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February 2, 2017

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

Notice of Exempt Modification – New Cingular Wireless PCS, LLC (AT&T) – CT1130 27 Siemon Company Drive, Watertown, CT 06795 N 41-36-12 W 73-06-42

Dear Ms. Bachman:

AT&T currently maintains nine (9) antennas at the 135-foot level of the existing 140-foot Smokestack at 27 Siemon Company Drive, Watertown, CT. The structure and property are owned by Siemon Realty Company. AT&T now intends to remove three (3) Ericsson remote radio units (RRUS-11) and replace them with three (3) new Ericsson RRUS-12s. The new radio units would be installed at the 135-foot level of the tower.

This facility was approved by the Town of Watertown, and although no record exists of the original approval, the Watertown Planning and Zoning Commission approved a modification to AT&T's antenna facility on September 7, 2011. This approval included no condition(s) that could feasibly be violated by this modification, including total facility height or mounting restrictions. This modification therefore complies with the aforementioned approval.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Thomas L. Wynn, Town Council Chair for the Town of Watertown, as well as the local Land Use Department, the property owner and the tower owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, AT&T respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Please feel free to call me at (860) 670-9068 with any questions regarding this matter. Thank you for your consideration.

Sincerely,

Mark Roberts QC Development Consultant for AT&T

Attachments

cc: Thomas L. Wynn - as elected official
Mark Massoud – as local Planning & Zoning Staff (via e-mail)
Siemon Realty Company - as structure and property owner

Power Density

Existing Loading on Tower

| Carrier | # of Channels | ERP/Ch (W) | Antenna Centerline Height (ft) | Power Density (mW/cm^2) | Freq. Band (MHz**) | Limit S (mW /cm^2) | %MPE |
|-----------------|------------------|---------------|--------------------------------------|-------------------------------|--------------------------|--------------------------|-------|
| Other Carriers* | | | | | | | 1.26% |
| AT&T UMTS | 6 | 296 | 132 | 0.0402 | 880 | 0.5867 | 0.69% |
| AT&T UMTS | 6 | 427 | 132 | 0.0580 | 1900 | 1.0000 | 0.58% |
| AT&T LTE | 1 | 500 | 132 | 0.0113 | 880 | 0.5867 | 0.19% |
| AT&T LTE | 1 | 500 | 132 | 0.0113 | 1900 | 1.0000 | 0.11% |
| Site Total | | | | | | | 2.83% |

*Per CSC Records (available upon request, includes calculation formulas)

** If a range of frequencies are used, such as 880-894, enter the lowest value, i.e. 880

Proposed Loading on Tower

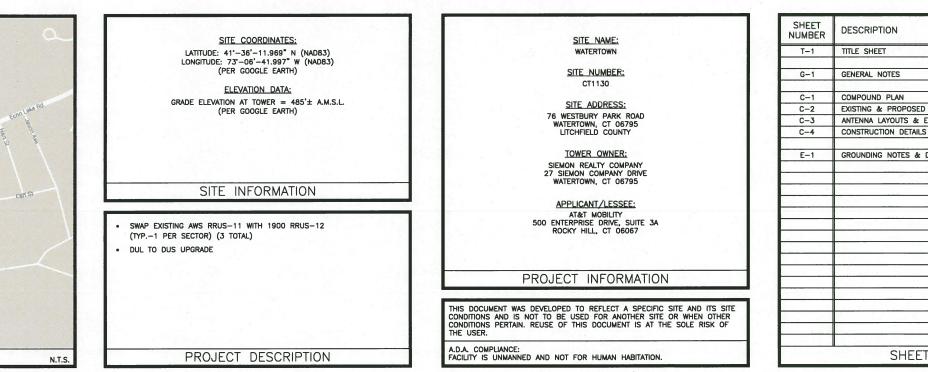
| Carrier | # of Channels | ERP/Ch (W) | Antenna Centerline Height (ft) | Power Density (mW/cm^2) | Freq. Band (MHz**) | Limit S (mW /cm^2) | %MPE |
|-----------------|------------------|---------------|--------------------------------------|-------------------------------|--------------------------|--------------------------|-------|
| Other Carriers* | A MARCELL | | | | | | 1.26% |
| AT&T UMTS | 2 | 293 | 135 | 0.0127 | 850 | 0.5667 | 0.22% |
| AT&T UMTS | 1 | 573 | 135 | 0.0124 | 1900 | 1.0000 | 0.12% |
| AT&T LTE | 1 | 1476 | 135 | 0.0319 | 700 | 0.4667 | 0.68% |
| AT&T LTE | 1 | 889 | 135 | 0.0192 | 850 | 0.5667 | 0.34% |
| AT&T LTE | 1 | 2421 | 135 | 0.0523 | 1900 | 1.0000 | 0.52% |
| AT&T LTE | 1 | 2535 | 135 | 0.0548 | 2100 | 1.0000 | 0.55% |
| AT&T LTE | 1 | 1227 | 135 | 0.0265 | 2300 | 1.0000 | 0.27% |
| Site Total | | Sector Sector | The second | Maria Star | | | 3.96% |

*Per CSC Records (available upon request, includes calculation formulas)

** If a range of frequencies are used, such as 880-894, enter the lowest value, i.e. 880 Note: Proposed Loading may also include corrections to certain Existing Loading values



SITE NAME: WATERTOWN SITE NUMBER: CT1130 76 WESTBURY PARK ROAD WATERTOWN, CT 06795





DIRECTIONS FROM 500 ENTERPRISE DRIVE, ROCKY HILL, CT:

HEAD NORTHEAST ON ENTERPRISE DR TOWARD CAPITAL BLVD. TURN LEFT ONTO CAPITAL BLVD. USE THE LEFT 2 LANES TO TURN LEFT ONTO STATE HWY 411. TURN LEFT TO MERGE ONTO I-91 S. MERGE ONTO I-91 S. TAKE EXIT 18 FOR I-691 W TOWARD MERIDEN/WATERBURY. CONTINUE ONTO I-691 W. USE THE LEFT 2 LANES TO TAKE EXIT 1 FOR I-84 W TOWARD WATERBURY/DANBURY. MERGE ONTO I-84. TAKE EXIT 1 FOR I-84 W TOWARD WATERBURY/DANBURY. MERGE ONTO I-84. TAKE EXIT 20 TO MERGE ONTO CT-8 N TOWARD TORRINGTON. TAKE EXIT 37 FOR STATE HWY 262 TOWARD WATERTOWN. SHARP LEFT ONTO CT-262/STATE HWY 262. CONTINUE STRAIGHT ONTO ECHO LAKE RD. TURN LEFT ONTO GREENWOOD ST. TURN RIGHT ONTO WESTBURY PARK RD. SITE WILL BE ON THE RIGHT.

