

RESOLUTION NO. 2015-3

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 SIXTH AND PEAR STREETS WATER TOWER.

WHEREAS, the City Council of the City of Vineland adopted Ordinance No. 2004-08 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 Sixth and Pear Streets 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 PL57XC017, 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 Sixth and Pear Streets 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 Sixth & Pear Streets water tower facility located on Block 3008, Lot 21 (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:
Printed Name:
Title:
Date:

By: [Signature]
Printed Name: Rob Cobane
Title: SDM
Date: 11/12/14

Go Back to Agenda

Exhibit A-1

[see attached]



6100 SPRINT PARKWAY
OVERLAND PARK, KS 66251
PL25XC017
600 E. PEAR STREET
VINELAND, NJ 08360
CUMBERLAND COUNTY

PROJECT INFORMATION

APPLICANT:

SPRINT
6100 SPRINT PARKWAY
OVERLAND PARK, KS 66251

SITE ADDRESS:

600 E. PEAR ST.
VINELAND, NJ 08360

PROPERTY OWNER:

CITY OF VINELAND
GLENN & WOOD ST.
VINELAND, NJ 08360

BLOCK / LOT / MAP:

BLOCK 440, LOT 16, MAP #30

ZONING JURISDICTION:

CITY OF VINELAND
CUMBERLAND COUNTY

ENGINEER:

MCGOWAN ENGINEERING
645 WESTWOOD AVENUE
RIVERVALE, NJ 07075
CONTACT: ADAM JACOBS
PHONE: 201-884-5700

SPRINT CONSTR. MANAGER:

CONTACT: DARLUS GARNETT
PHONE: 973-914-7772

SPRINT SITE ACQ. MANAGER:

CONTACT: JENNIFER GALLO
PHONE: 201-884-4033

SPRINT RF ENGINEER:

CONTACT: ROSARIO CONELLI
PHONE: 908-860-0447

LATITUDE:

39.489383

LONGITUDE:

75.022856



AERIAL PHOTOGRAPH
NTS



LOCATION MAP
NTS

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF EXCHANGING OR INSTALLING ADDITIONAL EQUIPMENT AND/OR ANTENNAS TO AN EXISTING WIRELESS TELECOMMUNICATIONS FACILITY

GENERAL NOTES

- 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.
- 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.
- EXISTING ACCESS AND ON-SITE PARKING SHALL BE UTILIZED.
- CONNECTIONS FOR ELECTRICAL AND TELEPHONE UTILITIES ARE TO BE DETERMINED BY THE JURISDICTIONAL UTILITY COMPANIES.
- THE PROPOSED FACILITY SHALL INCLUDE A SIGN IN ACCORDANCE WITH FCC RULES ON RADIO FREQUENCY EMISSIONS 47 CFR 1.1307(b).
- 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. FAILING TO NOTIFY SPRINT REPRESENTATIVE PLACES THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
- 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 WORK IN THE PROJECT JURISDICTION.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE LICENSED AND INSURED TO PERFORM THIS WORK IN THE PROJECT JURISDICTION.
- THE INFORMATION ON THESE DRAWINGS HAS 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.
- 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.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSPECTIONS, (LOCAL, COUNTY, AND STATE) REQUIRED TO OBTAIN CERTIFICATE OF OCCUPANCY FROM THE LOCAL BUILDING DEPARTMENT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION ALL CONSTRUCTION SCHEDULES BETWEEN THEMSELVES AND SUB-CONTRACTORS TO AVOID ANY POSSIBLE DELAYS IN CONSTRUCTION.
- ALL CONTRACTORS SHALL COMPLY WITH ALL OSHA REQUIREMENTS APPLICABLE TO THIS PROJECT.
- THE CONTRACTOR SHALL NOT SCHEDULE OR PERFORM ANY WORK WITHOUT APPROVAL FROM TOWER OWNERS, LANDLORDS, AND MUNICIPALITY.
- 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 BLENDE WITH ADJACENT SURFACES.
- 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 GIS DATA NUMBER, PRIOR TO ANY SITE WORK.
- NO COMMERCIAL SIGNS ARE PROPOSED.
- THE PROPOSED FACILITY WILL NOT GENERATE ANY NOISE, DUST, FUMES, ODORS OR VIBRATIONS.

INDEX OF DRAWINGS

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1000 MARSHALL AVE., SU. 100, 2ND FLOOR
CHESAPEAKE, VA 23041

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"x34" IF DRAWINGS ARE 17"x17" THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE BAR SCALE IF BELOW FACTS DO NOT CLEARIFY.



