

NB+C, LLC 100 Apollo Drive Suite 303 Chelmsford, MA 01824 Agent for American Tower Corporation *David Hoogasian – Project Manager* 508-344-3343 dhoogasian@nbcllc.com

December 28, 2018

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

Notice of Exempt Modification Facility Address 668 Jones Hill Rd., West Haven, CT 06516 Facility Coordinates (N) 41.25640278 (W) 72.97236111

Dear Ms. Bachman:

American Tower Corporation, Inc (ATC) currently maintains an Existing Cellular Tower Facility (150' Monopole) at 668 Jones Hill Rd., West Haven, CT 06516, Parcel ID: 019-0001-0-000A in the City of West Haven. The property is owned by Robert E. Newkirk. American Tower Corporation, Inc (ATC) now intends install an optional standby generator system and automatic transfer switch to the existing generator, within the leased, fenced ground space area of the facility. The purpose of the installation is to allow for a shared back up emergency power option for its current (and future) wireless carrier tenants.

This tower facility was approved by the Connecticut Siting Council in Docket No. 293 on May 11, 2005. Because this proposed generator is within the existing, approved compound space, and the applicant is NOT requesting expansion of ground space beyond the approved conditions, this modification request complies with the conditions of the original Tower 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 Mayor Nancy Rossi of the City of West Haven and the City of West Haven Commissioner of the Department of Planning and Development Fred A. Messore, as well as the property owner and tower owner.

ATTACHMENT A

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 generator back up power facility will not increase radio frequency emissions at the facility to the 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 if the tower will be reenforced to support them. <<< <u>NOTE</u> – This condition is N/A. The proposed Generator is based on the ground, and not associated or loaded onto the tower or foundation.

For the foregoing reasons, American Tower Corporation (ATC) 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).

Sincerely,

David Hoogasian

Attachments

Cc: Mayor Nancy Rossi - Elected Official Fred A. Messore -Commissioner of the Department of Planning and Development American Tower Corporation (ATC) – Tower owner Robert E. Newkirk – Property owner



Parcel ID

019-0001-0-000A

Account

00022558

Property Information

| Owner | NEWKIRK ROBERT E |
|-----------------|---------------------|
| Co-Owner | |
| Address | 668 JONES HILL RD |
| Mailing Address | 668 JONES HILL RD |
| | WEST HAVEN CT 06516 |
| Land Use | 3220 STORE MDL-94 |
| Land Class | с |

| Vision ID | 17637 |
|--------------|----------------------------|
| Census Tract | 1547 |
| Neighborhood | |
| Zoning Code | R1 |
| Acreage | 13.09 |
| Utilities | Public Water, Public Sewer |

Photo



Sketch



Primary Construction Details

| Actual Year Built | 1998 |
|----------------------|----------|
| Effective Year Built | 1997 |
| Stories | 1 |
| Building Style | Ranch |
| Building Use | Comm/Ind |
| Building Condition | Average |
| Total Rooms | |
| | |

| Bedrooms | 2 Bedrooms |
|----------------|----------------|
| Full Bathrooms | 1 |
| Half Bathrooms | 1 |
| Bath Style | Average |
| Kitchen Style | Average |
| Roof Style | Gable |
| Roof Cover | Asph/F Gls/Cmp |

| Exterior Walls | Wood on Sheath |
|-------------------|----------------|
| Interior Walls | Drywall/Sheet |
| Heating Type | Forced Air-Duc |
| Heating Fuel | Coal or Wood |
| АС Туре | Central |
| Gross Bldg Area | 774 |
| Total Living Area | 654 |

Valuation Summary (Assessed value = 70% of Appraised Value)

| Item | Appraised | Assessed |
|--------------|-----------|----------|
| Buildings | 149600 | 104720 |
| Outbuildings | 36500 | 25550 |
| Improvements | 186100 | 130270 |
| Extras | 0 | 0 |
| Land | 397600 | 213140 |
| Total | 583700 | 343410 |

