FIRST AMENDMENT TO LICENSE

THIS FIRST AMENDMENT TO LICENSE ("First Amendment") dated as of the later date below is by and between Montgomery County, Maryland, a body corporate and politic, (hereinafter referred to as "Licensor") and New Cingular Wireless PCS, LLC, successor by merger to Southwestern Bell Mobile Systems, Inc., dba Cellular One Washington/Baltimore, having a mailing address at 575 Morosgo Drive, Atlanta, GA 30324 (hereinafter referred to as "Licensee").

WHEREAS, Licensor and Licensee (or their predecessors in interest) entered into a License Agreement dated July 14th, 1994 ("License"), whereby Licensor licensed to Licensee certain Premises, therein described, that are a portion of the Property located at 121100 Darnestown Road, Montgomery County, State of Maryland and being described as a parcel recorded in Book 7468 at Page 207, all as shown on Tax Map ES 562; and

WHEREAS, the term of the License expired on August 18, 2014 and Licensor acknowledges that Licensee has been occupying the Premises on a month-to-month basis and Licensor has accepted License Fee during such month-to-month period from Licensee and the parties mutually desire to renew the License, memorialize such renewal period and modify the License in certain other respects, all on the terms and conditions contained herein; and

WHEREAS, Licensor and Licensee desire to extend the term of the License; and

WHEREAS, Licensor and Licensee desire to modify, as set forth herein, the License Fee (as defined below) payable under the License; and

WHEREAS, Licensor and Licensee, in their mutual interest, further wish to amend the License as set forth below.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Licensor and Licensee agree as follows:

1. Reinstatement and Ratification. The License, including all amendments thereto, if any, entered into prior to the date hereof, is attached hereto as Exhibit B. Licensor and Licensee hereby reinstate, ratify, confirm and adopt the License, as amended herein, as of the latter signature date below.

2. Exhibit A of the license agreement is hereby deleted in its entirety and replaced with Exhibit A-1.
3. **Term.** The term of the License shall be amended to provide that the License has a new initial term of sixty (60) months (“New Initial Term”), commencing on October 1st, 2017 (“New Term Commencement Date”). As of such New Term Commencement Date, all remaining renewal terms in the License except as set forth herein shall be void and of no further force and consequence. The License will be automatically renewed for up to two (2) additional sixty (60) month terms (each an “Extension Term”) upon the same terms and conditions of the License, as amended herein, without further action by Licensee, unless Licensee notifies Licensor in writing of Licensee’s intention not to renew the License at least sixty (60) days prior to the expiration of the then current Extension Term. Hereafter, the defined term “Term” shall include the New Initial Term and any applicable Extension Term. Licensor agrees and acknowledges that except that as such permitted use or other rights may be amended herein, Licensee may continue to use and exercise its rights under the License as permitted prior to the New Initial Term.

4. **Modification of License Fee.** Commencing on October 1, 2017, the License Fee payable under the License shall be Three Thousand One Hundred and Forty-Six Dollars and 10/100 Dollars ($3,146.10) per month (the ”License Fee”), and shall continue during the Term, subject to adjustment, if any, as provided below. Within sixty (60) days of the New Term Commencement Date Licensee shall pay Licensor a one-time back License Fee amount of Five Thousand No/100 Dollars ($5,000.00). Upon receipt of payment, License Fee payments for the License term of September 1, 1994 through September 30, 2017 will be deemed current to the date of the New Initial Term.

5. **Future License Fee Increase Monthly Payments.** The License is amended to provide that commencing on October 1, 2018 License Fee shall increase by three (3 %) percent annually over the License Fee paid during the previous year on the anniversary of the New Initial Term and each year thereafter.

