

ORIGINAL

October 4, 2017

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: EM-AT&T-106-161206 Notice of Completion of Construction for New Cingular Wireless/ AT&T Facility at 226 Ferry Road, Old Saybrook, CT

Dear Ms. Bachman:

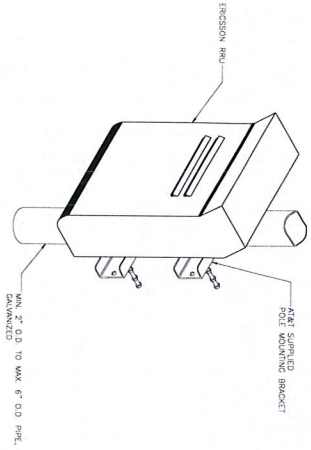
The purpose of this letter is to notify you that the scope of work was changed to a groundwork solution only. No tower work was completed on this tower. I am including a copy of the drawings here for your reference. Construction activity associated with the above-referenced decision has been completed.

If you have any questions or need any additional information regarding this facility, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicole Caplan", with a long horizontal flourish extending to the right.

Nicole Caplan
Empire Telecom
Site Acquisition Specialist
16 Esquire Road
Billerica, MA 01862
ncaplan@empiretelecomm.com
Phone 978-284-3906



ISOMETRIC VIEW

- NOTES
1. SEE RIB SUPPLY RIB AND RIB INSTALLATION BRACKET. CONTRACTOR SHALL VERIFY RIB PROFILE AND CENTER RIB INSTALLS RIB AND WARES DOUBLE TERMINATIONS.
 2. NO PAINTING OF THE RIB OR SOLAR SHIELD IS ALLOWED.

1 TYPICAL RIBS MOUNTING DETAILS

N-1
SCALE N/A

NOTES AND SPECIFICATIONS

DESIGN BASIS

- CONFORM TO 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2006 CITY STATE BUILDING CODE AND 2009 ADDENDUMS.
1. REGION CEMEX
 2. REGION CEMEX
 3. REGION CEMEX

PARAMOUNT LOADS

- WIND LOAD PER USC 26.2-2012 SECTION 26.2-2012 (FORM 8) (10-MINUTE)
- SNOW LOAD PER USC 26.2-2012 SECTION 26.2-2012 (FORM 8) (10-MINUTE)
- LIVE LOAD PER USC 26.2-2012 SECTION 26.2-2012 (FORM 8) (10-MINUTE)

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE GOVERNING BUILDING CODE.
2. THE CONTRACTOR SHALL VERIFY THE VENTING OPERATION, BUT A VENT PIPE SHALL BE PROVIDED TO BE SUBSTITUTED TO ANY OPERATING VENT PIPE THAT IS NOT OPERATING.
3. BEFORE BEGINNING THE WORK, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS AND WITH ARCHITECTURAL AND SITE DRAWINGS BEFORE SUBMITTING A CONSTRUCTION PLAN TO THE SITE WHICH MAY AFFECT PERFORMANCE AND COST OF THE WORK.
4. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST EXISTING FIELD CONDITIONS.
5. THE CONTRACTOR SHALL VERIFY AND COMMAND THE SIZE AND LOCATION OF ALL DIMENSIONS, SPACES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
6. SURFACE AND SUBSTRATE CONDITIONS ARE APPROXIMATE AND CONTRACTOR SHALL VERIFY AND COMMAND THE SIZE AND LOCATION OF ALL DIMENSIONS, SPACES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
7. AT THE WORK PROGRESS, THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY CONDITIONS WHICH ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND THE CONTRACTOR SHALL VERIFY THE PROTECTION OF EXISTING PROPERTY.
8. THE CONTRACTOR SHALL VERIFY AND COMMAND THE SIZE AND LOCATION OF ALL DIMENSIONS, SPACES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
9. THE CONTRACTOR IS SOLELY RESPONSIBLE TO OBTAIN CONSTRUCTION PERMITS AND TO INSURE THE SAFETY OF THE EXISTING STRUCTURE AND TO INSURE THE SAFETY OF THE CONTRACTOR'S WORKERS AND NEIGHBORHOODS.
10. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN CONSTRUCTION PERMITS AND TO INSURE THE SAFETY OF THE EXISTING STRUCTURE AND TO INSURE THE SAFETY OF THE CONTRACTOR'S WORKERS AND NEIGHBORHOODS.
11. ALL DAMAGE CAUSED TO ANY EXISTING STRUCTURE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWNERS RISK.
12. FOUNDATION RETENTION WORK IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING CONSTRUCTION. ALL DAMAGE CAUSED TO ANY EXISTING STRUCTURE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWNERS RISK.
13. NO DRILLING RELATED TO PILING OR CAP OR OTHER EQUIPMENT.
14. REFER TO DRAWING T1 FOR ADDITIONAL NOTES AND REQUIREMENTS.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL IS DESIGNED BY ALLOWABLE STRESS DESIGN (ASD).
2. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
3. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
4. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
5. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
6. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
7. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
8. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
9. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
10. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
11. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
12. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
13. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
14. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
15. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
16. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
17. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
18. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
19. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).
20. STRUCTURAL STEEL SHALL BE A36 STEEL (ASTM A36).