Sub Areas

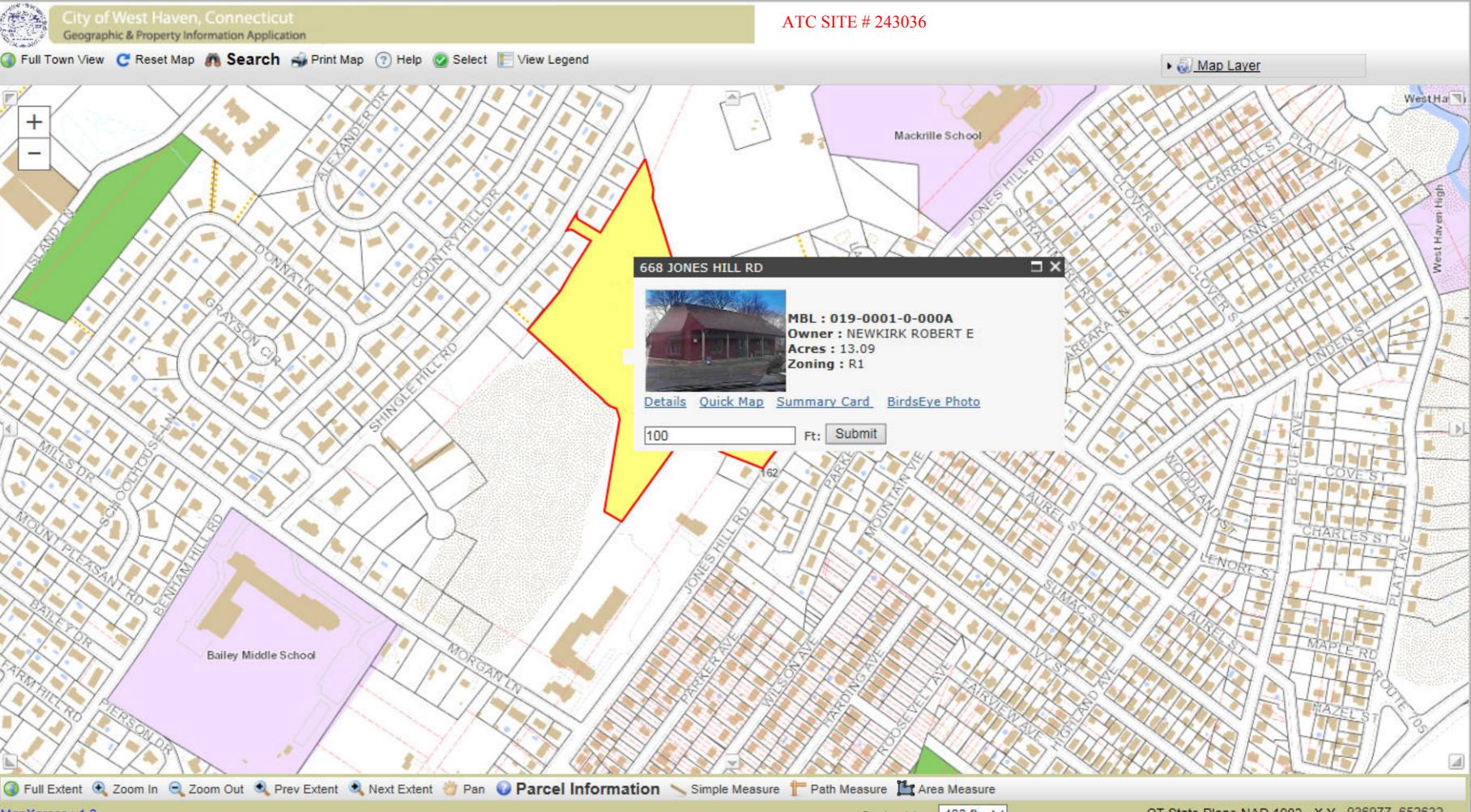
| Subarea Type | Gross Area (sq ft) | Living Area (sq ft) |
|-------------------------|--------------------|---------------------|
| First Floor | 654 | 654 |
| Porch, Open, Finished | 323 | 0 |
| First Floor | 1915 | 1915 |
| Porch, Open, Unfinished | 120 | 0 |
| | | |
| | | |
| | | |
| | | |
| | | |
| Total Area | 774 | |