MICHAEL MCGOWAN
PROFESSIONAL ENGINEER
LICENSE NO. 40997

MCGOWAN ENGINEERING
645 WESTWOOD AVE.
RIVERVALE, NJ 07075
T: 201-644-5700 F: 201-644-5700

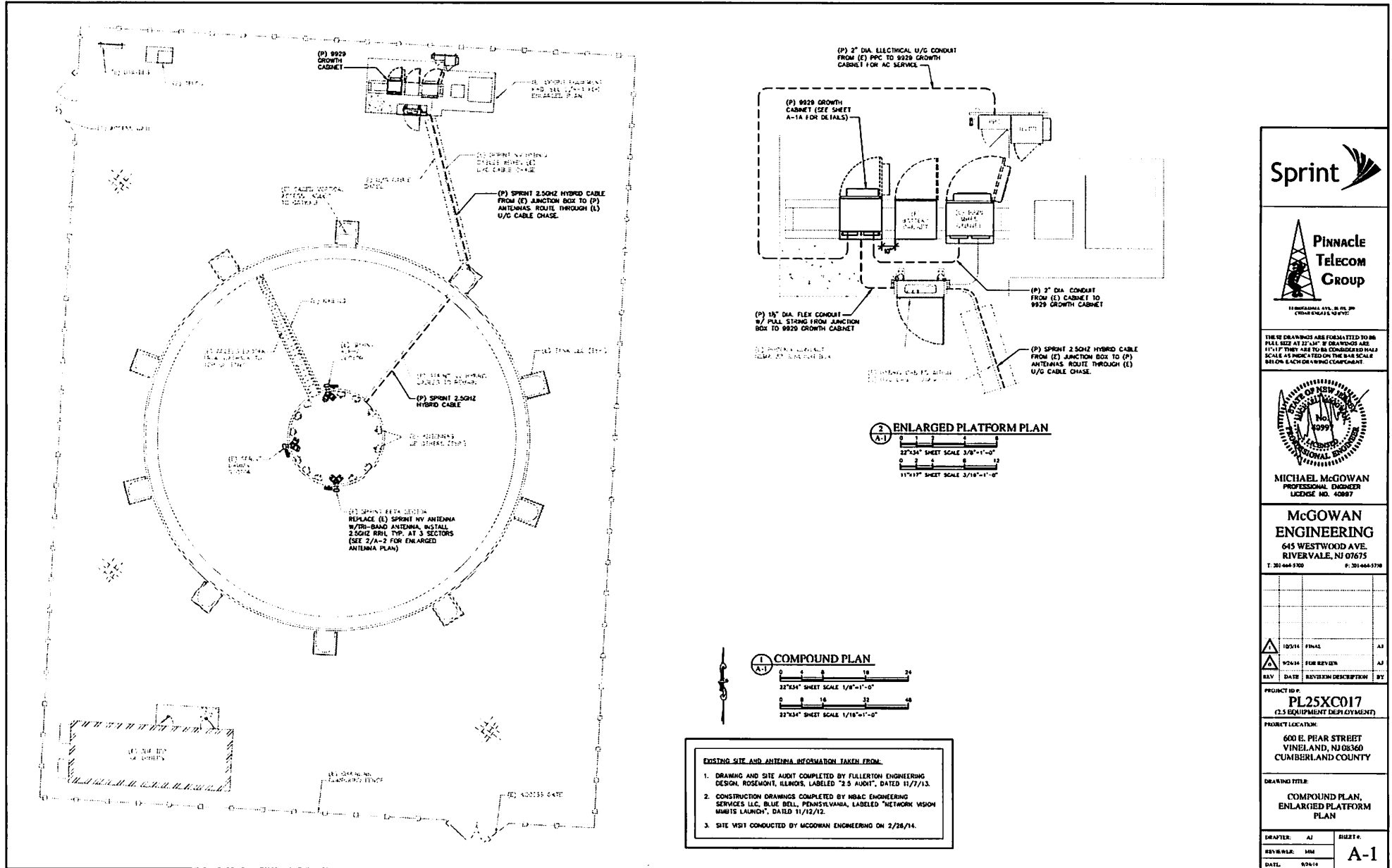
10/24/14	FINAL	AS
9/24/14	FOR REVIEW	AS
REV	DATE	REVISION DESCRIPTION

PROJECT NO: **PL25XC017**
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:
600 E. PEAR STREET
VINELAND, NJ 08360
CUMBERLAND COUNTY

DRAWING TITLE
TITLE SHEET

DRAFTER:	AJ	SHEET #:	T-1
REVIEWER:	MM		
DATE:	9/24/14		



THESE DRAWINGS ARE FORMATTED TO A8 PAPER SIZE AT 22"x34" IF DRAWINGS ARE 11"x17" THEY ARE TO BE CONSIDERED HALF SCALE AND PRINTED ON THE B8 SCALE 8410N 8.4CH DR. BRING COMPLAINT.



McGOWAN ENGINEERING
 645 WESTWOOD AVE.
 RIVERVALE, NJ 07075
 T. 201-464-5700 F. 201-464-5718

10/24/14	FINAL	AJ
02/26/14	FOR REVIEW	AJ
REV	DATE	REVISION DESCRIPTION

PROJECT ID: **PL25XC017**
 (2.5 EQUIPMENT DEPLOYMENT)

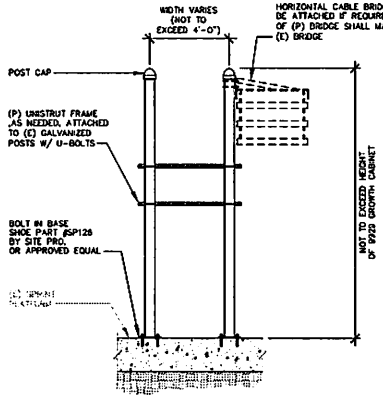
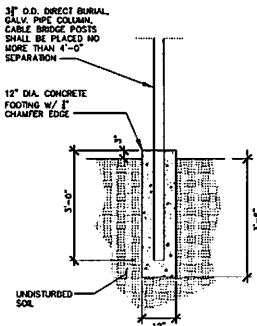
PROJECT LOCATION:
 600 E. PEAR STREET
 VINELAND, NJ 08360
 CUMBERLAND COUNTY

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

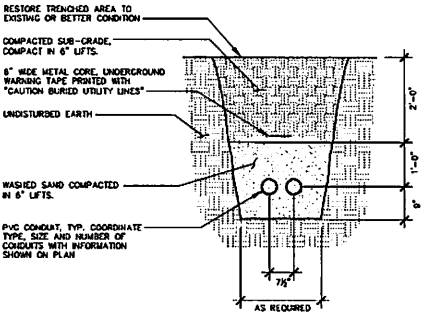
DRAFTER: AJ SHEET:
 REVIEWER: MM **A-1**
 DATE: 02/26/14

- EXISTING SITE AND ANTENNA INFORMATION TAKEN FROM:**
1. DRAWING AND SITE AUDIT COMPLETED BY FULLERTON ENGINEERING DESIGN, ROSEMONT, ILLINOIS, LABELED "2.5 AUDIT", DATED 11/7/13.
 2. CONSTRUCTION DRAWINGS COMPLETED BY MB&C ENGINEERING SERVICES LLC, BLUE BELL, PENNSYLVANIA, LABELED "NETWORK VISION MMBIS LAUNCH", DATED 11/12/12.
 3. SITE VISIT CONDUCTED BY MCGOWAN ENGINEERING ON 2/26/14.