PAINT NOTES

1. PAINTING SCHEDULE
2. PAINTING SCHEDULE
3. PAINTING SCHEDULE
4. PAINTING SCHEDULE
5. PAINTING SCHEDULE
6. PAINTING SCHEDULE
7. PAINTING SCHEDULE
8. PAINTING SCHEDULE
9. PAINTING SCHEDULE
10. PAINTING SCHEDULE
11. PAINTING SCHEDULE
12. PAINTING SCHEDULE
13. PAINTING SCHEDULE
14. PAINTING SCHEDULE
15. PAINTING SCHEDULE
16. PAINTING SCHEDULE
17. PAINTING SCHEDULE
18. PAINTING SCHEDULE
19. PAINTING SCHEDULE
20. PAINTING SCHEDULE

| <p>AT&T MOBILITY WIRELESS COMMUNICATIONS FACILITY OLD SAYBROOK CT2042 - LTE 2C 226 FERRY ROAD OLD SAYBROOK, CT 06475</p> | <p>Centex Engineering 300 688-0000 300 688-0000 432 North Bayford Road Norwalk, CT 06855 www.CentexEng.com</p> | <p>EMPIRE telecom</p> | <p>at&t</p> | <p>PROFESSIONAL ENGINEER SEAL STATE OF CONNECTICUT NO. 10000 MAY 15, 2010</p> | <table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>DRAWN BY</th> <th>CHECKED BY</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>05/21/17</td> <td>C.P.</td> <td>J.D.</td> <td>CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS</td> </tr> <tr> <td>0</td> <td>09/22/16</td> <td>KAWAR</td> <td>CAC</td> <td>CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW</td> </tr> </table> | REV. | DATE | DRAWN BY | CHECKED BY | DESCRIPTION | 1 | 05/21/17 | C.P. | J.D. | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS | 0 | 09/22/16 | KAWAR | CAC | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW |
|---|--|-----------------------|-----------------|---|--|------|------|----------|------------|-------------|---|----------|------|------|--|---|----------|-------|-----|---|
| REV. | DATE | DRAWN BY | CHECKED BY | DESCRIPTION | | | | | | | | | | | | | | | | |
| 1 | 05/21/17 | C.P. | J.D. | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS | | | | | | | | | | | | | | | | |
| 0 | 09/22/16 | KAWAR | CAC | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW | | | | | | | | | | | | | | | | |

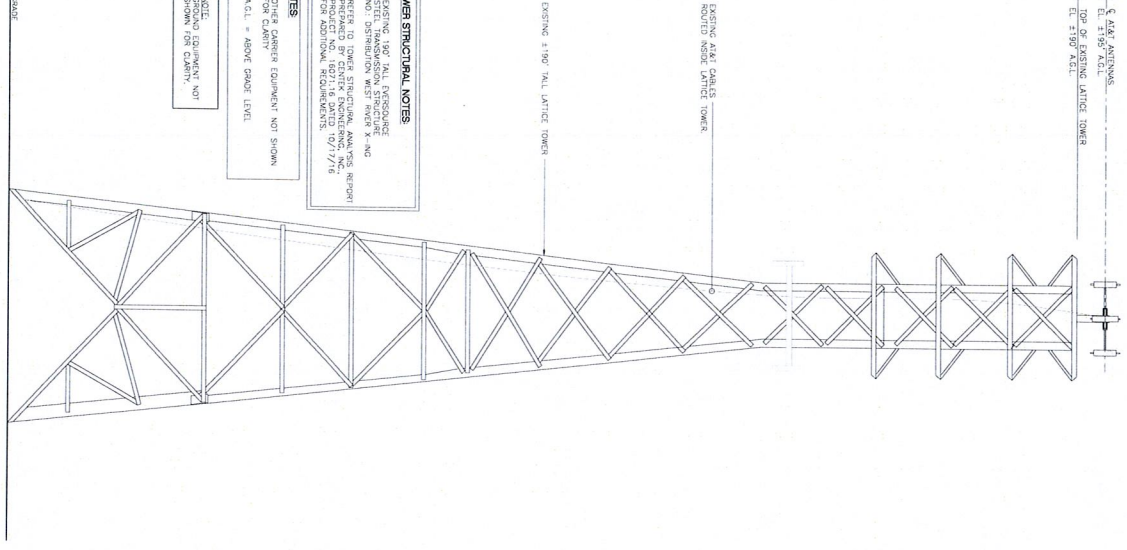
N-1

NOTES & DETAILS

DATE: 09/17/16
DRAWN BY: C.P.
CHECKED BY: J.D.
JOB NO.: 1607116



- EXISTING ALAKI ANTENNAS
EL. ±119' A.C.L.
- TOP OF EXISTING LATTICE TOWER
EL. ±119' A.C.L.