Outbuilding and Extra Items

| Description | Units |
|----------------|-----------|
| SHED FRAME | 120 S.F. |
| SCREEN HOUSE | 600 S.F. |
| GAZEBO | 240 S.F. |
| W/LIGHTS ETC | 360 S.F. |
| W/IMPROVEMENTS | 1764 S.F. |
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Sales History

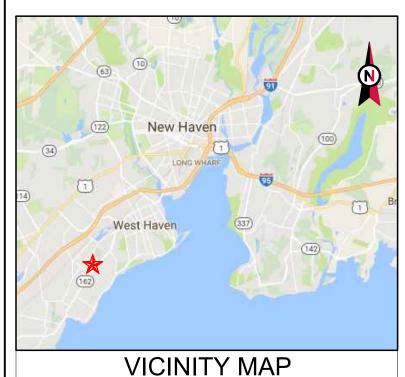
| Owner of Record | Book/ Page | Sale Date | Sale Price |
|------------------|------------|------------|------------|
| NEWKIRK ROBERT E | 1043/1000 | 10/16/1997 | 0 |



MapXpress v1.0

Scale: 1 in = 400 ft 🗸







AMERICAN TOWER®

ATC SITE NAME: WEST HAVEN & RT 162 CT SITE NUMBER: 243036 SITE ADDRESS: 668 JONES HILL ROAD WEST HAVEN, CT 06516



LOCATION MAP

SHARED GENERATOR PROGRAM ADDITIONAL TENANT

| COMPLIANCE CODE | PROJECT SUMMARY | PROJECT DESCRIPTION | | SHEET INDE | Х | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|------|----------|----------|
| ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE | SITE ADDRESS: | THE PROPOSED PROJECT INSTALLS AN OPTIONAL STANDBY GENERATOR SYSTEM, AUTOMATIC TRANSFER SWITCH, | SHEET NO: | DESCRIPTION: | REV: | DATE: | BY: |
| FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS | 668 JONES HILL ROAD WEST HAVEN, CT 06516 | GENERATOR AUXILIARY POWER DISTRIBUTION, AND REMOTE MONITORING COMMUNICATIONS CIRCUITRY FOR A | G-001 | TITLE SHEET | 0 | 08/31/18 | BP |
| TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. | | COMMUNICATION TOWER TENANT. | G-002 | GENERAL NOTES | 0 | 08/31/18 | BP |
| | GEOGRAPHIC COORDINATES: | PROJECT NOTES | C-101 | SITE PLAN | 0 | 08/31/18 | BP |
| 1. INTERNATIONAL BUILDING CODE (IBC) | LATITUDE: 41.25640278 LONGITUDE: -72.97236111 | 1. THE FACILITY IS UNMANNED. | C-501 | TRENCHING AND H-FRAME DETAILS | 0 | 08/31/18 | BP |
| NATIONAL ELECTRIC CODE (NEC) LOCAL BUILDING CODE | GROUND ELEVATION: 135' AMSL | A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. | E-601 | ELECTRICAL ONE-LINE | 0 | 08/31/18 | BP |
| 4. CITY/COUNTY ORDINANCES | | THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. | | | | | |
| | | NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. | | | | | |
| | PROJECT TEAM | 5. HANDICAP ACCESS IS NOT REQUIRED. | | | | | |
| | ATC REGIONAL NETWORK DEVELOPMENT PROJECT MANAGER: | | | | | | |
| UTILITY COMPANIES | JON RODGERS (781) 926-7855 | | | | | | |
| POWER COMPANY: UNITED ILLUMINATING PHONE: (203) 499-3333 | ATC NETWORK OPERATIONS CENTER: (877) 518-6937 | | | | | | |
| TELEPHONE COMPANY: FRONTIER COMMUNICATIONS PHONE: (800) 376-6843 | TOWER OWNER: AMERICAN TOWER | PROJECT LOCATION DIRECTIONS | - | | | | + |
| | 10 PRESIDENTIAL WAY WOBURN, MA 01801 | | | | | | |
| 811 | PROPERTY OWNER: NEWKIRK ROBERT E 668 JONES HILL RD WEST HAVEN, CT 06516 ENGINEERED BY: | FROM BOSTON, MA: TAKE I 95 SOUTH INTO CT AND FOLLOW TO EXIT # 42 . TAKE RIGHT ONTO RT 162 AND FOLLOW INTO WEST HAVEN - STAY ON RT 162 AND FOLLOW TO 668 JOHNS HILL ROAD | | | | | |
| Know what's below. Call before you dig. | ATC TOWER SERVICES 3500 REGENCY PARKWAY SUITE 100 CARY, NC 27518 | | | | | | <u> </u> |