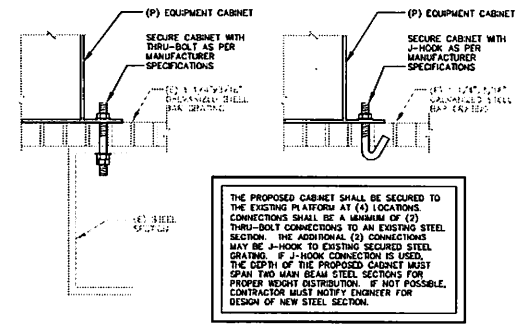
INSTALLATION OF CONDUIT/CABLE SUPPORT RACK SHALL BE AT THE DISCRETION OF SPRINT CONSTRUCTION MANAGER. ENGINEER SHALL BE NOTIFIED TO CONFIRM CLEARANCES



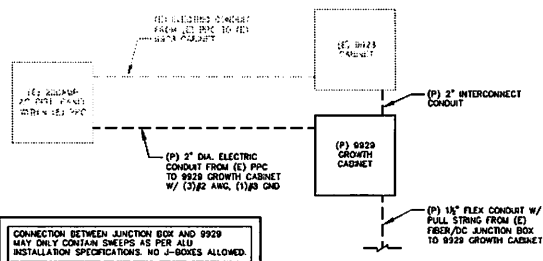
1 CONDUIT/CABLE SUPPORT FRAME
A-1A NOT TO SCALE



5 U/G CONDUIT DETAIL
A-1A NOT TO SCALE



3 CABINET BOLTING DETAILS
A-1A NOT TO SCALE

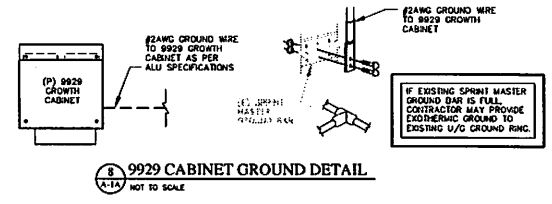


6 AC ELECTRIC SINGLE LINE DIAGRAM
A-1A NOT TO SCALE

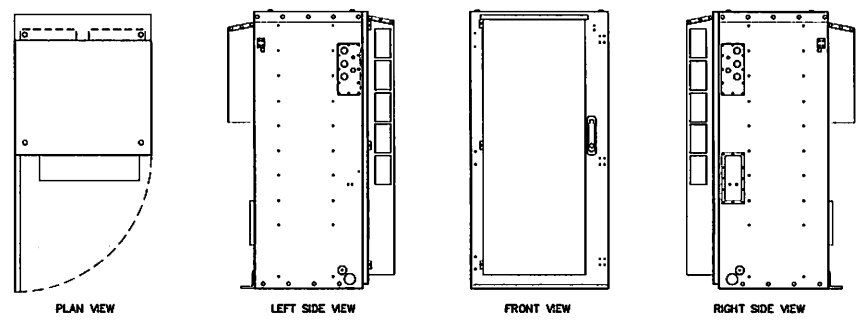
EXISTING DISTRIBUTION PANEL				
LOAD SERVED	NO	DCP	DCP NO	LOAD SERVED
WATER	1	100A	10	100A 1000W
2000W 2000VA	2	100A	11	2000W 2000VA
9929 GROWTH CABINET	2	100A	12	9929 GROWTH CABINET
	13		13	
	14		14	
	15		15	
	16		16	
	17		17	
	18		18	
	19		19	
	20		20	
	21		21	
	22		22	

ELECTRIC DISTRIBUTION PANEL IS SHOWN AS WORST CASE SCENARIO. IF AS-BUILT CONDITION VARIES FROM SHOWN DESIGN, CONTRACTOR MUST NOTIFY SPRINT CONSTRUCTION MANAGER AND DESIGN ENGINEER.

7 DISTRIBUTION PANEL
(WITHIN EXISTING PDC)
A-1A NOT TO SCALE

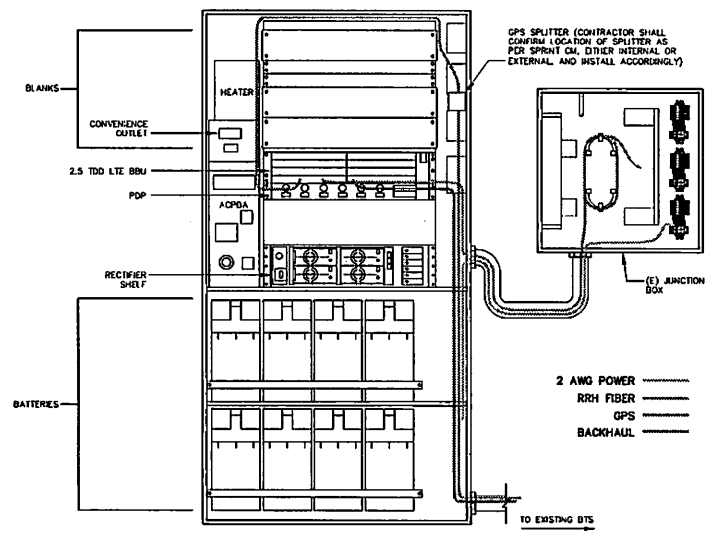


8 9929 CABINET GROUND DETAIL
A-1A NOT TO SCALE



ALU 9929 GROWTH CABINET WEIGHTS:
WEIGHT (UNLOADED) = 434 LBS
WEIGHT (FULLY LOADED) = 1,600 LBS

1 ALU 9929 GROWTH CABINET DETAILS
A-1A NOT TO SCALE



2 9929 GROWTH CABINET ELEVATION (INTERIOR VIEW)
A-1A NOT TO SCALE

Sprint

Pinnacle Telecom Group

1800 WASHINGTON AVE., 11TH FLOOR
CHICAGO, IL 60601

THESE DRAWINGS ARE FORSAUGHT TO BE FULL SIZE AT 3/32" IF DRAWINGS ARE 1/16" IF THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE BAR SCALE BELOW EACH DRAWING COMPONENT.