| | at&t |
|--|---|
| | 500 ENTERPRISE DRIVE SUITE 3A |
| | ROCKY HILL, CT 06067 |
| | 27 NORTHWESTERN DRIVE SALEM, NH 03079 |
| | SALLIN, NIT 00073 |
| | CT1130 WATERTOWN |
| | CONSTRUCTION DRAWINGS |
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| | 0 01/20/17 ISSUED FOR CONSTRUCTION |
| | A 01/12/17 ISSUED FOR REVIEW |
| | Dewberry* |
| | Dewberry Engineers Inc. |
| 집 옷을 걸고 앉았다. 것 | 600 PARSIPPANY ROAD SUITE 301 PARSIPPANY, NJ 07054 |
| | PHONE: 973.739.9400 |
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| | DRAWN BY: BJR |
| | REVIEWED BY: BSH |
| | CHECKED BY: GHN |
| | PROJECT NUMBER: 50055106 |
| | JOB NUMBER: 50065678 |
| | SITE ADDRESS: |
| | 76 WESTBURY PARK ROAD |
| ET INDEX | WATERTOWN, CT 06795 LITCHFIELD COUNTY |
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GENERAL NOTES:

FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY: PROJECT MANAGEMENT - SAL COMMUNICATIONS INC. CONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION) OWNER - AT&T MOBILITY

OEM - ORIGINAL EQUIPMENT MANUFACTURER

- PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILLARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF PROJECT 2
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE 3.
- ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- DRAWINGS PROVIDED HERE ARE NOT TO SCALE UNLESS OTHERWISE NOTED AND ARE INTENDED TO SHOW OUTLINE 5. ONLY.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY PROJECT MANAGEMENT.
- CONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. CONTRACTOR SHALL UTILIZE EXISTING TRAYS 9. AND/OR SHALL ADD NEW TRAYS AS NECESSARY. CONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH PROJECT
- 10. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER TEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- 12. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT. 13.
- 14. CONTRACTOR SHALL NOTIFY DEWBERRY 48 HOURS IN ADVANCE OF POURING CONCRETE, OR BACKFILLING TRENCHES, SEALING ROOF AND WALL PENETRATIONS & POST DOWNS, FINISHING NEW WALLS OR FINAL ELECTRICAL CONNECTIONS FOR ENGINEER REVIEW.
- 15. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. CONTRACTOR SHALL NOTIFY PROJECT MANAGEMENT OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- 16. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY CONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH LAND LORD, ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW
- 17. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

SITE WORK GENERAL NOTES:

- THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION. 1.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCANATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO: 2. A) FALL PROTECTION
- B) CONFINED SPACE
- C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
- 3. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES, TOP SOIL AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, OWNER AND/OR LOCAL UTILITIES.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE AT&T SPECIFICATION FOR SITE SIGNAGE. 7.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE TRANSMISSION EQUIPMENT AND 8. TOWER AREAS.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION, SEE SOIL COMPACTION NOTES. 10.
- THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION. 11.
- 12. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL JURISDICTION'S GUIDELINES FOR EROSION AND SEDIMENT CONTROL.

CONCRETE AND REINFORCING STEEL NOTES:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
- 2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE, A HIGHER STRENGTH (4000 PSI) MAY BE USED. ALL CONCRETING WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.
- 3. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE (UNO). SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO.
 - THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:

- 5. A CHAMFER 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNO, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- 6. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR CONTRACTOR APPROVAL WHEN DRILLING HOLES IN CONCRETE. SPECIAL INSPECTIONS, REQUIRED BY GOVERNING CODES, SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWABLE LOADS. ALL EXPANSION/WEDGE ANCHORS SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD OR APPROVED EQUAL.
- CONCRETE CYLINDER TEST IS NOT REQUIRED FOR SLAB ON GRADE WHEN CONCRETE IS LESS THAN 50 CUBIC 7. YARDS (IBC 1905.6.2.3) IN THAT EVENT THE FOLLOWING RECORDS SHALL BE PROVIDED BY THE CONCRETE SUPPLIER;

- SUPPLIER; (A) RESULTS OF CONCRETE CYLINDER TESTS PERFORMED AT THE SUPPLIER'S PLANT, (B) CERTIFICATION OF MINIMUM COMPRESSIVE STRENGTH FOR THE CONCRETE GRADE SUPPLIED. FOR GREATER THAN 50 CUBIC YARDS THE GC SHALL PERFORM THE CONCRETE CYLINDER TEST.
- AS AN ALTERNATIVE TO ITEM 7, TEST CYLINDERS SHALL BE TAKEN INITIALLY AND THEREAFTER FOR EVERY 50 YARDS OF CONCRETE FROM EACH DIFFERENT BATCH PLANT.
- EQUIPMENT SHALL NOT BE PLACED ON NEW PADS FOR SEVEN DAYS AFTER PAD IS POURED, UNLESS IT IS VERIFIED BY CYLINDER TESTS THAT COMPRESSIVE STRENGTH HAS BEEN ATTAINED.

STRUCTURAL STEEL NOTES:

- ALL STEEL WORK SHALL BE PAINTED OR GALVANIZED IN ACCORDANCE WITH THE DRAWINGS UNLESS NOTED OTHERWISE. STRUCTURAL STEEL SHALL BE ASTM-A-36 UNLESS OTHERWISE NOTED ON THE STE SPECIFIC DRAWINGS. STEEL DESIGN, INSTALLATION AND BOLTING SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "MANUAL OF STEEL CONSTRUCTION".
- ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED SURFACES SHALL BE TOUCHED UP.
- BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE $(3/4^*\emptyset)$ CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE. 3.
- NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A 307 BOLTS UNLESS NOTED
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR CONTRACTOR APPROVAL WHEN DRILLING HOLES IN CONCRETE. SPECIAL INSPECTIONS, REQUIRED BY GOVERNING CODES, SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWARLE LOADS ALL EXPANSION/WEDGE INCHORS SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD OR APPROVED EQUAL.
- 6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER REVIEW & APPROVAL ON PROJECTS REQUIRING STRUCTURAL STEEL.
- 7. ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC SPECIFICATIONS

SOIL COMPACTION NOTES FOR SLAB ON GRADE:

- EXCAVATE AS REQUIRED TO REMOVE VEGETATION & TOPSOIL EXPOSE UNDISTURBED NATURAL SUBGRADE AND PLACE CRUSHED STONE AS REQUIRED.
- 2. COMPACTION CERTIFICATION: AN INSPECTION AND WRITTEN CERTIFICATION BY A QUALIFIED GEOTECHNICAL TECHNICIAN OR ENGINEER IS ACCEPTABLE.
- AS AN ALTERNATIVE TO INSPECTION AND WRITTEN CERTIFICATION, THE "UNDISTURBED SOIL" BASE SHALL BE 3. COMPACTED WITH "COMPACTION EQUIPMENT", LISTED BELOW, TO AT LEAST 90% MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM D 1557 METHOD C.
- COMPACTED SUBBASE SHALL BE UNIFORM & LEVELED. PROVIDE 6" MINIMUM CRUSHED STONE OR GRAVEL COMPACTED IN 3" LIFTS ABOVE COMPACTED SOIL. GRAVEL SHALL BE NATURAL OR CRUSHED WITH 100% PASSING 1"
- AS AN ALTERNATIVE TO ITEMS 2 AND 3 PROOFROLL THE SUBGRADE SOILS WITH 5 PASSES OF A MEDIUM SIZED VIBRATORY PLATE COMPACTOR (SUCH AS BOMAG BPR 30/38) OR HAND-OPERATED SINGLE DRUM VIBRATORY ROLLER (SUCH AS BOMAG BW 55E). ANY SOFT AREAS THAT ARE ENCOUNTERED SHOULD BE REMOVED AND REPLACED WITH A WELL-GRADED GRANULAR FILL AND COMPACTED AS STATED ABOVE.