TOWER STRUCTURAL NOTES

1. REFER TO TOWER STRUCTURAL ANALYSIS REPORT PRODUCT NO. 182716 DATED 10/7/16 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO TOWER STRUCTURAL ANALYSIS REPORT NO. DISTRIBUTION WEST FERRIS-NG STEEL FRAMEWORK STRUCTURE FOR ADDITIONAL REQUIREMENTS.

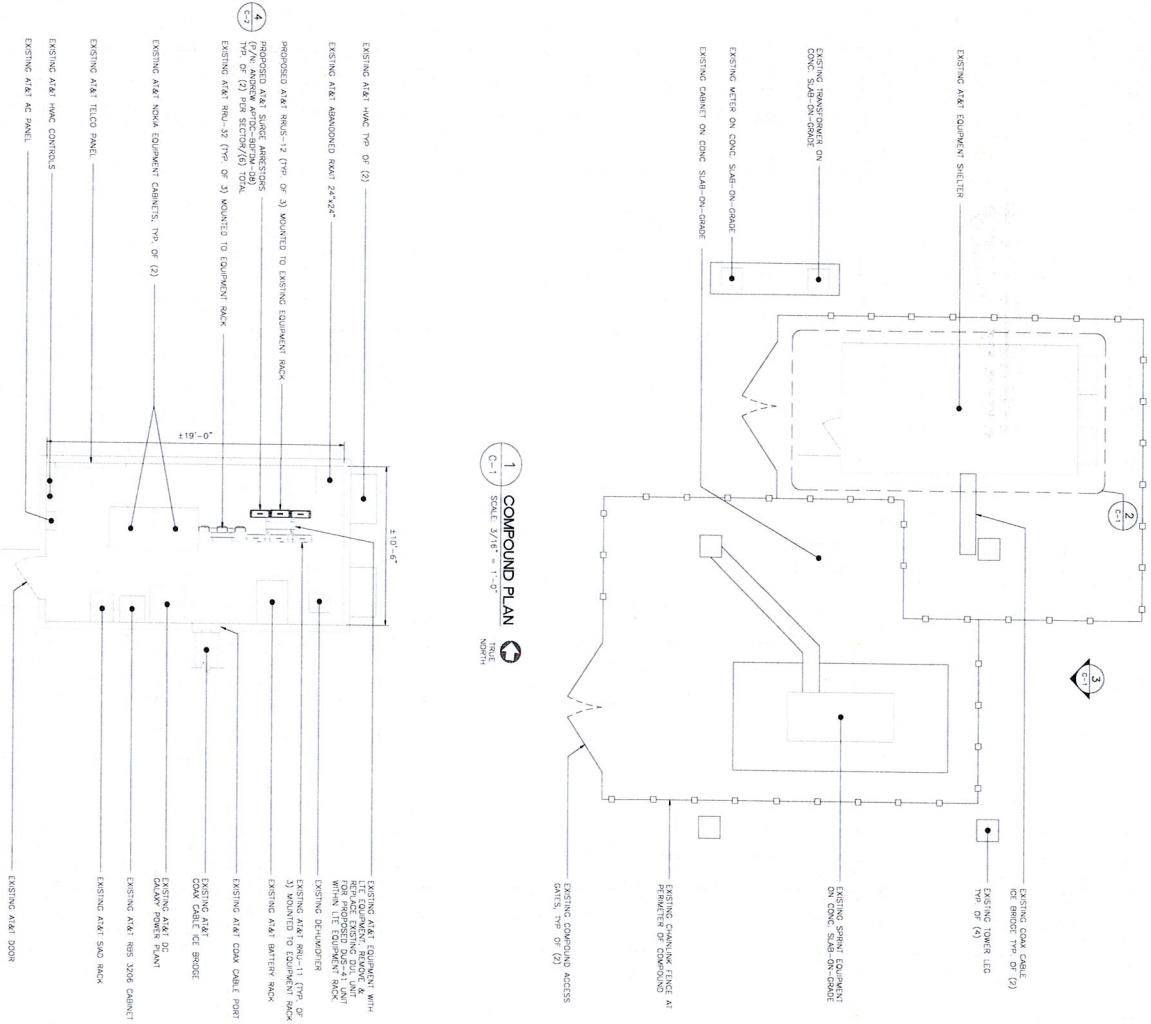
NOTES

1. ALL CABINET EQUIPMENT NOT SHOWN FOR CLARITY.
2. A.C.L. = ABOVE GRADE LEVEL.

3 WEST TOWER ELEVATION
SCALE 1" = 10'-0"



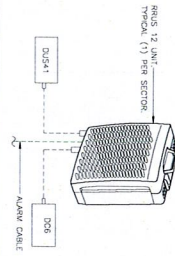
1 COMPOUND PLAN
SCALE 3/16" = 1'-0"