STATE OF NEW JERSEY
Professional Engineer
No. 40999
MICHAEL MCGOWAN
PROFESSIONAL ENGINEER
LICENSE NO. 40697

McGOWAN ENGINEERING
645 WESTWOOD AVE.
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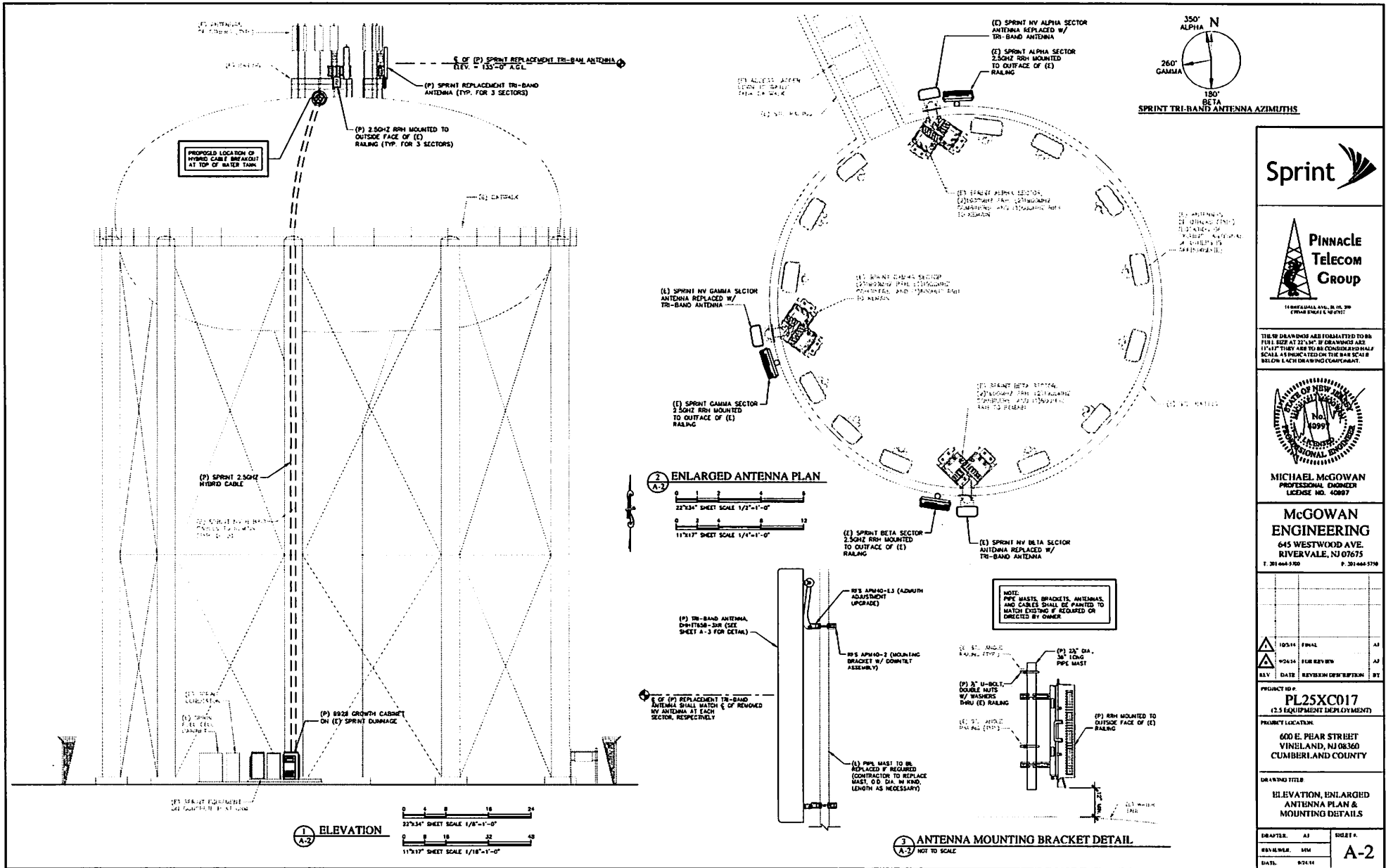
10/24/14	FINAL	AJ
10/24/14	FOR REVIEW	AF
REV	DATE	REVISION DESCRIPTION

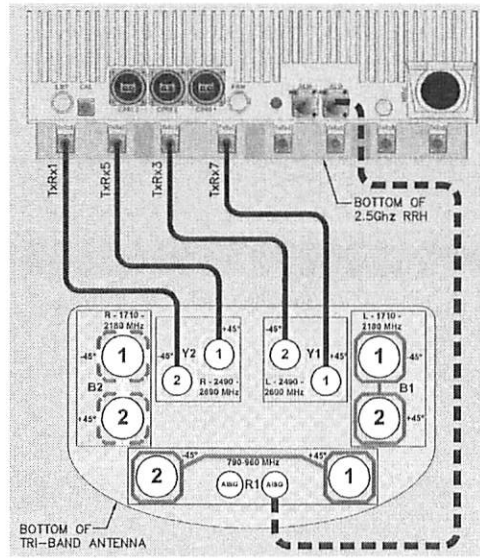
PROJECT ID #: **PL25XC017**
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:
600 E. PHAR STREET
VINELAND, NJ 08360
CUMBERLAND COUNTY

DRAWING TITLE:
CABINET DETAILS

DRAFTER: AJ	SHEET #:
REVIEWER: MM	A-1A
DATE: 10/24/14	

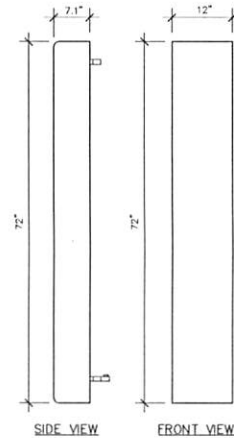




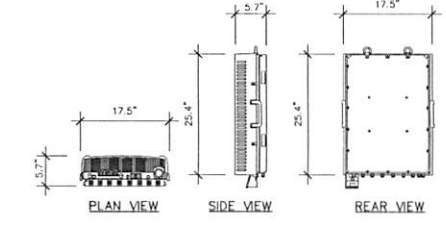
4 JUMPER CABLE CONNECTIVITY DETAIL (2.5GHz RRH TO TRI-BAND ANTENNA) A-3 NOT TO SCALE