6. **24/7 Access.** Licensor hereby grants to Licensee, its authorized licensees, and to any public or private utility serving Licensee’s Communications Facility or related equipment, access to the Premises and to and over the Property twenty-four hours per day, seven days per week (24/7), including but not limited to, access from an accessible, open and maintained public road to the Premises, for the installation, maintenance, repair, modification, alteration, or refurbishment of the Communications Facility or any equipment related to such Communications Facility as such access is deemed necessary by Licensee, in its sole discretion, without the requirement of notice by Licensee to Licensor. In the event that any public or private utility serving Licensee's Communications Facility is unable to use the access provided to Licensee, the Licensor hereby agrees to grant additional access to Licensee or to such public or private utility, for the benefit of Licensee, at no cost to Licensee and pursuant to the same terms and conditions as noted above. The terms and conditions regarding access in the License remain in full force and effect, except as modified by this paragraph.
7. Acknowledgement. Licensor acknowledges that: 1) this First Amendment is entered into of the Licensor's free will and volition; 2) Licensor has read and understands this First Amendment and the underlying License and, prior to execution of this First Amendment, was free to consult with counsel of its choosing regarding Licensor's decision to enter into this First Amendment and to have counsel review the terms and conditions of this First Amendment; 3) Licensor has been advised and is informed that should Licensor not enter into this First Amendment, the underlying License between Licensor and Licensee, including any termination or non-renewal provision therein, would remain in full force and effect.

8. Notices. Paragraph 16 of the License is hereby deleted in its entirety and replaced with the following:

NOTICES. All notices, requests, demands and communications hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows: If to Licensee:

New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site # 10004887
Cell Site Name Quince Orchard (MD); Fixed Asset No.: 10004887
575 Morosgo Drive
Atlanta, GA 30324

With a required copy of the notice sent to the address above to AT&T Legal at:

New Cingular Wireless PCS, LLC
Attn: AT&T Legal Department
Re: Cell Site # 10004887
Cell Site Name Quince Orchard (MD); Fixed Asset No: 10004887
208 S. Akard Street
Dallas, Texas, 75202-4206

A copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.
And as to Licensor:

Montgomery County, Maryland  
Department of General Services  
Office of Real Estate  
101 Monroe Street, 9th floor  
Rockville, Maryland 20850  
Attn: Director

With a copy that does not constitute notice to:

Office of the County Attorney for Montgomery County, Maryland  
101 Monroe Street, 3rd Floor  
Rockville, Maryland 20850  
Attn: DGS Attorney

Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein."

9. **Other Terms and Conditions Remain.** In the event of any inconsistencies between the License and this First Amendment, the terms of this First Amendment shall control. Except as expressly set forth in this First Amendment, the License otherwise is unmodified and remains in full force and effect. Each reference in the License to itself shall be deemed also to refer to this First Amendment.

10. **Capitalized Terms.** All capitalized terms used but not defined herein shall have the same meanings as defined in the License.
IN WITNESS WHEREOF, the parties have caused their properly authorized representatives to execute and seal this First Amendment on the date and year below.

LICENSOR:

By: 
Print Name: 
Title: 
Date: 

LICENSEE:

New Cingular Wireless PCS, LLC, 
a Delaware limited liability company

By: AT&T Mobility Corporation 
Its: Manager

Print Name: 
Title: 
Date: 

Amendment – Renewal Category 1 / Renewal Category 2 / Renewal Category 3, 4, 5, 6 / Rent Reduction
LICENSOR ACKNOWLEDGEMENT

STATE OF ________
COUNTY OF ________

I CERTIFY that on ________, 2018, ________ [name of representative] personally came before me and acknowledged under oath that he or she:
(a) is the ________ [title] of ________, the corporation named in the attached instrument;
(b) was authorized to execute this instrument on behalf of the corporation; and
(c) executed the instrument as the act of the corporation.

[Signature]
Notary Public: ____________
My Commission Expires: ____________

Cell Site Name: Quince Orchard
Fixed Asset No.: 10004887
Market: Baltimore/Washington
Address: Darnestown Road RT 124 & RT 28
LICENSEE ACKNOWLEDGEMENT

STATE OF Maryland ) SS.
COUNTY OF Charles )

I certify that I know or have satisfactory evidence that Jennifer Van Riper is the person who appeared before me, and said person acknowledged that he/she signed this instrument, on oath stated that he/she was authorized to execute the instrument and acknowledged it as the Area Manager CSE of AT&T Mobility Corporation, the Manager of New Cingular Wireless PCS, LLC, a Delaware limited liability company, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: 2/2/18

Notary Seal

(Signature of Notary)

(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of

My appointment expires: ____________________

BARBARA FRANCIS
Notary Public - Maryland
Charles County
My Commission Expires
September 27, 2021
EXHIBIT A-1

Construction Drawings dated August 18, 2017
1.1 THE WORK SHALL COMPLY WITH APPUCABLE NATIONAL CODES AND STANDARDS, LATEST EDITION, AND POSITIONS THEREOF, EXCEPT WHERE NOTED OTHERWISE.