2 EQUIPMENT LAYOUT PLAN
SCALE 1/4" = 1'-0"



| <p>DATE: 09/18/16 DRAWN BY: AS NOTED CHECKED BY: JWB JOB NO.: 182716</p> <p>C-1</p> <p>Sheet No. 3 of 7</p> | <p>AT&T MOBILITY WIRELESS COMMUNICATIONS FACILITY OLD SAYBROOK CT2042 - LTE 2C 226 FERRY ROAD OLD SAYBROOK, CT 06475</p> | <p>CENTEK Engineering Central on Software®</p> <p>(938) 486-6500 1000 North 432 North Brainerd Road Meriden, CT 06450</p> <p>www.centekeng.com</p> | <p>empire telecom</p> <p>at&t</p> | <p>PROFESSIONAL ENGINEER SEAL</p> <p>STATE OF CONNECTICUT REGISTERED PROFESSIONAL ENGINEER</p> <table border="1"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>DRAWN BY</th> <th>CHK'D BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>06/21/13</td> <td>GLP</td> <td>JTD</td> <td>CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS</td> </tr> <tr> <td>0</td> <td>08/22/16</td> <td>KAWAR</td> <td>CAG</td> <td>CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW</td> </tr> </tbody> </table> | REV. | DATE | DRAWN BY | CHK'D BY | DESCRIPTION | 1 | 06/21/13 | GLP | JTD | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS | 0 | 08/22/16 | KAWAR | CAG | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW |
|--|--|---|---|---|------|------|----------|----------|-------------|---|----------|-----|-----|--|---|----------|-------|-----|---|
| REV. | DATE | DRAWN BY | CHK'D BY | DESCRIPTION | | | | | | | | | | | | | | | |
| 1 | 06/21/13 | GLP | JTD | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS | | | | | | | | | | | | | | | |
| 0 | 08/22/16 | KAWAR | CAG | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW | | | | | | | | | | | | | | | |



| RISER (REMOTE RADIO UNIT) | | | CLEARANCES | |
|---------------------------|--------------------------|--------|------------|----------|
| EQUIPMENT | DIMENSIONS | WEIGHT | ANTENNA | 15" MIN. |
| ERICSSON | 20.4" x 18.5" W x 7.5" H | 50 LBS | FRONT | 36" MIN. |
| MODEL | PR15 | | | |

NOTES:
 1. CONSTRUCTION TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH A1X1 CONSTRUCTION MANAGER PRIOR TO ORDERING.

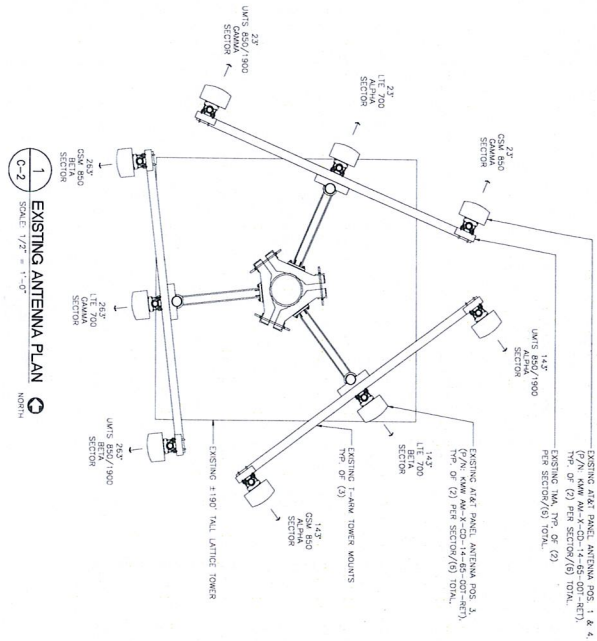
3 ERICSSON PR15 12 DETAIL
 SCALE: 1" = 1'-0"



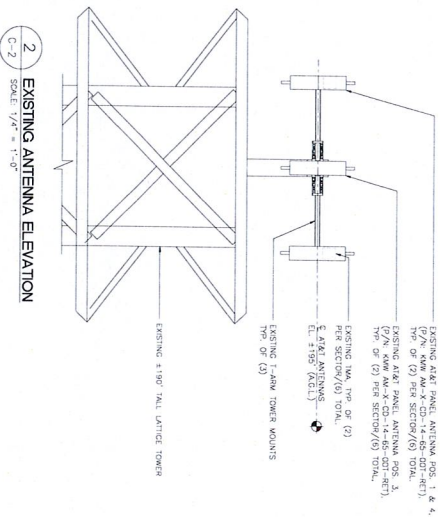
| SUBJECT: ANTENNA | | | WEIGHT | |
|------------------|-----------------------|-----------------------------|----------|--|
| EQUIPMENT | DIMENSIONS | | | |
| MODEL | ANDREW APTDC-BDFDM-DB | 3.66" H x 3.45" W x 1.63" D | 1.32 LBS | |

NOTES:
 1. CONSTRUCTION TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH A1X1 CONSTRUCTION MANAGER PRIOR TO ORDERING.