COMPACTION EQUIPMENT:

HAND OPERATED DOUBLE DRUM, VIBRATORY ROLLER, VIBRATORY PLATE COMPACTOR OR JUMPING JACK COMPACTOR. **CONSTRUCTION NOTES:**

- FIFLD VERIFICATION CONTRACTOR SHALL FIELD VERIFY SCOPE OF WORK, AT&T ANTENNA PLATFORM LOCATION AND ANTENNAS TO BE REPLACED.
- 2. COORDINATION OF WORK
- CONTRACTOR SHALL COORDINATE RF WORK AND PROCEDURES WITH PROJECT MANAGEMENT.
- 3. CABLE LADDER RACK: CONTRACTOR SHALL FURNISH AND INSTALL CABLE LADDER RACK, CABLE TRAY, AND CONDUIT AS REQUIRED TO SUPPORT CABLES TO THE NEW BTS LOCATION.

ELECTRICAL INSTALLATION NOTES:

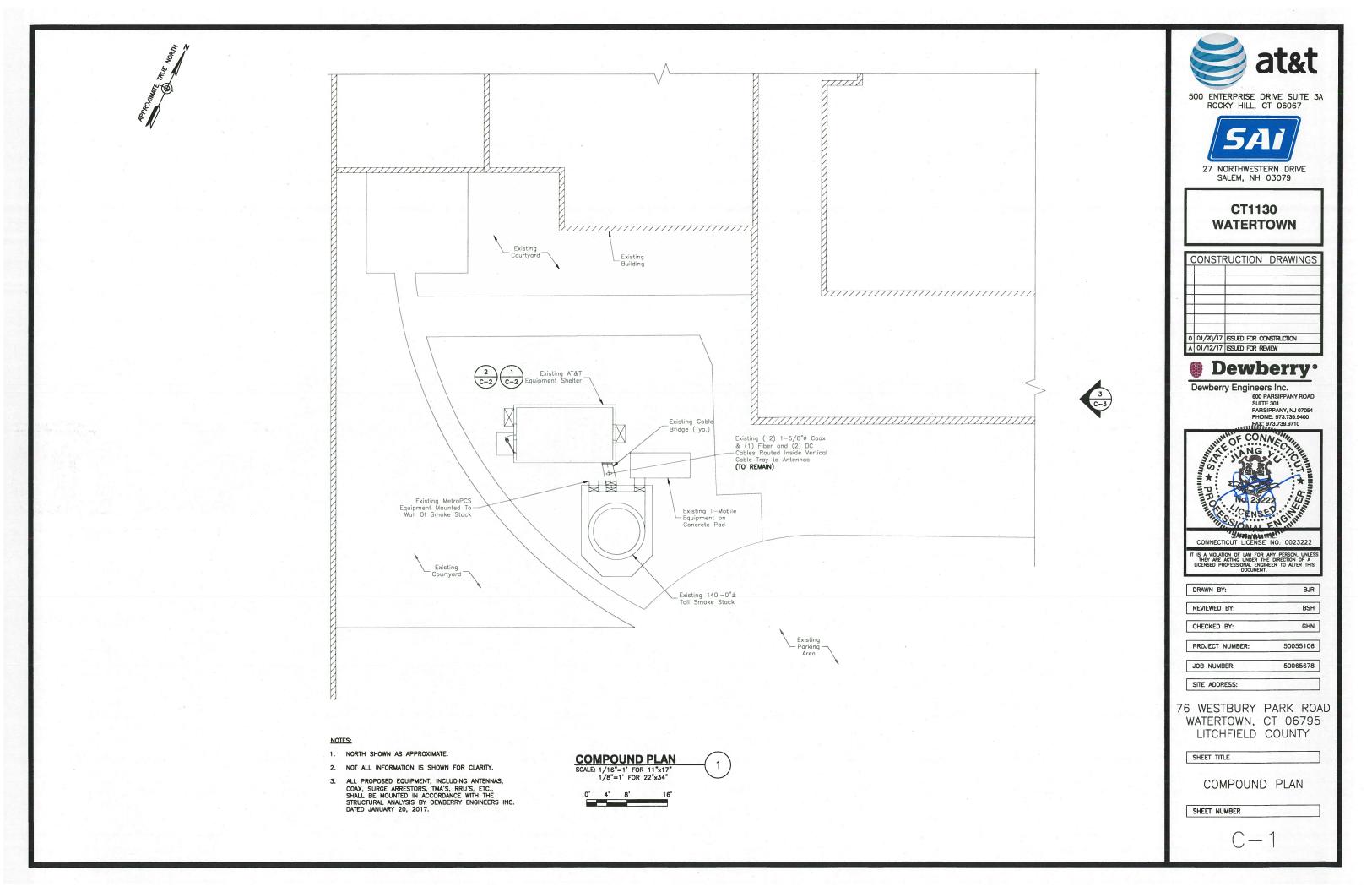
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
- CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT 3.
- BLOCKED.
- 5. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
- 6. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS
- EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & ATCH EXISTING INSTALLATION REQUIREMENTS
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER 8. OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- 10. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES
- 11. POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (SIZE 14 AWG OR LARGER). 600V. OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS
- 12. POWER PHASE CONDUCTORS (I.E., HOTS) SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL) PHASE CONDUCTOR COLOR COLOR CODES SHALL CONFORM WITH THE NEC & OSHA AND MATCH EXISTING INSTALLATION REQUIREMENTS.
- 13. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (SIZE 6 AWG OR FOR 90'C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- 14. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED OUTDOORS, OR BELOW GRADE, SHALL BE SINGLE CONDUCTOR #2 AWG SOLID TINNED COPPER CABLE, UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING NOT IN TUBING OR CONDUIT. SHALL BE MULTI-CONDUCTOR TYPE TO CABLE (SIZE 14 15. ANG OR LARGER), 600V, OLL RESISTANT THIN OR THIM-2, CLASS B STRANDED COPPER CABLE RATED FOR 9°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- 16. ALL POWER AND POWER GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).
- 17. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- 18. NEW RACEWAY OR CABLE TRAY WILL MATCH THE EXISTING INSTALLATION WHERE POSSIBLE
- ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS. 19.
- 20. ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- 21. GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- 22. RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- 24. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- 25. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA UL, ANSI/IEEE, AND NEC.

