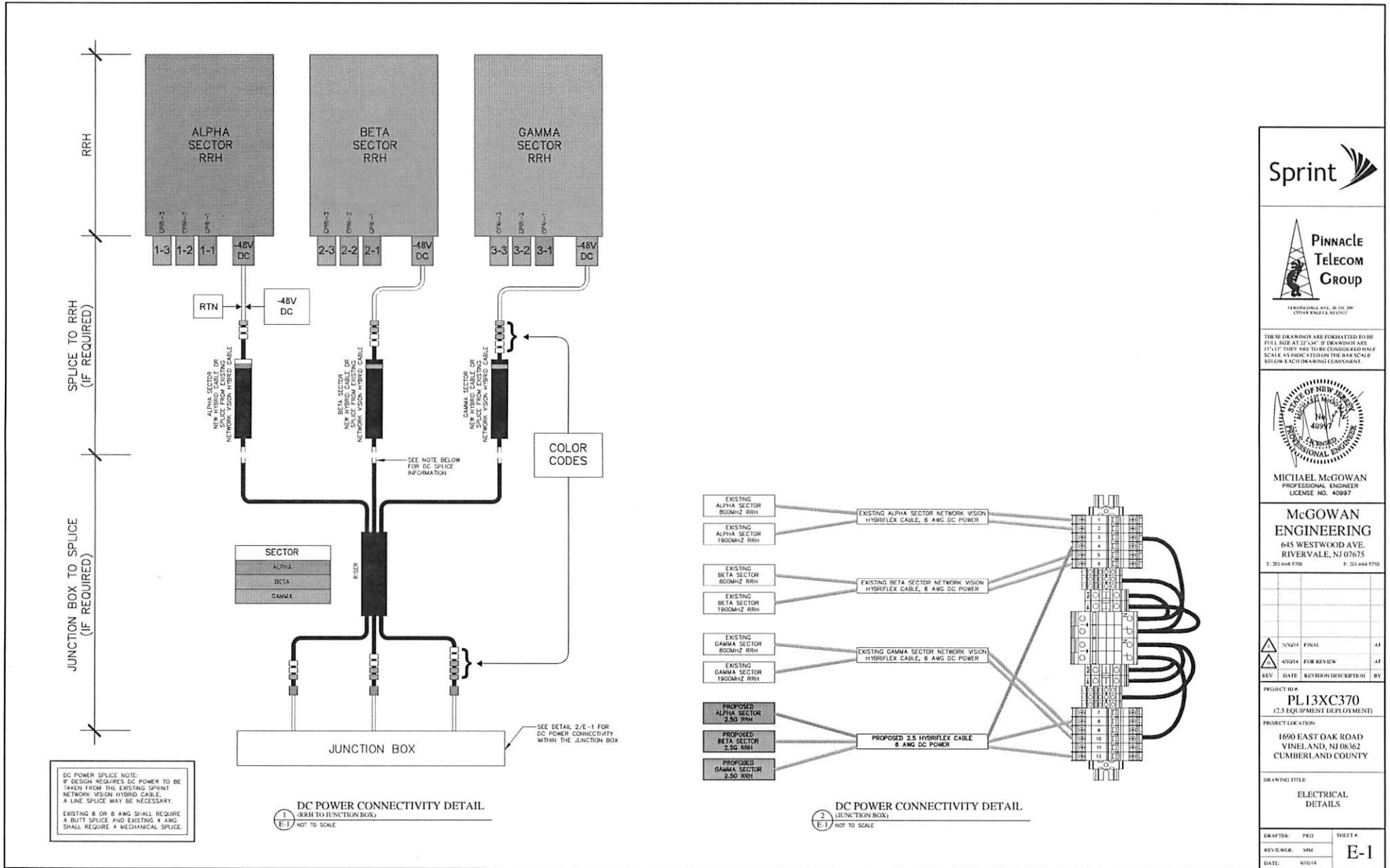
PROJECT ID: **PL13XC370**  
(2.5 GHz EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:  
1690 EAST OAK ROAD  
VINELAND, NJ 08362  
CUMBERLAND COUNTY

DRAWING TITLE:  
**GROUNDING AND WATERPROOFING DETAILS**

DRAWER: PEG SHEET #:  
REV NUMBER: 004  
DATE: 4/28/11

**G-1**



**Sprint**

**Pinnacle Telecom Group**  
 1800 DALLAS AVE., SUITE 200  
 CRYSTAL SPRING, FL 32909

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22" X 34". IF DRAWINGS ARE 11" X 17" THEY ARE TO BE CONSIDERED HALF SCALE. NO DIMENSIONS ON THE DRAWINGS BELOW EACH DRAWING EQUIPMENT.

**MICHAEL MCGOWAN**  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 40997

**MCGOWAN ENGINEERING**  
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REV	DATE	REVISION DESCRIPTION	BY
△	5/20/14	FINAL	AJ
△	4/20/14	FOR REVIEW	AJ

PROJECT ID #  
**PL13XC370**  
 (2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:  
 1690 EAST OAK ROAD  
 VINELAND, NJ 08362  
 CUMBERLAND COUNTY

DRAWING TITLE:  
**ELECTRICAL DETAILS**

DRAFTER: PRO	SHEET #
REVIEWER: MM	<b>E-1</b>
DATE: 6/10/14	