4 ANDREW APTDC-BDFDM-DB DETAIL
 SCALE: NOT TO SCALE



1 EXISTING ANTENNA PLAN
 SCALE: 1/2" = 1'-0"
 NORTH



2 EXISTING ANTENNA ELEVATION
 SCALE: 1/4" = 1'-0"

| REV. | DATE | DRAWN BY | CHK'D BY | DESCRIPTION |
|------|----------|----------|----------|--|
| 1 | 08/21/17 | CLP | JTD | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS |
| 0 | 08/22/16 | KANAR | CAC | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW |

PROFESSIONAL ENGINEER SEAL

at&t
 EMPIRE telecom

CENTEK Engineering
 Central on Solutions
 (931) 498-0290
 432 North Hayward Road
 Norwood, CT 06460
 www.CentekEng.com

AT&T MOBILITY
 WIRELESS COMMUNICATIONS FACILITY
 OLD SAYBROOK
 CT2042 - LTE 2C
 226 FERRY ROAD
 OLD SAYBROOK, CT 06475

DATE: 08/16/16
 DRAWN BY: CLP
 DESIGNED BY: CLP
 JOB NO.: 1607116

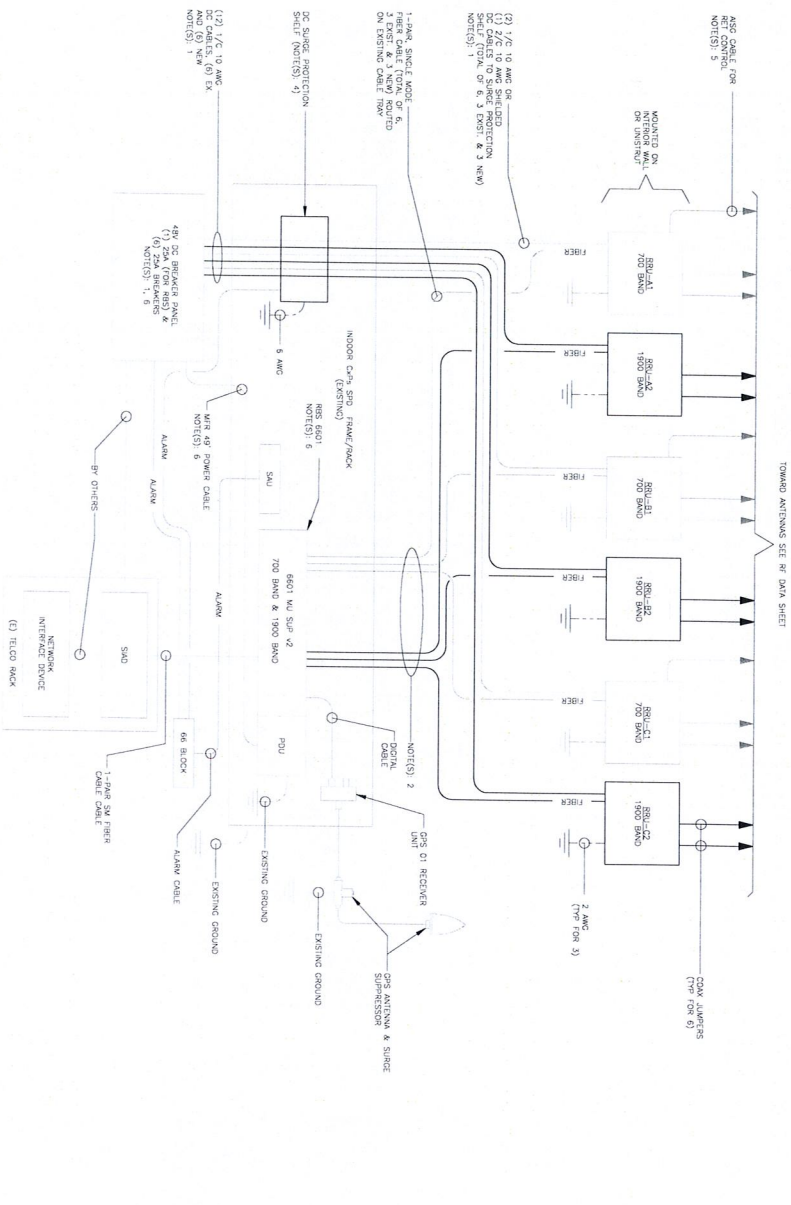
C-2
 LTE 2C EQUIPMENT DETAILS
 SHEET NO. 4 OF 7

1 LTE SCHEMATIC DIAGRAM

NOT TO SCALE

LTE SCHEMATIC DIAGRAM NOTES

1. BRACKETS TO BE WAGED AND LOCATED OUT A 20A (MAX) OR 30A (MAX) BREAKER FOR EACH WIRE BE SUBSTITUTED FOR THE WIRE SIZE INDICATED.
2. LAMP HOODS AND PROTECTIVE LANTERN GLASS SHALL BE INSTALLED.
3. DC SHIELD PROTECTION SHALL BE MAINTAINED THROUGHOUT THE ENTIRE LENGTH OF THE CABLE.
4. THE DISTRIBUTION BOX SHALL BE LOCATED AS NEAR AS POSSIBLE TO THE CABLE ENTRY POINT TO THE BUILDING.
5. THE DISTRIBUTION BOX SHALL BE INSTALLED IN A DRY, WELL-VENTILATED AREA.
6. ALL WIRING SHALL BE IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
7. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
8. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
9. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
10. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
11. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
12. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.