SPRINT ANTENNA AND CABLE SCHEDULE								
SECTORS	AZIMUTH	RRH	ANTENNA	MECHANICAL OT	ELECTRICAL OT	CABLE	COLOR CODE	CABLE LENGTH
ALPHA	350°	EXISTING TD-RRH820-25 (1) RRH820-25 (2) 300MHz RRH TO BE REMOVED. INSTALL 2.5GHz RRH MODEL# TD-RRH820-25	EXISTING TDHHT65B-3XR ANTENNA TO BE REMOVED. AND REPLACED W/ TRI-BAND ANTENNA, COMMSCOPE MODEL# D-HHT65B-3XR	0"	-2"	EXISTING HYBRID CABLE FEEDING 1710MHz RRH & 2180MHz RRH TO REMAIN. INSTALL (1) NEW HYBRID CABLE TO FEED NEW 2.5GHz RRH AT ALL SECTORS	1 2490 (NEW HYBRID CABLE COLOR CODE 100)	220FT±
BETA	180°	EXISTING TD-RRH820-25 (1) RRH820-25 (2) 300MHz RRH TO BE REMOVED. INSTALL 2.5GHz RRH MODEL# TD-RRH820-25	EXISTING TDHHT65B-3XR ANTENNA TO BE REMOVED. AND REPLACED W/ TRI-BAND ANTENNA, COMMSCOPE MODEL# D-HHT65B-3XR	0"	-2"	EXISTING HYBRID CABLE FEEDING 1710MHz RRH & 2180MHz RRH TO REMAIN. INSTALL (1) NEW HYBRID CABLE TO FEED NEW 2.5GHz RRH AT ALL SECTORS	1 2490 (NEW HYBRID CABLE COLOR CODE 100)	220FT±
GAMMA	260°	EXISTING TD-RRH820-25 (1) RRH820-25 (2) 300MHz RRH TO BE REMOVED. INSTALL 2.5GHz RRH MODEL# TD-RRH820-25	EXISTING TDHHT65B-3XR ANTENNA TO BE REMOVED. AND REPLACED W/ TRI-BAND ANTENNA, COMMSCOPE MODEL# D-HHT65B-3XR	0"	-2"	EXISTING HYBRID CABLE FEEDING 1710MHz RRH & 2180MHz RRH TO REMAIN. INSTALL (1) NEW HYBRID CABLE TO FEED NEW 2.5GHz RRH AT ALL SECTORS	1 2490 (NEW HYBRID CABLE COLOR CODE 100)	220FT±

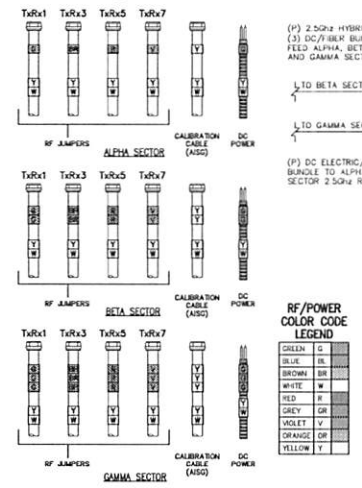
NOTE 3: PRESCRIBED CABLE LENGTH REPRESENTS THE APPROXIMATE DISTANCE BETWEEN THE JUNCTION BOX AT THE SPRINT PLATFORM AND THE RRH AT THE FURTHEST SECTOR. IT IS RECOMMENDED FOR THE CONTRACTOR TO CONFIRM EXISTING CABLE LENGTHS FOR ALL SECTORS FROM PREVIOUSLY COMPLETED ANTENNA SWEEPS, IN ORDER TO REDUCE CABLE WASTE.



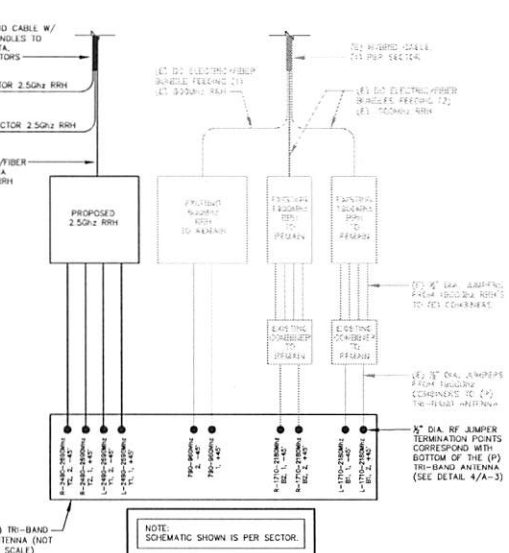
1 TRI-BAND ANTENNA DETAIL (DHHT65B-3XR) A-3 NOT TO SCALE
 FREQUENCY RANGE: 2490MHz-2690MHz
 1710MHz-2180MHz
 790MHz-960MHz
 WEIGHT: 48.5 LBS



2 RRH DETAIL (TD-RRH820-25) A-3 NOT TO SCALE
 WEIGHT: 66 LBS



3 2.5GHz JUMPER CABLE COLOR CODE A-3 NOT TO SCALE



6 TRI-BAND ANTENNA RF CABLE SCHEMATIC A-3 NOT TO SCALE

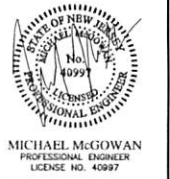
ANTENNA/CABLE BILL OF MATERIALS		
ITEM	DESCRIPTION/ MODEL #	QUANTITY/LENGTH
ANTENNA	RFS APXVW14-C-20	3
RRH	ALCAT LUCENT TD-RRH820-25	3
HYBRID CABLE	RFS 1B114-13UM12-225F	1 / 225FT
JUMPER CABLE	RFS 1CF12-50 (CONNECTORS PRE-INSTALLED BY MANUFACTURER)	15 / BFT
NET CABLE	COMMSCOPE ATC-801-08 (CONNECTORS PRE-INSTALLED BY MANUFACTURER)	3 / BFT

ANTENNA/CABLE BILL OF MATERIALS		
ITEM	DESCRIPTION/ MODEL #	QUANTITY/LENGTH
ANTENNA	RFS APXVW14-C-20	3
RRH	ALCAT LUCENT TD-RRH820-25	3
HYBRID CABLE	RFS 1B114-13UM12-225F	1 / 225FT
JUMPER CABLE	RFS 1CF12-50 (CONNECTORS PRE-INSTALLED BY MANUFACTURER)	15 / BFT
NET CABLE	COMMSCOPE ATC-801-08 (CONNECTORS PRE-INSTALLED BY MANUFACTURER)	3 / BFT

5 HYBRID CABLE DETAIL A-3 NOT TO SCALE



THESE DRAWINGS ARE FORWARDED TO BE FILED PER 47:27A-117 IF DRAWINGS ARE 17"X17" THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE DRAW SCALE BELOW EACH DRAWING COMPONENT.