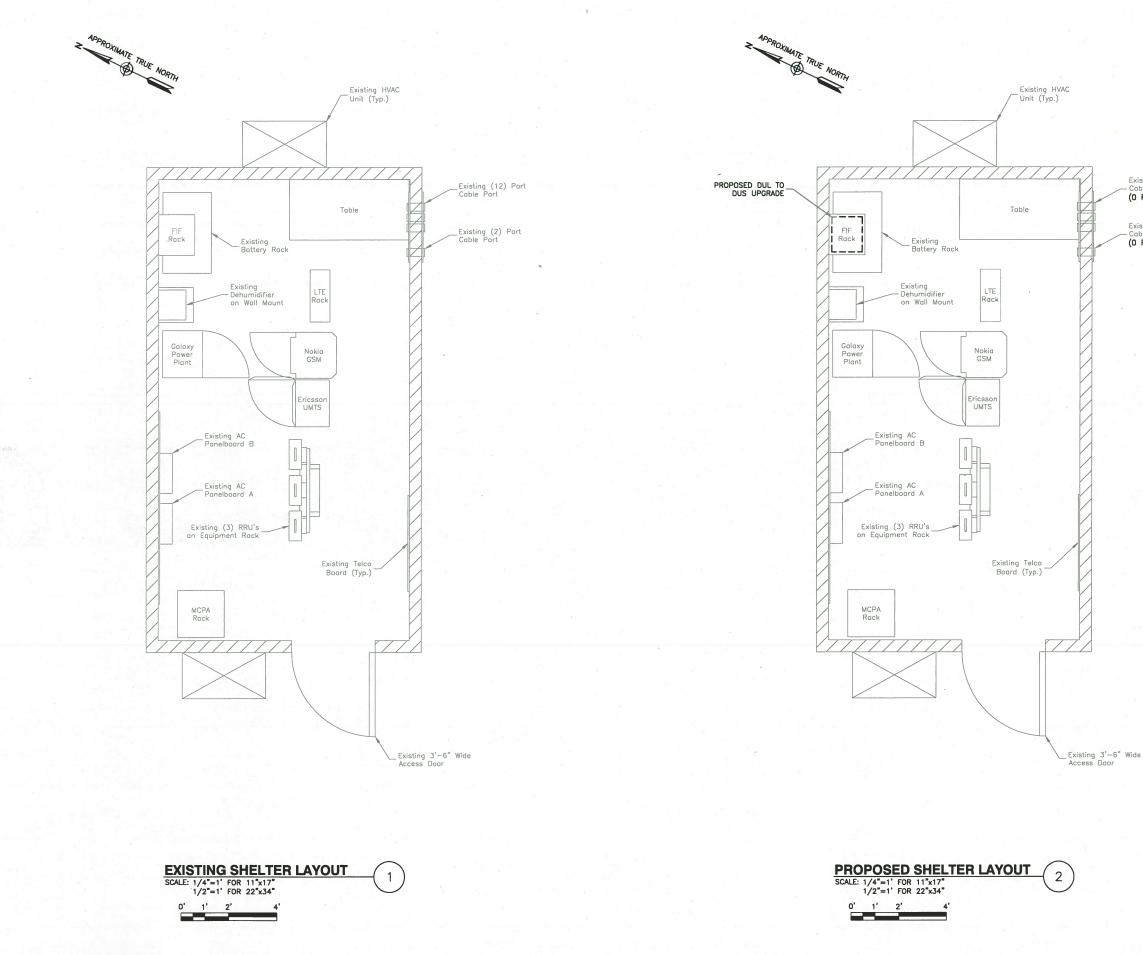
NEMA 3R (OR BETTER) OUTDOORS.

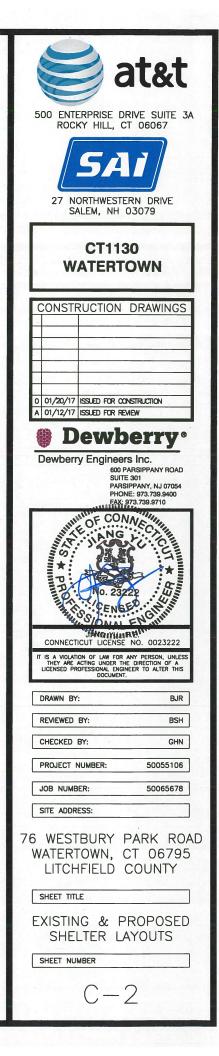
PROTECTED (WP OR BETTER) OUTDOORS.