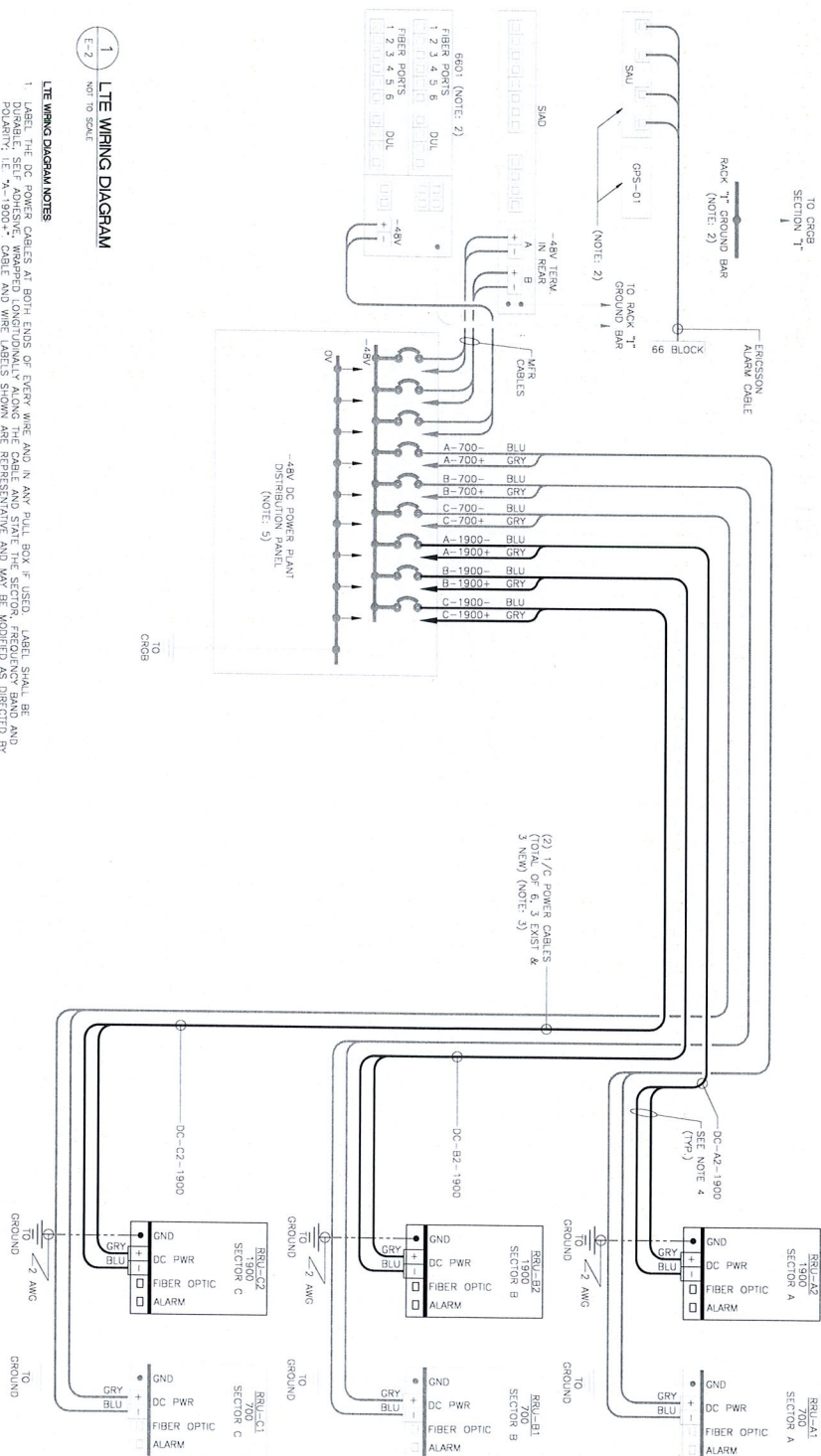


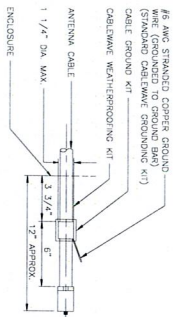
- ### ELECTRICAL NOTES
1. REFER TO STATE OF MASSACHUSETTS ELECTRICAL CODE WITH OTHER LOCAL ELECTRICAL REGULATIONS AND SPECIFICATIONS. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72).
 2. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH LOCAL BUILDING CODE, NATIONAL ELECTRICAL CODE, OWNER, AND MANUFACTURER'S SPECIFICATIONS.
 3. CONNECT ALL NEW EQUIPMENT TO EXISTING FIELD AS REQUIRED BY MANUFACTURER.
 4. MAINTAIN ALL CLEARANCES REQUIRED BY NEC AND EQUIPMENT MANUFACTURER.
 5. PRIOR TO INSTALLATION CONDUCTORS SHALL BE WAGED, EXISTING ELECTRICAL LOADS SHALL BE CALCULATED AND THE TOTAL LOAD SHALL BE COMPARED WITH THE AVAILABLE CAPACITY OF THE SERVICE.
 6. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 7. ALL BRACKETS, TOWER SITS, CONDUIT, AND EXISTING BRACKETS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 8. REMOVE AND REPAIR CONDUIT KITS FOR ALL NEW CONDUIT, CABLES AND BOND TO EXISTING OWNERS GROUNDING SYSTEM FOR OWNERS SPECIFICATIONS AND NEC.
 9. ALL CONDUCTORS SHALL BE TYPE THHN (UL APPLICATION) AND SHALL BE AT LEAST #10 AWG AND SHALL BE SPliced USING ACCEPTABLE CONDUITLESS PRESSURE CONNECTORS. #16 AWG AND LARGER SHALL BE SPliced USING A WAGED CONNECTION. THE WAGED CONNECTION SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 10. MANUFACTURER BRACKETS FOR CONDUCTORS SHALL BE 1/2 TIMES THE LARGEST DIAMETER OF BRANCH CIRCUIT CONDUCTOR.
 11. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE MADE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72). THE DRAWINGS OR SPECIFICATIONS SHALL BE INTERPRETED AS AN INTENTIONAL VIOLATION OF ANY LOCAL, STATE, OR FEDERAL REGULATIONS OR ORDINANCES TO THE EXTENT OF CONFLICT WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72).
 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.
 13. ALL WIRING SHALL BE IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 14. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 15. THE CONTRACTOR SHALL GUARANTEE ALL NEW WORK FOR A PERIOD OF ONE YEAR FROM THE ACCEPTANCE DATE BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECTIVE WORK REQUIRED TO BRING ALL EQUIPMENT INTO COMPLIANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 16. BRACKETS AND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 17. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 18. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 19. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 20. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