MICHAEL MCGOWAN
 PROFESSIONAL ENGINEER
 LICENSE NO. 40997

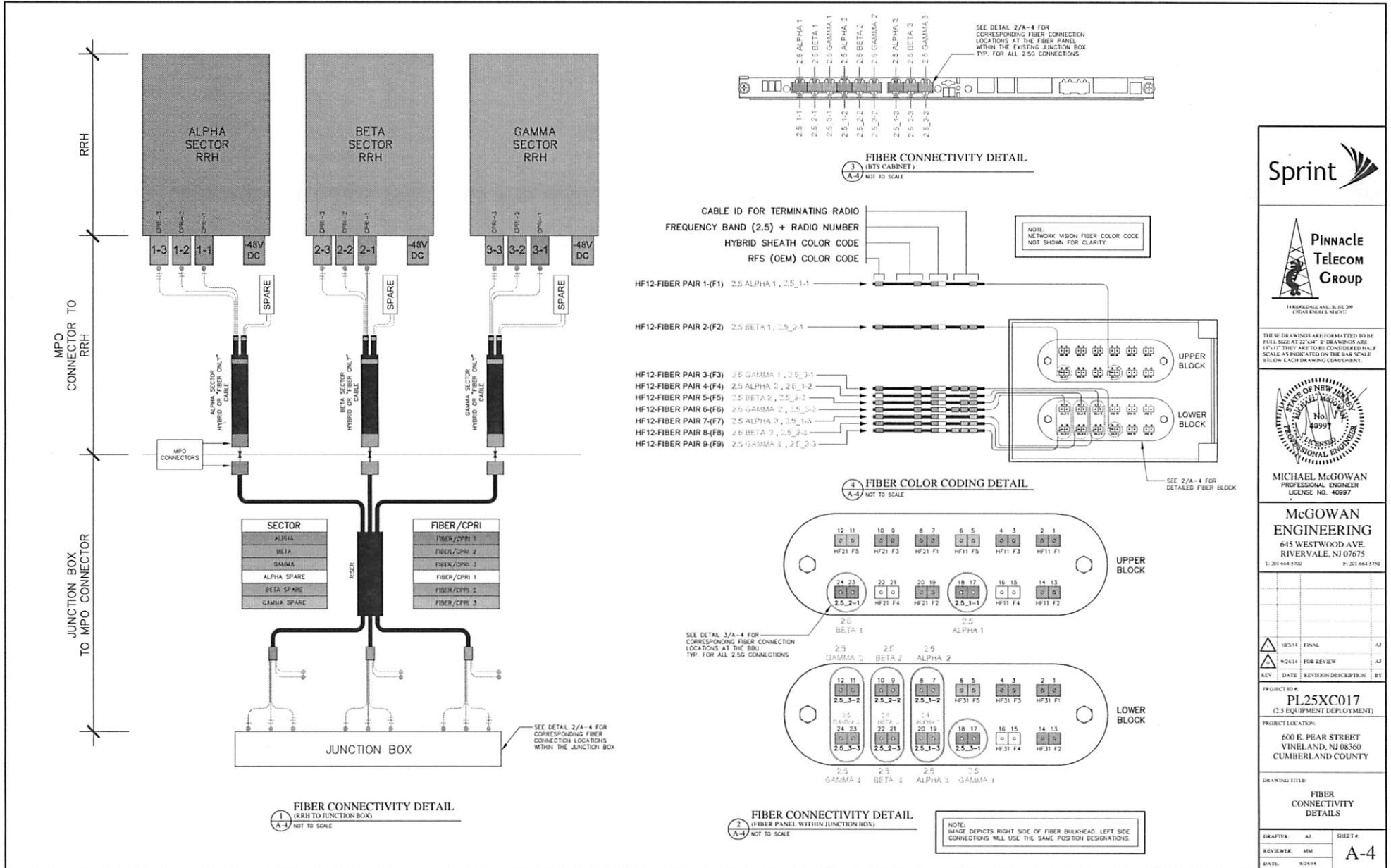
McGOWAN ENGINEERING
 645 WESTWOOD AVE.
 RIVERVIEW, NJ 07675
 T: 201-664-5700 F: 201-664-5700

PROJECT ID#
PL25XC017
 (2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:
 600 E. PEAR STREET
 VINELAND, NJ 08360
 CUMBERLAND COUNTY

DRAWING TITLE:
 ANTENNA, CABLE & RRH
 SPECS, ANTENNA CABLE
 CHART, DETAILS

DRAWER: AJ SHEET:
 REVIEWER: MM A-3
 DATE: 07/24/14



Sprint

Pinnacle Telecom Group
1400 KENNEDY AVE., SUITE 200
CHESAPEAKE, VA 23041

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"X34". IF DRAWINGS ARE 17"X17" THEY ARE TO BE CONSIDERED HALF SCALE. AS INDICATED ON THE BAR SCALE BELOW EACH DRAWING COMPONENT.

STATE OF NEW JERSEY
No. 40997
MICHAEL MCGOWAN
PROFESSIONAL ENGINEER
LICENSE NO. 40997

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645 WESTWOOD AVE.
RIVERVALE, NJ 07075
T: 201-664-5700 F: 201-664-5700