26. CABINETS, BOXES, AND WIREWAYS TO MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.



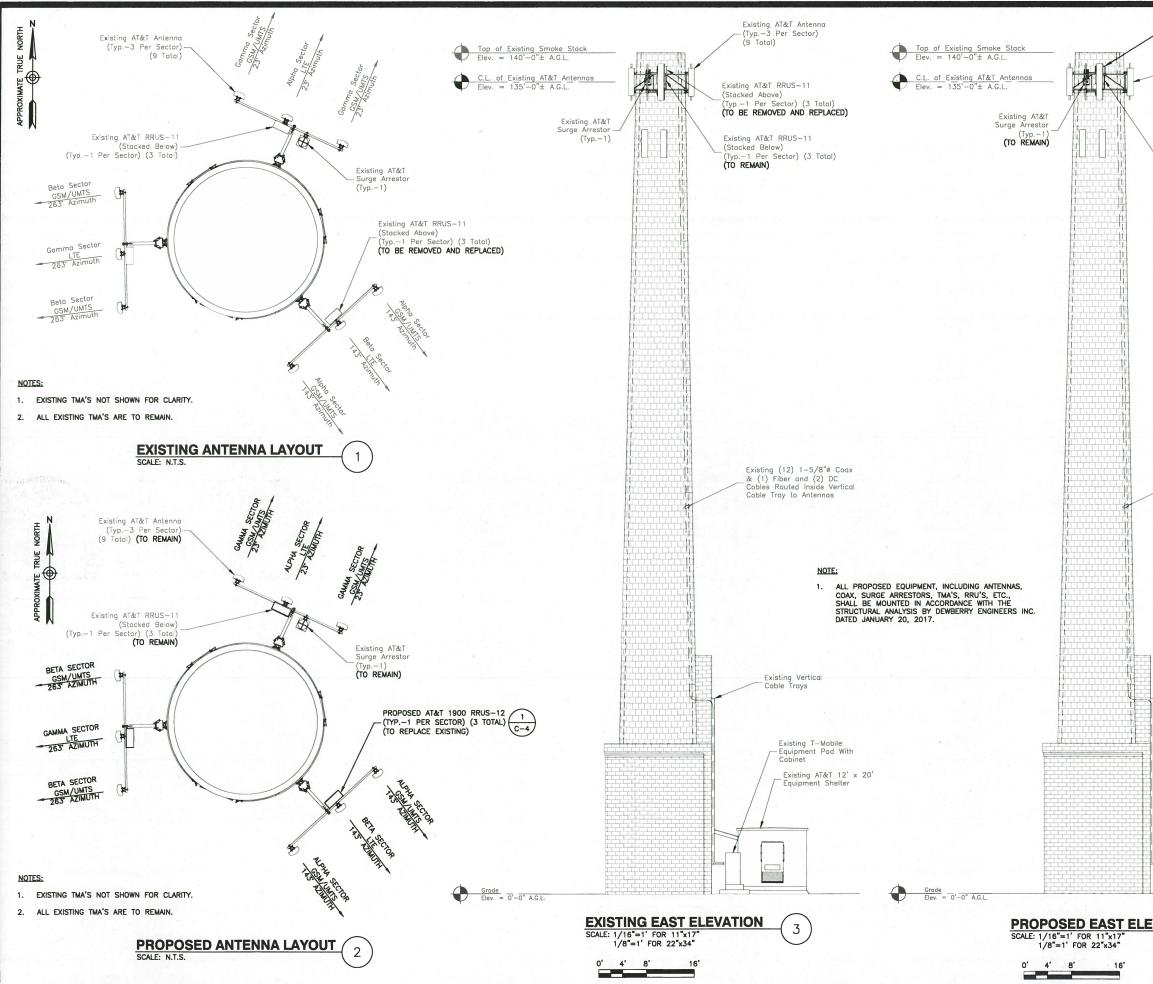




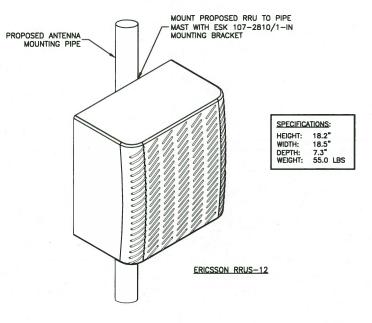


Existing (12) Port (0 PORTS OPEN)

Existing (2) Port (0 PORTS OPEN)



| PROPOSED AT&T 1900 RRUS-12 (TYP1 PER SECTOR) (3 TOTAL) (TO REPLACE EXISTING) Existing AT&T Antenna (Typ3 Per Sector) (9 Total) (TO REMAIN) | at&t |
|---|---|
| | 500 ENTERPRISE DRIVE SUITE 3A ROCKY HILL, CT 06067 |
| Existing AT&T RRUS-11 (Stacked Below) (Typ1 Per Sector) (3 Total) (TO REMAIN) | 27 NORTHWESTERN DRIVE SALEM, NH 03079 |
| | CT1130 WATERTOWN |
| | CONSTRUCTION DRAWINGS |
| | 0 01/20/17 ISSUED FOR CONSTRUCTION A 01/12/17 ISSUED FOR REVIEW Dewberry ® |
| Existing (12) 1-5/8"ø Coax | Dewberry Engineers Inc. 600 PARSIPPANY ROAD SUITE 301 PARSIPPANY, NJ 07054 PHONE: 973.739.9400 |
| & (1) Fiber and (2) DC Cables Routed Inside Vertical Cable Tray to Antennas (TO REMAIN) | BO CANAL ENGINE |
| | CONNECTICUT LICENSE NO. 0023222 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT. |
| Evipting Vertical | DRAWN BY: BJR |
| Existing Vertical Cable Trays | REVIEWED BY: BSH |
| | CHECKED BY: GHN |
| Existing T-Mobile | PROJECT NUMBER: 50055106 |
| Equipment Pad With | JOB NUMBER: 50065678 |
| Existing AT&T 12' x 20' | SITE ADDRESS: |
| | 76 WESTBURY PARK ROAD WATERTOWN, CT 06795 LITCHFIELD COUNTY |
| | SHEET TITLE |
| | ANTENNA LAYOUTS & ELEVATIONS |
| | SHEET NUMBER |
| <u> </u> | C-3 |



RRU NOTES:

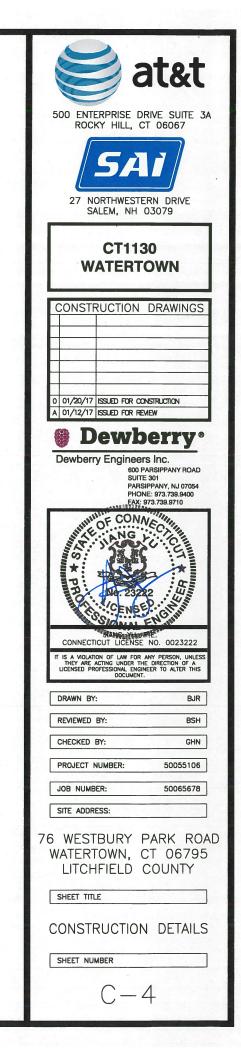
1. MOUNT EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.

- 2. GROUND EQUIPMENT AND MOUNTS PER MANUFACTURER'S RECOMMENDATIONS AND AT&T STANDARDS.
- 3. CONFIRM REQUIRED EQUIPMENT WITH THE LATEST RFDS.

RRUS-12 - REMOTE RADIO UNIT

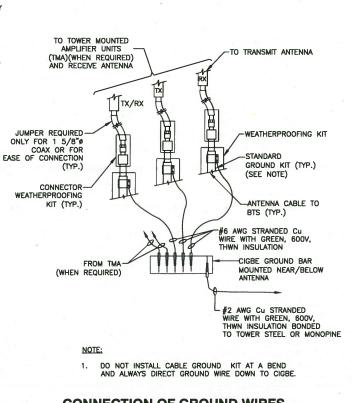
1

| SECTOR | MAKE | MODEL# | SIZE (INCHES) |
|--------|----------------------|--------------------|--------------------------------|
| ALPHA: | ERICSSON ERICSSON | RRUS-11 RRUS-12 | 19.7x17.0x7.2 18.2x18.5x7.3 |
| BETA: | ERICSSON ERICSSON | RRUS-11 RRUS-12 | 19.7x17.0x7.2 18.2x18.5x7.3 |
| GAMMA: | ERICSSON | RRUS-11 RRUS-12 | 19.7x17.0x7.2 18.2x18.5x7.3 |



GROUNDING NOTES:

- THE CONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY AND INSTALLED FOR STRICT COMPLIANCE WITH THE NEC (AS ADDITED THE AHJ). THE SITE-SPECIFIC (UL, LPI, OR NFPA) LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORDIA AND TA GROUNDING STANDARDS. THE CONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE ENGINEER FOR RESOLUTION.
- ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION RADIO, LIGHTNING PROTECTION, AND AC POWER (ESS) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS, ALL AVAILABLE GROUNDING ELECTRODES SHALL BE CONNECTED TOGETHER IN ACCORDANCE WITH THE NEC.
- THE CONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. USE OF OTHER METHODS MUST BE PRE-APPROVED BY THE ENGINEER IN WRD
- THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS ON TOWER SITES AND 10 OHMS OR LESS ON ROOFTOP SITES. WHEN ADDING ELECTRODES, CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE BETWEEN THE ADDED ELECTRODE AND ANY OTHER EXISTING ELECTRODE EQUAL TO THE BURIED LENGTH OF THE ROD. IDEALLY, CONTRACTOR SHALL STRVE TO KEEP THE SEPARATION DISTANCE EQUAL TO TWICE THE BURIED LENGTH OF THE RODS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT
- METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH 6 AWG COPPER WIRE AND UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
- METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO TRANSMISSION EQUIPMENT.
- CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED. BACK-TO-BACK CONNECTIONS ON OPPOSITE SIDES OF THE GROUND BUS ARE PERMITTED.
- ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
- 10. USE OF 90' BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45' BENDS CAN BE ADEQUATELY SUPPORTED. IN ALL CASES, BENDS SHALL BE MADE WITH A MINIMUM BEND RADIUS OF 8 INCHES
- EACH INTERIOR TRANSMISSION CABINET FRAME/PLINTH SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH 6 AWG STRANDED, GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRE UNLESS NOTED OTHERWISE ON THE DETAILS. EACH OUTDOOR CABINET FRAME/PUINT SHALL BE DIRECTLY CONNECTED TO THE BURIED GROUND RING WITH AWG SOLID TIN-PLATED COPPER WIRE UNLESS NOTED OTHERWISE IN
- 12. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE 2 AWG SOLID TIN-PLATED COPPER UNLESS OTHERWISE INDICATED.
- 13. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE. CONNECTIONS TO ABOVE GRADE UNITS SHALL BE MADE WITH EXOTHERMIC WELDS WHERE PRACTICAL OR WITH 2 HOLE MECHANICAL TYPE BRASS CONNECTORS WITH STAINLESS STEEL HARDWARE, INCLUDING SET SCREWS. HIGH PRESSURE CRIMP CONNECTORS MAY ONLY BE USED WITH WRITTEN PERMISSION FROM SAI MARKET REPRESENTATIVE.
- EXOTHERMIC WELDS SHALL BE PERMITTED ON TOWERS ONLY WITH THE EXPRESS APPROVAL OF THE TOWER MANUFACTURER OR THE CONTRACTORS STRUCTURAL ENGINEER.
- 15. ALL WIRE TO WIRE GROUND CONNECTIONS TO THE INTERIOR GROUND RING SHALL BE FORMED USING HIGH PRESS CRIMPS OR SPLIT BOLT CONNECTORS WHERE INDICATED IN THE DETAILS.
- 16. ON ROOFTOP SITES WHERE EXOTHERMIC WELDS ARE A FIRE HAZARD COPPER COMPRESSION CAP CONNECTORS MAY BE USED FOR WIRE TO WIRE CONNECTORS. 2 HOLE MECHANICAL TYPE BRASS CONNECTORS WITH STAINLESS STEEL HARDWARE, INCLUDING SET SCREWS SHALL BE USED FOR CONNECTION TO ALL ROOFTOP TRANSMISSION EQUIPMENT AND STRUCTURAL STEEL
- 17. COAX BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR USING TWO-HOLE MECHANICAL TYPE BRASS CONNECTORS AND STAINLESS STEEL
- APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
- 19. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL
- 20. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
- BOND ALL METALLIC OBJECTS WITHIN 6 FT OF THE BURIED GROUND RING WITH 2 AWG SOLID TIN-PLATED COPPER GROUND CONDUCTOR. DURING EXCAVATION FOR NEW GROUND CONDUCTORS, IF EXISTING GROUND CONDUCTORS ARE ENCOUNTERED, BOND EXISTING GROUND CONDUCTORS TO NEW CONDUCTORS.
- 22. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUTS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERAL SUCH AS PVC PLASTIC CONDUT SHALL BE USED, WHERE USE OF THE CONDUCT IS LIMPORTE OF UNDER IS CONDUCT. OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT BONDED TO EACH END OF THE METAL CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUCT WITH LISTED BONDING





INTENN.

#6 AWG GROUND WIRE

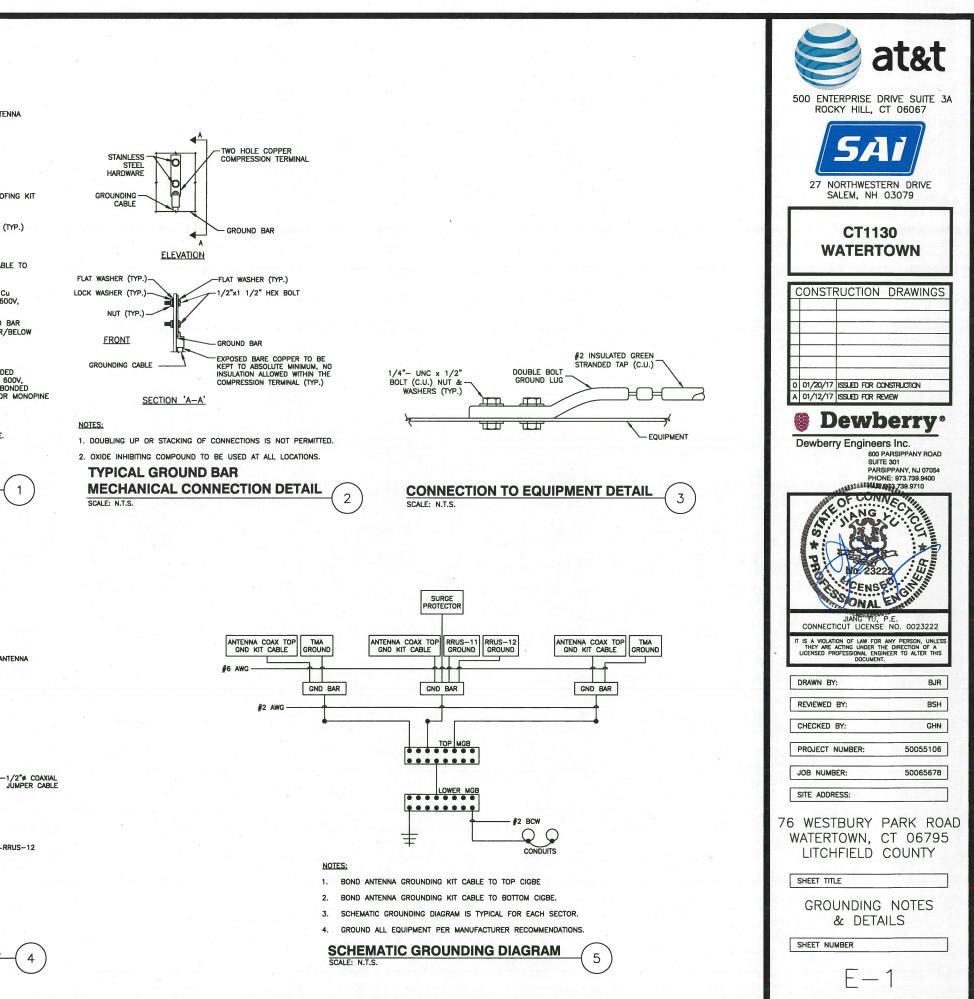
TO NEXT-

(TYP.)

#2 AWG BARE

COPPER GROUND

WIRE TO EQUIPMENT GROUND BAR



TYPICAL ANTENNA GROUNDING DETAIL SCALE: N.T.S.

ANTENN

GROUND BAR

#6 AWG-

GROUND

IL



Dewberry Engineers Inc. 600 Parsippany Road, Suite 301 Parsippany, NJ 07054

973.739.9400 973.739.9710 fax www.dewberry.com

February 1, 2017

Carl Aquilina SAI Communications 27 Northwestern Drive Salem NH , 03079

Re: Site ID: CT1130 Site Name: Watertown FA#: 10035384 Dewberry No.: 50065678 Site Address: 76 Westbury Park Road Watertown, CT 06795

Dear Mr. Aquilina,

Dewberry Engineers Inc. (Dewberry) has assessed the structural integrity of the existing masonry smokestack for the proposed telecommunications upgrade at the above mentioned site. The telecommunications upgrade consists of removing and replacing three (3) existing remote radio heads attached to the existing RRH mounts on existing antenna frames attached to smokestack at a centerline elevation of 135'-0" \pm A.G.L. The telecommunications upgrade is proposed by AT&T and managed by SAI Communications.