1.3 POINT OF CONTACT: COMMUNICATION BETWEEN THE COMPANY AND THE CONTRACTOR SHALL FLOW THROUGH THE SINGLE COMPANY SITE DEVELOPMENT SPECIALIST OR OTHER PROJECT COORDINATOR APPOINTED BY THE COMPANY OR COMPANY'S DESIGNATED REPRESENTATIVE TO BE RESPONSIBLE FOR REPAIRING ALL LINES DAMAGED DURING EXCAVATION AND ALL ASSOCIATED OPERATIONS ALL REPAIRS SHALL BE APPROVED BY THE CONTRACTOR'S ENGINEER.

2.2 ACCESS TO WORK: THE CONTRACTOR SHALL PROVIDE ACCESS TO THE SITE FOR AUTHORIZED COMPANY PERSONNEL AND AUTHORIZED PERSONNEL.'S ACTIVITIES, CONTRACTOR SHALL IMMEDIATELY RETURN THEM TO ORIGINAL CONDITION.

2.4 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS AND TECHNIQUES, AND THE CONTRACTOR SHALL PROVIDE PROPER INSURANCE AS REQUIRED IN THE CONTRACT DOCUMENTS.

2.5 DIMENSIONS: VERIFY DIMENSIONS INDICATED ON DRAWINGS AND CONSTRUCTION MEANS AND METHODS OF MATERIALS. DO NOT SCALE DRAWINGS.

2.6 EXISTING CONDITIONS: NOTIFY THE COMPANY REPRESENTATIVE OF EXISTING CONDITIONS BEFORE THEIR ENTRY INTO THE WORK. THE CONTRACTOR SHALL BE DESCRIED TO ALL PROGRESS REPORTS AND DOCUMENTS.

4.1 CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE FROM THE SITE ALL REMAINING RUBBISH.

4.2 EQUIPMENT ROOHS SHALL BE STORED OR MAINTAINED "AS IS" AS PERMITTED IN THE CONTRACT DOCUMENTS.

4.3 CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO DISCOVER AND LOCATE ANY HAZARDOUS CONDITIONS.

4.4 CONTRACTORS ACTIVITIES SHALL BE RESTRICTED TO THE PROJECT LIMITS. CONTRACTORS ACTIVITIES' CONTRACTOR SHALL IMMEDIATELY REPAIR ANYFFECTED DRAWINGS.

4.5 CONSULT TESTING AS REQUIRED HEREIN.

5.1 TESTS AND INSPECTIONS:

5.2 TESTS AND INSPECTIONS:

6.1 CONTRACTOR SHALL PROVIDE PROPER INSULATION AND GUARDING SYSTEM DESIGN.

6.2 CONTRACTOR SHALL PROVIDE PROPER INSULATION AND GUARDING SYSTEM DESIGN.

6.3 CONTRACTOR SHALL PROVIDE PROPER INSULATION AND GUARDING SYSTEM DESIGN.

6.4 CONTRACTOR SHALL PROVIDE PROPER INSULATION AND GUARDING SYSTEM DESIGN.

6.5 CONTRACTOR SHALL PROVIDE PROPER INSULATION AND GUARDING SYSTEM DESIGN.
EXISTING BUILDING (TYP)
EXISTING MONOPOLE
EXISTING COMPOUND
EXISTING PARKING LOT

GRAPHIC SCALE:

SCALE (11x17): 1" = 100'-0'
SCALE (22x34): 1" = 50'-0'

NORTH
EXISTING CABINET ON CONCRETE PAD

EXISTING CARRIER EQUIPMENT SHELTER

EXISTING MONOPOLE

EXISTING ACCESS GATE

EXISTING CHAIN LINK FENCE

EXISTING AT&T EQUIPMENT ROOM

EXISTING AT&T ICE BRIDGE

EXISTING (12) AT&T 1 7/8 T COAX

EXISTING (1) AT&T 1 2PR FIBER CABLE

EXISTING (2) AT&T JILIAWG / 6C DC TRUNKS

EXISTING (1) 1BPR EWER CABLE

INSTALL (3) 6/C DC CABLES

EXISTING CARRIER ICE BRIDGE

EXISTING ACCESS DOOR (TAB)

GRAPHIC SCALE:

SCALE (11x17): 1" = 10'-0"

SCALE (22x34): 1" = 5'-0"
INTEGRITY REGARDING ITS EASING OR PROPOSED INFINIGY ENGINEERING HAS NOT EVALUATED THE RESULTS OF PASSING STRUCTURAL ANALYSIS.