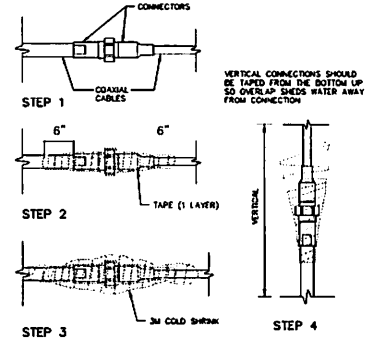
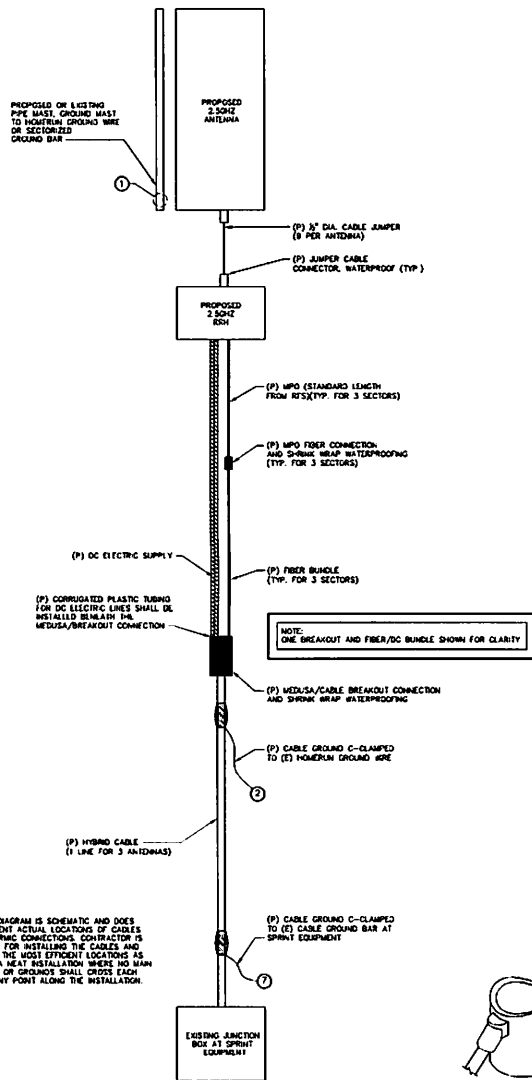
10/3/14	FINAL	AJ	
9/24/14	FOR REVIEW	AJ	
KEY	DATE	REVISION DESCRIPTION	BY

PROJECT ID #: **PL25XC017**
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:
600 E. PEAR STREET
VINELAND, NJ 08360
CUMBERLAND COUNTY

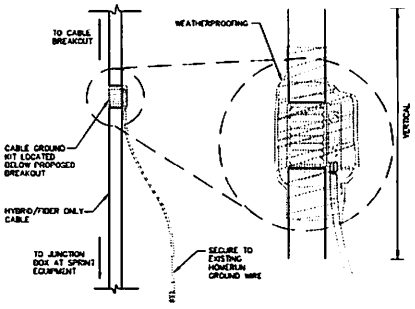
DRAWING TITLE:
FIBER CONNECTIVITY DETAILS

DRAFTER: AJ SHEET #
REVIEWER: MM
DATE: 9/24/14 **A-4**

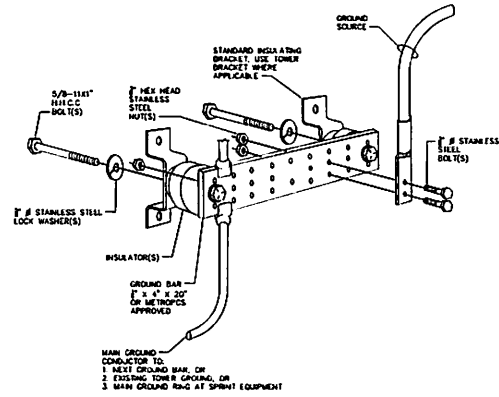


NOTE: WATERPROOFING DETAIL MAY BE SUBSTITUTED WITH SHRINK WRAP INSTALLATION.

9 (1-1) HYBRID/FIBER ONLY CABLE WATERPROOFING DETAIL
NOT TO SCALE



9 (1-1) HYBRID/FIBER ONLY CABLE GROUNDING KIT DETAIL
NOT TO SCALE



NOTE: CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL GROUND BARS THAT ARE MISSING AND RECONNECT GROUND CONNECTIONS AS REQUIRED INCLUDING ALL SPRINT GROUND CONNECTIONS THAT ARE NOT DIRECTLY RELATED TO THE 3 SCALE PROJECT.

10 (1) GROUND BAR DETAIL
NOT TO SCALE



GROUNDING CONNECTIONS
NTS

NOTE: GROUNDING DIAGRAM IS SCHEMATIC AND DOES NOT REPRESENT ACTUAL LOCATIONS OF CABLES AND ELECTRICAL CONNECTIONS. CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE CABLES AND GROUNDS IN THE MOST EFFECTIVE LOCATIONS AS TO CREATE A NEAT INSTALLATION WHERE NO MAIN CABLES AND OR GROUNDS SHALL CROSS EACH OTHER AT ANY POINT ALONG THE INSTALLATION.

ANTENNA/HYBRID CABLE GROUNDING AND WATERPROOFING SCHEMATIC
NTS

Sprint

Pinnacle Telecom Group

1400 PEARL AVENUE, SUITE 200
CLARK TOWNSHIP, NJ 07066

THESE DRAWINGS ARE FORWARDED TO THE FIELD FOR AS-BUILT BY DRAWN AND AS-BUILT IF THEY ARE TO BE CONSIDERED HALF SCALE. APPROVED BY THE BAR SCALE BELOW EACH DRAWING ELEMENT.