The assessment is based on the following information:

- 1. Photographs, field notes, visual observation of existing antenna installation and other relevant information acquired on a site visit conducted by Dewberry Engineers on December 1, 2016.
- 2. RFDS for proposed antenna configuration dated November 1, 2016.
- 3. Chimney Design Calculations by International Chimney Corporation dated May 16, 2011.
- 4. 2016 Connecticut State Building Code, Amendments to the 2012 International Building Code.

The load of the proposed AT&T equipment is an increase in load on the masonry smokestack. However, the increase is less than a 5% in gravity load and less than a 10% increase in lateral load to the currently installed configuration. Therefore, per Sections 3403.3 & 3403.4 of 2016 Connecticut State Building Code, Amendments to the 2012 International Building Code, we have determined that the existing masonry smokestack is **structurally adequate** for the proposed upgrade. No structural analysis for the existing smokestack was performed at the time this letter was written. All antennas and associated equipment are to be installed in accordance with configuration in the latest Construction Drawings by Dewberry. Dewberry recommends that the existing masonry smokestack be inspected and maintained for general decay and that any additional installations require a similar evaluation.

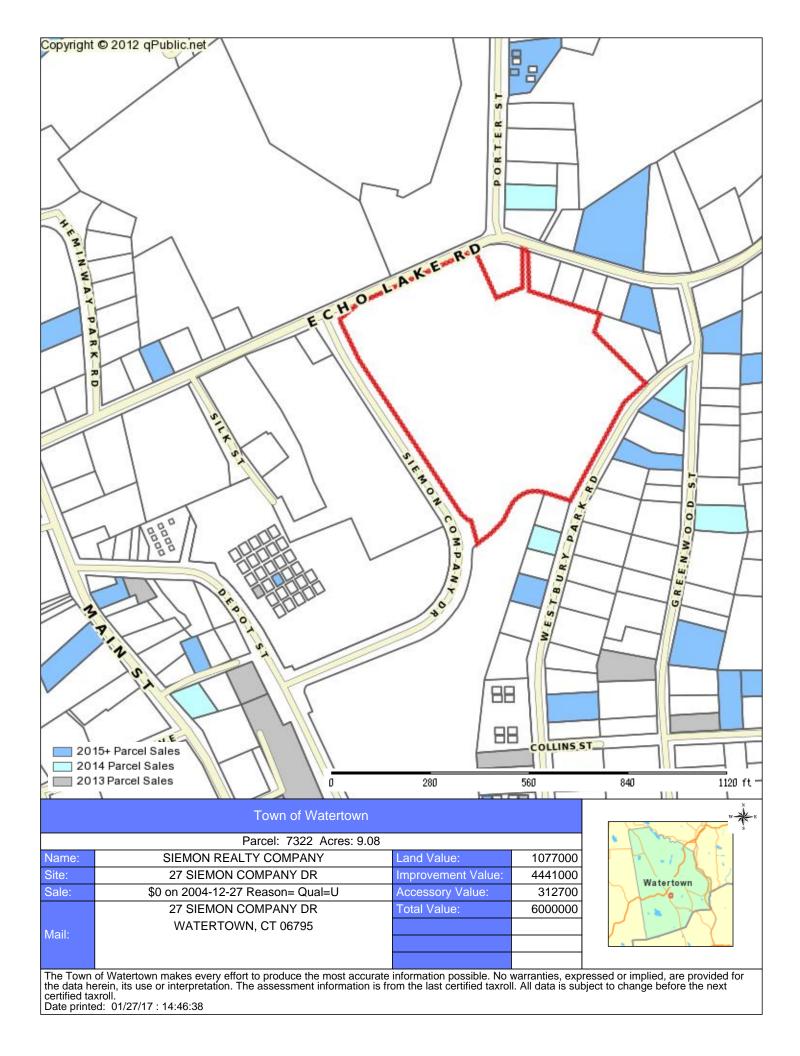
This assessment was based on the following limitations and assumptions:

- 1. No antennas and associated accessories shall deviate from the Construction Drawings without prior written approval of the Engineer.
- 2. Dewberry is not responsible for any modifications completed prior to and hereafter where Dewberry is not the Engineer of Record.
- 3. All components supporting the AT&T equipment are assumed to be designed to all applicable codes and designed for loads equal to or larger than the current proposed loads.

CONVERSION AVE any questions, please do not hesitate to call me at 973.739.9400.



CT Professional Engineer License No. 23222



Town of Watertown, CT

| G Parking for 1 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | |
|------------------------------|--|---------------|-----------------|---------------------|----------------------|----------------|
| Recent Sales in Neighborhood | Previous Parcel | Next Parcel | Field Definit | tions <u>Retu</u> | rn to Main Search | Watertown Home |
| | | Owner and Par | cel Information | | | |
| Owner Name | SIEMON REALTY COMPANY | Toda | ay's Date | January 27, 2017 | | |
| Mailing Address | 27 SIEMON COMPANY DR | Parc | el ID | 7322 (Account #: 73 | 22) | |
| | WATERTOWN, CT 06795 | | | | | |
| Location Address | 27 SIEMON COMPANY DR | Cen | sus Tract | | | |
| Map / Block / Lot | 110 / 78B / 32 | Acre | age | 9.08 | | |
| Use Class / Description | 4000 Industrial MDL-96 | Parc | el Map | Show Parcel Map | Owner List By Radius | |
| Assessing Neighborhood | 120A | Utili | ties | All Public, | | |

| | Current Appraised Value Information | | | | | | | | | |
|----------------|---|------------|--------------|--|--------------|--------------|--------------|--|--|--|
| Building Value | Building Value XF Value OB Value Land Value Special Land Value Total Appraised Value Net Appraised Value Current Assessment | | | | | | | | | |
| \$ 4,441,000 | \$ 312,700 | \$ 169,300 | \$ 1,077,000 | | \$ 6,000,000 | \$ 6,000,000 | \$ 4,200,000 | | | |

| | Assessment History | | | | | | | | | | |
|---------|--------------------|------------|------------|------------------|--|--|--|--|--|--|--|
| Year | Building | OB/Misc | Land | Total Assessment | | | | | | | |
| Current | \$ 3,108,600 | \$ 118,600 | \$ 753,900 | \$ 4,200,000 | | | | | | | |
| 2015 | \$ 3,108,600 | \$ 118,600 | \$ 753,900 | \$ 4,200,000 | | | | | | | |
| 2014 | \$ 4,975,600 | \$ 118,600 | \$ 753,900 | \$ 6,067,000 | | | | | | | |