EXISTING CARRIER PANEL
- EXISTING (1) 006 (TO REMAIN)
- EXISTING (3) SLACK BOXES (TO REMAIN)
- PROPOSED (3) OC6s
- PROPOSED (2) OC6s
- PROPOSED (9) RRHs

EXISTING MONOPOLE
- EXISTING ANTENNAS (SHARED)
- EXISTING ANTENNAS (TO REMAIN)
- EXISTING KATHREIN ANTENNAS (SHARED)
- EXISTING KATHREIN ANTENNAS (TO REMAIN)
- EXISTING (2) 2/8" POWERCABLES (TO REMAIN)

PROPOSED CABLE SCHEDULE AND RF SYSTEM DESIGN PLAN

<table>
<thead>
<tr>
<th>SECTOR</th>
<th>ANTENNA MODEL</th>
<th>ANTENNA SERIES</th>
<th>ANTENNA TYPE</th>
<th>KATHREIN MODELS/MODEL</th>
<th>INTERCONNECTORY TYPE/NUMBER</th>
<th>DC TRUNK NUMBER/NUMBER</th>
<th>CABLE TYPE</th>
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<tr>
<td>A</td>
<td>KATHREIN</td>
<td>EPB0-554LR16-L2</td>
<td>12PR</td>
<td>RRH-FRE-16 (1444)</td>
<td>1008-08-45</td>
<td>1900A-07L</td>
<td>12PR</td>
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<td>B</td>
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PROPOSED FEEDER SCHEDULE AND RF SYSTEM DESIGN PLAN

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<tr>
<th>FEEDER TYPE</th>
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<td>1008-08-45</td>
<td>1900A-07L</td>
</tr>
</tbody>
</table>

NOTE: THE ANTENNA AND FEEDER SCHEDULES HAVE BEEN CREATED USING THE FOLLOWING ANTENNA SPECIFICATIONS:
- KATHREIN MODEL NO: 80010121V01 CONNECTOR, 7-16 DIN FEMALE
- RADOME COLOR: LIGHT GRAY
- WEIGHT, W/ RADOME: 44.1 LBS

RF DESIGN NOTE: THE ANTENNA AND FEEDER SCHEDULES HAVE BEEN CREATED USING THE FOLLOWING ANTENNA SPECIFICATIONS:
- KATHREIN MODEL NO: 80010121V01 CONNECTOR, 7-16 DIN FEMALE
- RADOME COLOR: LIGHT GRAY
- WEIGHT, W/ RADOME: 44.1 LBS

ELEVATION AND RF SCHEDULE

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ANTENNA DETAIL

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REMOVED ANTENNA DETAIL

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</table>

INTEGRITY REGARDING ITS EASING OR PROPOSED INFINIGY ENGINEERING HAS NOT EVALUATED THE RESULTS OF PASSING STRUCTURAL ANALYSIS.
EXISTING AT&T PANEL ANTENNA (AT POSITIONS 1 AND 2, TO REMAIN)
(TYP. OF (1) ANTE. PER SECTOR, (3) SECTORS TOTAL)

ANTENNA ORIENTATION PLAN (EXISTING)
NORTH
NOT TO SCALE

EXISTING OCR SURGE EXISTING RRH TO REMAIN
(TOP. OF (2) PER SECTOR, (3) SECTORS TOTAL)

EXISTING UNISTRUT FRAME
(TYP. (1) PER SECTOR, (3) SECTORS TOTAL)

EXISTING PANEL ANTENNA (AT POSITIONS 14, TO BE REPLACED)
(TYP. OF (1) ANTENNAS PER SECTOR, (3) TOTAL)