- TESTS BY INDEPENDENT ELECTRICAL TESTING FIRM**
- A. CONTRACTOR SHALL RETAIN THE SERVICES OF A LOCAL INDEPENDENT ELECTRICAL TESTING FIRM TO PERFORM ALL TESTS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS FOR LOCAL INSPECTION AGENCIES.
 - B. TESTS SHALL BE PERFORMED IN THE PRESENCE AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. TESTING DATA SHALL BE INSTALLED AND REPORTED TO THE OWNER.
 - C. THE CONTRACTOR SHALL REPORT TO THE OWNER IN WRITING THE RESULTS OF ALL TESTS PERFORMED BY THE INDEPENDENT ELECTRICAL TESTING FIRM.
 - D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.

| AT&T MOBILITY WIRELESS COMMUNICATIONS FACILITY OLD SAYBROOK CT2042 - LTE 2C 226 FERRY ROAD OLD SAYBROOK, CT 06475 | Centek Engineering Carried on Solutions (781) 488-0200 (508) 499-6569 Fax 432 North Barford Road Westport, CT 06460 www.CentekEng.com | EMPIRE telecom at&t PROFESSIONAL ENGINEER SEAL | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>DRAWN BY</th> <th>CHECKED BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>06/21/17</td> <td>GLP</td> <td>JTD</td> <td>CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS</td> </tr> <tr> <td>0</td> <td>08/22/16</td> <td>KAWJR</td> <td>CAG</td> <td>CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW</td> </tr> </tbody> </table> | REV. | DATE | DRAWN BY | CHECKED BY | DESCRIPTION | 1 | 06/21/17 | GLP | JTD | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS | 0 | 08/22/16 | KAWJR | CAG | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW |
|--|--|--|--|--|------|----------|------------|-------------|---|----------|-----|-----|--|---|----------|-------|-----|---|
| REV. | DATE | DRAWN BY | CHECKED BY | DESCRIPTION | | | | | | | | | | | | | | |
| 1 | 06/21/17 | GLP | JTD | CONSTRUCTION DOCUMENTS - REVISED PER CLIENT COMMENTS | | | | | | | | | | | | | | |
| 0 | 08/22/16 | KAWJR | CAG | CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW | | | | | | | | | | | | | | |
| DATE: 06/16/18 SCALE: AS NOTED DWG NO.: 1607718 LTE SCHEMATIC DIAGRAM AND NOTES | | E-1 SHEET NO. 5 OF 7 | | | | | | | | | | | | | | | | |