| AMERICAN TOWER® A.T. ENGINEERING SERVICE, PLLC | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 3500 REGENCY PARKWAY SUITE 100 | | | | |
| CARY, NC 27518 PHONE: (919) 468-0112 COA: PEC.0001553 | | | | |
| THESE DRAWINGS AND/OR THE ACCOMPANYING | | | | |
| THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VENIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY UNIST VENIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY UNISCREPARCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER. | | | | |
| REV. DESCRIPTION BY DATE | | | | |
| O FOR CONSTRUCTION BP 08/31/18 O | | | | |
| | | | | |
| | | | | |
| ATC SITE NUMBER: | | | | |
| 243036 | | | | |
| ATC SITE NAME: | | | | |
| WEST HAVEN & | | | | |
| RT 162 CT | | | | |
| SITE ADDRESS: | | | | |
| 668 JONES HILL ROAD WEST HAVEN, CT 06516 | | | | |
| SEAL: | | | | |
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| T ••Mobile• | | | | |
| DRAWN BY: BP | | | | |
| APPROVED BY: PPB DATE DRAWN: 08/31/18 | | | | |
| ATC JOB NO: 12609055 | | | | |
| TITLE SHEET | | | | |
| SHEET NUMBER: REVISION: | | | | |
| G-001 0 | | | | |

GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC MASTER SPECIFICATIONS.
- 2. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS. 3.
- ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER
- DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS. 5
- DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS 6.
- 7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR
- CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC
- CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, 9. DRAIN PIPES, VENTS, ETC, BEFORE COMMENCING WORK
- INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ATC CM PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE ATC CM PRIOR TO PROCEEDING.
- 11. EACH CONTRACTOR SHALL COOPERATE WITH THE ATC CM, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS
- 12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE ATC CONSTRUCTION MANAGER.
- 13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
- 14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE ATC CONSTRUCTION MANAGER IMMEDIATELY
- CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH 16. DAY
- CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
- CONTRACTOR SHALL FURNISH ATC WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON 18. COMPLETION OF WORK
- PRIOR TO SUBMISSION OF BID. CONTRACTOR SHALL COORDINATE WITH ATC CM TO DETERMINE 19. WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
- PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CONSTRUCTION 20. MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY ATC. ALL REQUIRED PERMITS NOT OBTAINED BY ATC MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
- CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH ATC SPECIFICATIONS 21 AND REQUIREMENTS.
- CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ATC FOR REVIEW AND APPROVAL PRIOR 22. TO FABRICATION
- ALL FOUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND 23. LOCATED ACCORDING TO ATC SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE 24 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- CONTRACTOR SHALL NOTIFY ATC CM A MINIMUM OF 48 HOURS IN ADVANCE OF POURING 25. CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION. TEMPORARY SHORING. SCAFFOLDING. TRENCH BOXES/SLOPING. BARRIERS ETC.
- 27. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS

REPRESENTATIVES. EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR. SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION

- 28. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE ATC CM. ANY WORK FOUND BY THE ATC CM TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
- 29. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAETER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

CONCRETE AND REINFORCING STEEL NOTES:

- DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE "
- MIX DESIGN SHALL BE APPROVED BY ATC CM PRIOR TO PLACING CONCRETE. 2.
- 3. CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A SLUMP RANGE OF 3-5" AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED
- 4. THE FOLLOWING MATERIALS SHALL BE USED:

PORTLAND CEMENT:

REINFORCEMENT BARS:

REINFORCEMENT:

WATER

ADMIXTURES

ASTM C150, TYPE 2 ASTM A185, PLAIN STEEL WELDED WIRE FABRIC ASTM A615, GRADE 60, DEFORMED NORMAL WEIGHT AGGREGATE: ASTM C33 ASTM C 94/C 94M

- -WATER-REDUCING AGENT: ASTM C 494/C 494M, TYPE A -AIR-ENTERING AGENT ASTM C 260/C 260M -SUPERPLASTICIZER: ASTM C494, TYPE F OR TYPE G -RETARDING: ASTM C 494/C 494M, TYPE B
- 5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3".
- A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S 7 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 ATC CM APPROVAL WHEN DRILLING HOLES IN CONCRETE
- ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN 8. "METHOD 1" OF ACL301
- DO NOT WELD OR TACK WELD REINFORCING STEEL.
- ALL DOWELS ANCHOR BOLTS EMBEDDED STEEL ELECTRICAL CONDUITS PIPE SLEEVES 10 GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT
- 11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
- 12. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
- 13. DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
- 14. FOR COLD-WEATHER(ACI 306) AND HOT-WEATHER(ACI 301M) CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM
- 15. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH."
- 16. UNLESS OTHERWISE NOTED:
 - A. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615/A 615M/A-996, GRADE 60.
 - B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT 17 DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.
- REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, 18. FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICED LENGTHS SHOWN IN THE

DRAWINGS. APPLY APPROPRIATE MODIFICATION FACTOR COVER AND THE LIKE.

- 19 DETAILING OF REINFORCING STEEL SHALL CONFORM TO ' FOR DETAILING REINFORCED CONCRETE STRUCTURES" (A
- ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT
- LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT T 21 CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AM DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROF BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DR
- SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH 22. BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SH OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 6".
- BAR SUPPORTS SHALL BE ALL-GALVINIZED METAL WITH PL 23
- ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE 24 CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL INTENDED PURPOSE, BUT NOT LESS THAN NO. 18 GAUGE.
- SLAB ON GROUND. 25
 - A. COMPACT SUBGRADE AND ENSURE THERE IS PLAC B. PROVIDE VAPOR BARRIER BENEATH SLAB ON GROU

STRUCTURAL STEEL NOTES:

- STRUCTURAL STEEL SHALL CONFORM TO THE LATEST ED FOR THE DESIGN, FABRICATION AND ERECTION OF STRUC
- STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS ASTM DESIGNATIONS
 - A. ASTM A-572, GRADE 50 ALL W SHAPES, UNLESS NO
 - B. ASTM A-36 ALL OTHER ROLLED SHAPES, PLATES A
 - C. ASTM A-500, GRADE B HSS SECTION (SQUARE, RE
 - D ASTM A-325 TYPE SC OR N ALL BOLTS FOR CONN
 - E. ASTM F-1554 07 ALL ANCHOR BOLTS, UNLESS NO
- ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE H 3 FABRICATION PER ASTM A123, EXPOSED STEEL HARDWAR GALVANIZED PER ASTM A153 OR B695
- ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GRO PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHAL COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND MANUFACTURER'S RECOMMENDATIONS.
- DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEM DETAILED ON STRUCTURAL DRAWINGS

CONNECTIONS

- A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIE ACCORDANCE WITH THE LATEST EDITION OF THE A
- B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% O DYE PENETRANT OR MAGNETIC PARTICLE TO MEET D1.1. REPAIR ALL WELDS AS NECESSARY.
- C. INSPECTION SHALL BE PERFORMED BY AN AWS CEI
- D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROV REQUIRED BY LOCAL GOVERNING AUTHORITY AND DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
- E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHI UNLESS NOTED OTHERWISE.
- F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WEL
- G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL GALVANIZING 1/2" BEYOND ALL FIELD WELD SURFAC INSPECTION IS COMPLETE REPAIR ALL GROUND AN GALVILITE COLD GALVANIZING COMPOUND PER AS RECOMMENDATIONS.