MICHAEL MCGOWAN
PROFESSIONAL ENGINEER
LICENSE NO. 40897

McGOWAN ENGINEERING
645 WESTWOOD AVE.
RIVERVALE, NJ 07675
T: 201-666-1100 F: 201-666-1170

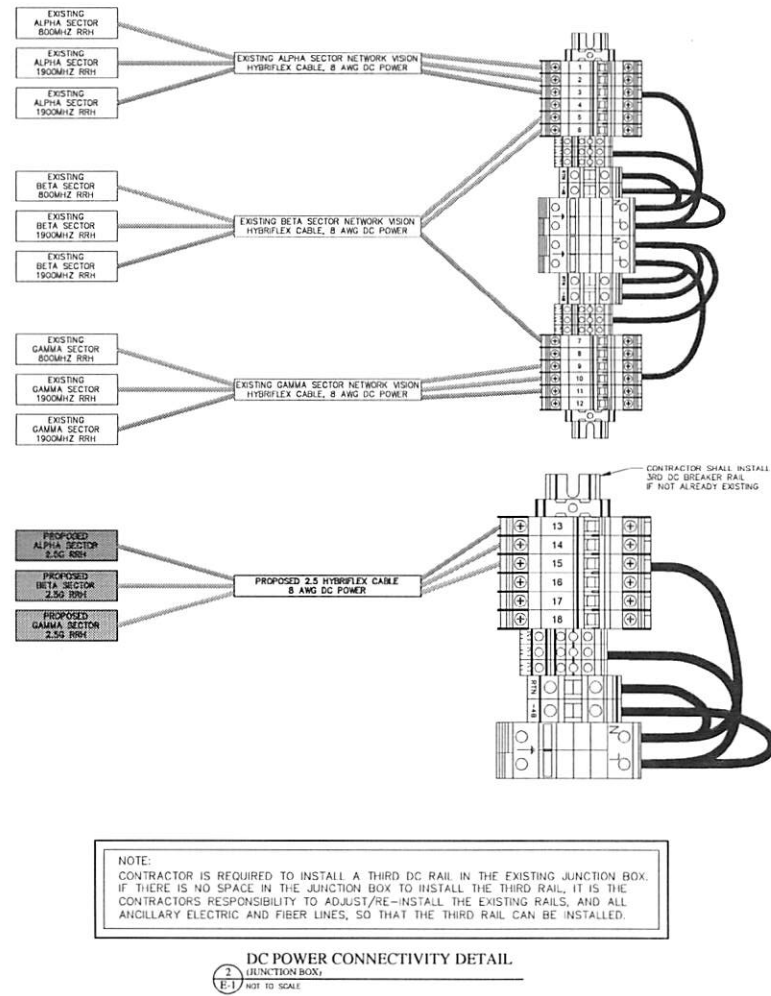
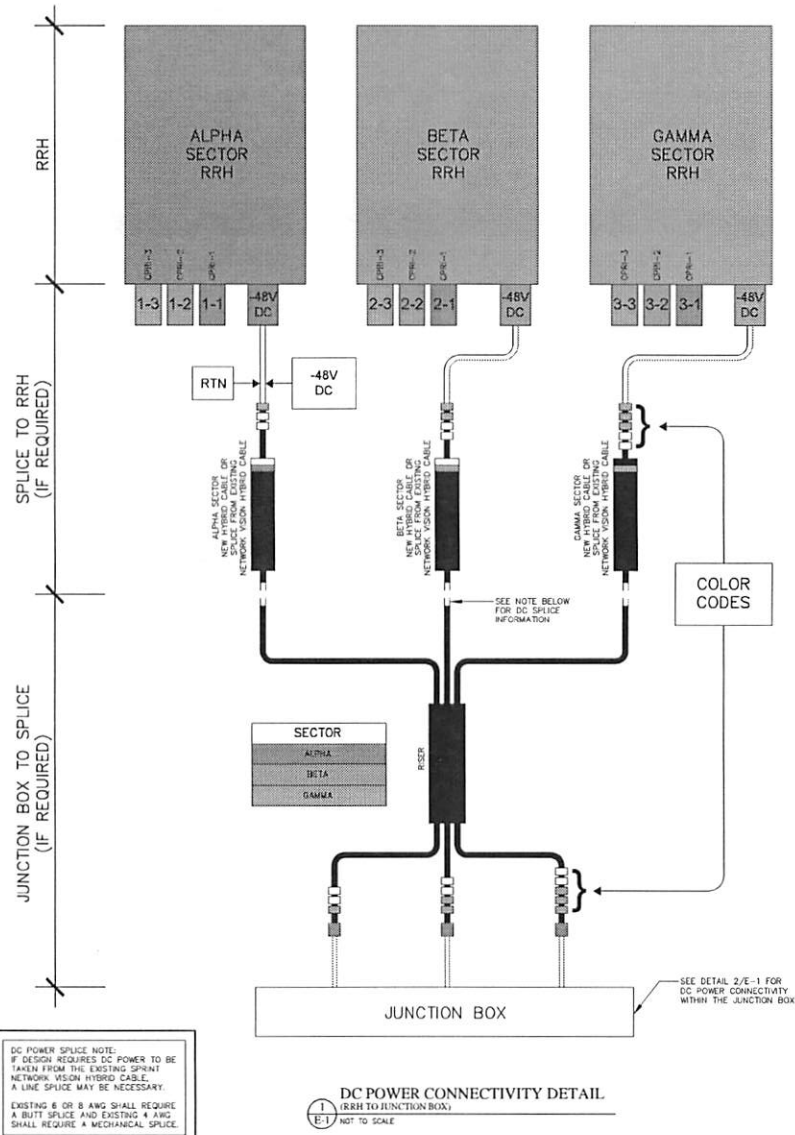
10/24/14	3/24/14	AS
10/24/14	3/24/14	AS
REV	DATE	REVISION DESCRIPTION BY

PROJECT NO: **PL25XC017**
(2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:
600 E. PEARL STREET
VINELAND, NJ 08360
CUMBERLAND COUNTY

DRAWING TITLE:
(GROUNDING) AND WATERPROOFING DETAILS

DRAWN BY: AJ	DESIGN: G-1
REVISED BY: MM	
DATE: 07/14	



Sprint

Pinnacle Telecom Group
 1800 KENIL AVE. SU. 101 2ND FLOOR KENILA NJ 07033

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"x34" IF DRAWINGS ARE 17"x17" THEY ARE TO BE CONSIDERED HALF SCALE AS INDICATED ON THE BAR SCALE BELOW EACH DRAWING COMPONENT.

STATE OF NEW JERSEY
 PROFESSIONAL ENGINEERING BOARD
 No. 40997
 MICHAEL MCGOWAN
 PROFESSIONAL ENGINEER
 LICENSE NO. 40997

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REV	DATE	REVISION DESCRIPTION	BY
10/14		FINAL	AJ
9/24/14		FOR REVIEW	AJ

PROJECT NO: **PL25XC017**
 (2.5 EQUIPMENT DEPLOYMENT)

PROJECT LOCATION:
 600 E. PEAR STREET
 VINELAND, NJ 08360
 CUMBERLAND COUNTY

DRAWING TITLE:
DC ELECTRICAL DETAILS

DRAFTER: AJ	SHEET #:
REVIEWER: ASM	E-1
DATE: 9/24/14	