| | | | | | | | Land Inf | ormation | | | | | |
|------|---------------------------|----------------|---------------|-------------------|-------|--|--|------------------|----------------------|---------|---------|------------------|------------|
| | | L L | Jse | | | Cla | SS | Zoning | Area | | | Value | |
| | | Industri | al MDL-94 | | | I IG20F | | | 9.08 AC \$ 1,077,000 | | | 00 | |
| | | | | | | | Commercial Buil | ding Information | | | | | |
| | Style | Year B | uilt | Eff Year l | Built | Gross Area | Stories | Grade | Exterior Wall | Interio | r Wall | Wall Height | # Units |
| Offi | ice Bldg | 1900 | | 1998 | | 217,180 | 3 | C- | Brick | Typic | al | 10 | 33 |
| Ro | of Cover | Roof Stru | icture | Floor Ty | /pe | Heat Type | Heat Fuel | AC Type | Sprinkler | Constru | uction | Plumbing | Comm Walls |
| Tar | & Gravel | Flat | | Typical | | Typical | Forced Air-Duc | Heat/AC Pkgs | % | Maso | nry | Average | 0% |
| | Buile | ding Sub / | Areas | | | Buildi | ng Sketch <u>Enlar</u> d | <u>e</u> | | Buildi | ng Phot | o <u>Enlarge</u> | |
| Code | Description | Living Area | Gross Area | Effective Area | | | FUS FUS BAS BAS | | | | | and a | |
| BAS | First Floor | 82,459 | 82,459 | | | | BAS BAS | | | | | | 1 |
| FOP | Porch, Open | 0 | 100 | | | 2461 | 46 | | | - | | | 3 |
| FUS | Upper Story, Finished | 102,618 | 102,618 | | BAS | 135 FUS 18FUS 18FUS BAS | BAS 16 | | 1000 | | | | |
| ULL | Unfinished Lower Level | 0 | 32,003 | | 143 | 14642 F | 74 12 US BAS 58 US ULL 26 | | | | 1.00 | | |
| | Totals | 185,077 | 217,180 | 196,303 | 9 | 54 ⁸ 89 23 3 20 FUS FUS 8AS 5029FUS 5029FUS | AS 5480 38 ³⁹ 0 51 4816 8AS 71 29 4829 E | AS 140 FOP | | | | | |

| 143 | BAB HACH2 74 12 BAS 44 FUS BAS 58 FUS UL 36 548AS 5400 38 80 22 51 48. | | | 1 |
|----------------------------|---|---------|---------------------------------|---------|
| 93 20 FUS BAS ULL | FUS 00 FUS 51 BAS BAS 6028 BAS 71 29 4829 ULL 512 | BAS 140 | 10 ^{1EOP} 100 53 | 1 1 1 1 |
| | | | | |



| | Out Buildings / Extra Features | | | | | | | | |
|----------------|--------------------------------|--------------|------------|------------|--|--|--|--|--|
| Description | Sub Description | Area | Year Built | Value | | | | | |
| Sprinkler-Wet | | 214,068 S.F. | 1998 | \$ 94,200 | | | | | |
| Elevator Com 2 | | 1 UNITS | 1998 | \$ 49,800 | | | | | |
| Load Lv Power | | 1 UNITS | 1998 | \$ 1,600 | | | | | |
| Elevator Com 3 | | 1 UNITS | 1998 | \$ 53,400 | | | | | |
| Elevator Com 4 | | 2 UNITS | 1998 | \$ 113,700 | | | | | |
| Asphalt Paving | | 160,000 S.F. | 1970 | \$ 160,000 | | | | | |
| Lights 1 | | 5 UNITS | 1970 | \$ 2,800 | | | | | |
| Canopy | | 192 S.F. | 1990 | \$ 1,500 | | | | | |
| Lights 2 | | 6 UNITS | | \$ 3,700 | | | | | |
| Lights 3 | | 2 UNITS | | \$ 1,300 | | | | | |

| Sale Information | | | | | | | | | |
|------------------|------------|----------------|--------------------|--------|--------------------|-----------------------|--|--|--|
| Sale Date | Sale Price | Deed Book/Page | Sale Qualification | Reason | Vacant or Improved | Owner | | | |
| 12/27/2004 | | 1358/ 124 | Unqualified | | Improved | SIEMON REALTY COMPANY | | | |
| 00/00/0000 | | 363/ 199 | Unqualified | | Improved | SIEMON COMPANY THE | | | |

| Permit Information | | | | | | | | |
|--------------------|------------|------|-------------|--------|-----------------|------------|---------------|---------------------|
| Permit ID | Issue Date | Туре | Description | Amount | Inspection Date | % Complete | Date Complete | Comments |
| 67460 | 09/22/2014 | | | | | 0 | | ELEC WIRING FOR LAB |
| | | | | | | | | |

| 62979 | 09/29/2011 | | | | | | 0 | | | IN | STALL 3 ANTENNAS @ ASSOC | EQUIP ON | SMOKE STACK |
|-------|------------------|--------|-------------|-------------|------|----------|------------|-------|--------------------|------|--------------------------|----------|---------------|
| 60304 | 03/25/2009 | СМ | Commercial | | | | 0 | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Rece | nt Sales in Neig | hborho | od <u>F</u> | Previous Pa | rcel | Next Par | <u>cel</u> | Field | Definitions | Retu | urn to Main Search Page | w | atertown Home |

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Town of Watertown Connecticut

Planning and Zoning, Zoning Board of Appeals, Conservation Commission/Inland Wetland Agency Watertown Municipal Center 61 Echo Lake Road Watertown, CT 06795 Telephone: (860) 945-5266 Website: www.watertownct.org

Fax: (860) 945-4706

| To: | Planning and Zoning Commission |
|----------|--|
| From: | Ruth Mulcahy, Land Use Administrator |
| Date: | September 7, 2011 |
| Subject: | AT &T Mobility, Siemon Smokestack, 76 Westbury Park Road, Watertown, Special Permit #315//Site Plan application for 3 smokestack mounted panel antennas 132' feet high and equipment cabinets in an equipment shelter in an I-G20F General Industrial District. |

WHEREAS, the Town of Watertown Planning and Zoning Commission received a Special Permit #315/Site Plan application from AT & T Mobility, Siemon Realty Princeton Building Smokestack, 76 Westbury Park Road, Watertown on 9.08 acres for 3 smokestack mounted panel antennas 132' feet high and equipment cabinets in an xisting equipment shelter in an I-G20F General Industrial District which includes Title Sheet 01, General Notes GN-1, Site Plan & Equipment Plan A-1, Antenna Layout and Elevation A-2 and Grounding, One-Line Diagram & Details G-1 dated 1/26/11 prepared bySAI Communications, 22 Keewaydin Drive, Salem, N.H. and

WHEREAS, the Commission held a public hearing on September 7, 2011;

IT IS THEREFORE RESOLVED the Watertown Planning and Zoning Commission APPROVES Special Permit #315/Site Plan application from AT &T Mobility, Siemon Smokestack, 76 Westbury Park Road, Watertown for 3 smokestack mounted panel antennas 132' feet high and equipment cabinets located in an equipment shelter in an I-G20F General Industrial District subject to the following conditions:

- 1. The equipment shall be painted to match the exterior of the building or structure.
- All exterior lighting shall be full cut-off fixtures. 2.
- Prior to Town officials signing a final mylar map and two paper copies, 3. the final map shall be submitted to the Land Use Office for review and approval by the Town Engineer and the Administrator of Land Use and are subject to review and approval by the Commission at the discretion of the Chairman or Commission.