EXISTING UNISTRUT FRAME
(TYP. (1) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED RRH (TOP. OF (3) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED PANEL ANTENNA
(TOP. OF (1) PER SECTOR, (3) TOTAL)

EXISTING OCR SURGE EXISTING RRH TO REMAIN
(TOP. OF (2) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED SLACK BOX (TOP. OF (3) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED UNISTRUT FRAME
(TYP. (1) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED SLACK BOX (TOP. OF (3) PER SECTOR, (3) SECTORS TOTAL)

PROPOSEDystacked
(TYP. OF (2) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED UNISTRUT FRAME
(TYP. (1) PER SECTOR, (3) SECTORS TOTAL)

EXISTING OCR SURGE EXISTING RRH TO REMAIN
(TOP. OF (2) PER SECTOR, (3) SECTORS TOTAL)

PROPOSED PANEL ANTENNA
(TOP. OF (1) PER SECTOR, (3) TOTAL)

EXISTING OCR SURGE EXISTING RRH TO REMAIN
(TOP. OF (2) PER SECTOR, (3) SECTORS TOTAL)

EXISTING PANEL ANTENNA (AT POSITIONS 1 AND 2, TO REMAIN)
(TYP. OF (1) PER SECTOR, (3) SECTORS TOTAL)

ANTENNA ORIENTATION PLAN (PROPOSED)
NORTH
NOT TO SCALE
Site Name: Quince Orchard
FA Number: 10004887
Design Criteria: Sector Expansion (LTE 4C + Firstnet)
Site Type: DC6
Tower type: Monopole
Antenna rad center: 53° AGL

Scope of Work

Power scoping:
1. Install new Cordex converter system w/ (3) new converter modules
2. Install (9) new 20A DC breakers in new shelf for (9) new RRHs
3. Remove (2) existing batteries and rack and replace with (2) new battery racks w/ (30) new batteries

Shelter scoping:
1. Decom UAATS 1900 technology
2. Decom GSM technology
3. Remove existing HU and replace with Nokia FM4 Asia C1 and C2
4. Install (9) 20A DC breakers for additional (9) RRHs
5. Install OC12-RM

Cable scoping:
1. Install (3) 6/C DC cable to support additional (9) RRHs
2. Install (1) 18pr fiber cable to support additional (9) RRHs

Tower scoping:
1. Install (2) new DC6s to support additional (9) RRHs
2. Install 1" conduit from 1st new DC to 2nd new DC6 for fiber pairs

Alpha/Beta/Gamma sectors:
1. Remove existing antenna at position 114 and replace with new EPBQ antenna
2. Install new 814 RRH at position 04
3. Install new 866A RRH at position 04
4. Install new WCS RRH at position 04
5. Install (2) new slack boxes at position 84
6. Install (2) 1" conduits from new OCR to 1st new slack box for fiber & DC feeders
7. Install (2) 111" conduits from new 2nd new DC6 to 2nd new slack box for fiber & DC feeders
8. Install (2) 1" conduits from 1st new slack box to new 814 RRH at position #4
9. Install (2) 1" conduits from 1st new slack box to new 866A RRH at position #4
10. Install (2) 1" conduits from 2nd new slack box to new WCS RRH at position #4
11. Install (2) 1" conduit from 866A RRH to antenna at position #4
12. Install (2) 1" conduit from WCS RRH to antenna at position #4
13. Install (2) 1" conduit from 814 RRH to antenna at position #4
14. Install (8) coax jumpers from B66A RRH to antenna at position #4
15. Install (4) coax jumpers from WCS RRH to antenna at position #4
16. Install (4) coax jumpers from 866A RRH to antenna at position #4
17. Install (4) coax jumpers from 814 RRH to antenna at position #4
NOTES:

1. ALCATEL-LUCENT (ALU) VIA AT&T SUPPLIES THE RRH. SUBCONTRACTOR SHALL SUPPLY INSTALLATION HARDWARE AND ALL MOUNTING HARDWARE INCLUDING ALL RRH WALL MOUNTING BRACKETS NEEDED. ALL UNWIRING BOXES NEEDED.