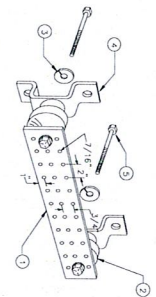
1 L7E WIRING DIAGRAM
NOT TO SCALE

- L7E WIRING DIAGRAM NOTES**
1. LABEL THE DC POWER CABLES AT BOTH ENDS OF EVERY WIRE AND IN ANY PULL BOX, IF USED. LABEL SHALL BE DURABLE, SELF-ADHESIVE, WRAPPED LONGITUDINALLY ALONG THE CABLE AND STATE THE SECTOR, FREQUENCY BAND AND AIRTEL, I.E. "A-1900+", "CABLE AND WIRE LABELS SHOWN ARE REPRESENTATIVE AND MAY BE MODIFIED AS DIRECTED BY AT&T."
 2. INSTALL ON BASEBAND EQUIPMENT RACK.
 3. THE BARE GROUND WIRE OF EACH MULTI-CONDUCTOR CABLE SHALL BE CONNECTED TO THE "P" GROUND BAR ON THE RACK. THE OTHER WIRE SHALL BE CONNECTED TO THE "N" TERMINATED AIRTEL AND DC POWER PLANS.
 4. CABLE GROUND WIRE AND SHIELD Braid WIRE TO BE LEFT UNTERMINATED AIRTEL AND DC POWER PLANS.
 5. SEE L7E SCHEMATIC DIAGRAM DETAIL 1/E-1 FOR BREAKER RATING.

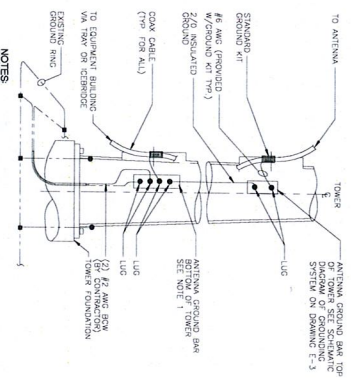




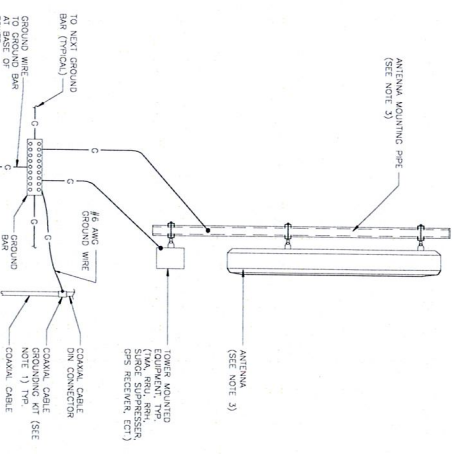
4 ANTENNA CABLE GROUNDING DETAIL
E-3
NOT TO SCALE



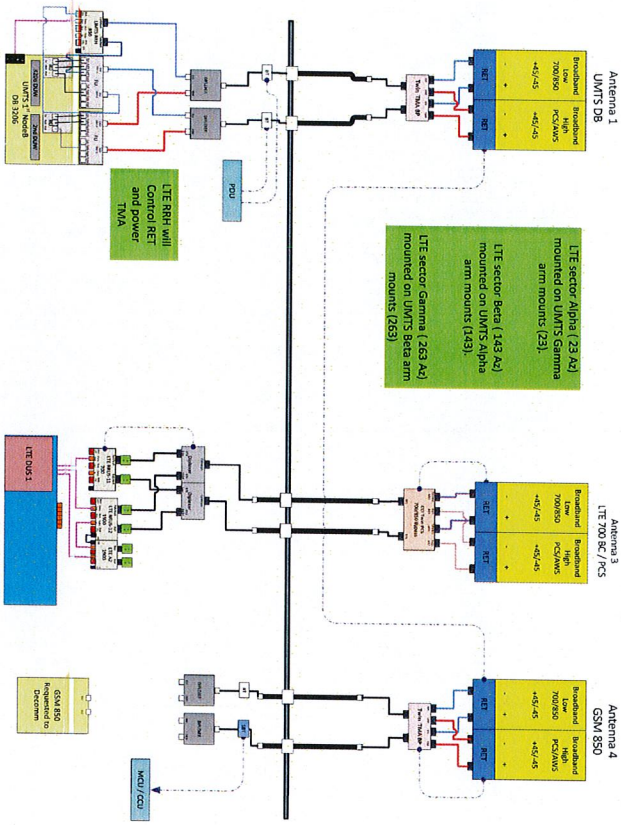
3 GROUND BAR DETAIL
E-3
NOT TO SCALE



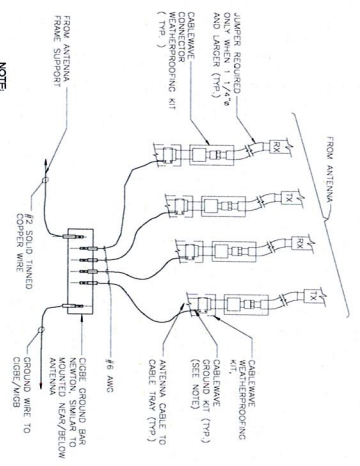
2 ANTENNA CABLE GROUNDING - TOWER
E-3
NOT TO SCALE



1 TYPICAL ANTENNA GROUNDING DETAIL
E-3
NOT TO SCALE



6 TYPICAL RF PUMPING DIAGRAM
E-3
NOT TO SCALE



5 CONNECTION OF GROUND WIRES TO GROUND BAR
E-3
NOT TO SCALE