2. CLEARANCE TABLES ARE FOR RRH WITHOUT MOUNTING HARDWARE.

3. UNEXISTING BOXES, LEFT TO SCALE.

4. POWER AND FIBER OPTIC TRUNK CABLES COLLECTED MOUNTED IN MOUNTED EQUIPMENT.

5. NO PAINTING OF THE RRH OR SOLAR SHIELD IS ALLOWED.

6. 1-1/2" EA. SOH 48 STAINLESS STEEL OR GALV PIPE (CONTRACTOR TO CUT TO LENGTH) (TYP.).

7. SUBCONTRACTOR SHALL SUPPLY ALU RRH WALL NEEDED.

MANUFACTURER STANDARD MOUNTING BRACKET

MOUNTING PIPE (CONTRACTOR TO CONFIRM).

DCB-48 60-18-W MOUNT ON SECTOR WEATHER TOWER EXIT PORT ON ANTENNA OR VERTICAL MAST.

PROPOSED DC 6 MOUNTING DETAIL

NOT TO SCALE.

UNITVIEW

TOP VIEW

PROPOSED FIBER INTERFACE & DC SURGE SUPPRESSOR "SOME", HINGE PART.

NUMBER DCE-48 60-18-W MOUNT ON SECTOR WEATHER TOWER EXIT PORT ON ANTENNA OR VERTICAL MAST.

2. CHANNEL MOUNTING HARDWARE SHALL HAVE HOT-DIPPED GALVANIZED LADIES.

3. RRH TO SUBCONTRACTOR WIRE & ANTENNA BOLTING HARDWARE ARE SPECIFIED.

4. 2-3/8" OA. SOH 48 STAINLESS STEEL OR SEI 17 PIPE (CONTRACTOR TO CONFIRM) (TYP.)

5. NO PAINTING OF THE RRH OR SOLAR SHIELD IS ALLOWED.

MANUFACTURER STANDARD MOUNTING BRACKET

MOUNTING PIPE (CONTRACTOR TO CONFIRM).

DCB-48 60-18-W MOUNT ON SECTOR WEATHER TOWER EXIT PORT ON ANTENNA OR VERTICAL MAST.
LEGEND

1. SOLID TINNED COPPER GROUND BAR, 1/4" x 4" x 20", NEWTON INSTRUMENT CO, HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION
2. INSULATORS, NEWTON INSTRUMENT CO, CAT NO. 3031-4
3. 5/8" LOCK WASHERS, NEWTON INSTRUMENT CO, CAT NO. 3015-6
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO, CAT NO. A-808
5. 3/8-11 x 1" A.H.C.S. BOLTS, NEWTON INSTRUMENT CO, CAT NO. 2012-1
6. GROUND BAR SHALL BE SIZED TO ACCOMMODATE ALL GROUNDING CONNECTIONS REQUIRED PLUS PROVIDE 50% SPARE CAPACITY
7. GROUND BARS SHALL NEITHER BE FIELD FABRICATED NOR NEW HOLES DRILLED
8. GROUND LUGS SHALL MATCH THE HOLE SPACING ON THE BAR
9. HARDWARE DIAMETER SHALL BE MINIMUM 3/8"

GROUNDING SYMBOLS

- COMPRESSION TYPE CONNECTION
- EXOTHERMIC WELD TYPE CONNECTION
- #7/0 COPPER CONDUCTOR BURIED GROUND CABLE

GROUNDING DETAILS

1. GROUND PROPOSED PANEL ANTENNA TO EXISTING ANTENNA GROUND BAR (TOP) PER MANUFACTURER SPEC
2. GROUND PROPOSED PANEL ANTENNA TO EXISTING ANTENNA GROUND BAR (TOP) PER MANUFACTURER SPEC

CONNECTION OF GROUND WIRES TO GROUNDING BARS & ANTENNAS

1. GROUND PROPOSED PANEL ANTENNA TO EXISTING ANTENNA GROUND BAR (TOP) PER MANUFACTURER SPEC

SCHEMATIC DIAGRAM GROUNDING SYSTEM

1. ALPHA SECTOR
2. BETA SECTOR
3. GAMMA SECTOR

CONNECTION OF GROUND WIRES TO GROUNDING BARS & ANTENNAS

1. GROUND PROPOSED PANEL ANTENNA TO EXISTING ANTENNA GROUND BAR (TOP) PER MANUFACTURER SPEC

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