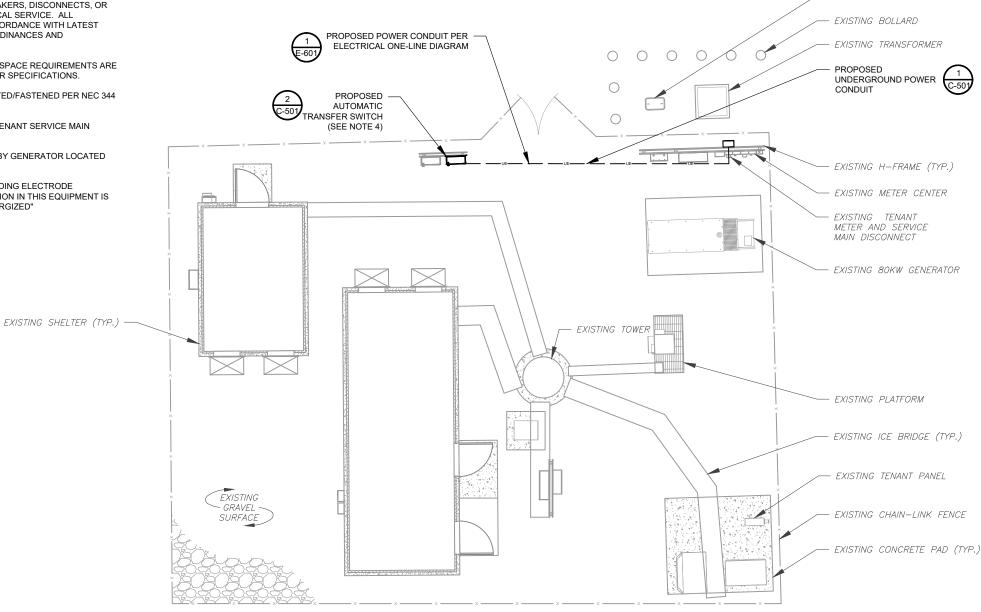
| S FOR TOP STEEL, BAR SPACING, | | |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| ACI MANUAL OF STANDARD PRACTICE ICI 315). | | |
| LY WITHOUT HORIZONTAL CT DRAWINGS. | AMERICAN TOWN | |
| O THE REQUIREMENTS OF THE ND ACCEPTANCE OF THE ENGINEER. POSED CONSTRUCTION JOINTS SHALL AWINGS. | 3500 REGENCY PARKWA SUITE 100 CARY, NC 27518 PHONE: (919) 468-0112 COA: PEC.0001553 | ć |
| H THAT THE OVERLAP MEASURED HEET IS NOT LESS THAN THE SPACING | THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE. EXCLUSIVE PROPERTY OF AMERICAN TOWER. T PUBLICATION SHALL BE RESTRICTED TO THE OF | ARE THE HEIR USE AND |
| ASTIC TIPS. | FOR WHICH THEY ARE PREPARED. ANY USE OR OTHER THAN THAT WHICH RELATES TO AMERIC THE SPECIFIED CARRIER IS STRICTLY PROHIBIT | DISCLOSURE AN TOWER OR ED. TITLE TO |
| TO PREVENT DISPLACEMENT BY BE OF SUFFICIENT STRENGTH FOR | THESE DOCUMENTS SHALL REMAIN THE PROPE AMERICAN TOWER WHETHER OR NOT THE PRO EXECUTED. NEITHER THE ARCHITECT NOR THE BE PROVIDING ON-SITE CONSTRUCTION REVIEW PROJECT. CONTRACTOR(S) MUST VERIFY ALL ADVISE AMERICAN TOWER OF ANY DISCREPAN ISSUANCE OF THIS DRAWING IS SUPERSEDED B | JECT IS ENGINEER WILL V OF THIS IMENSIONS AND CIES. ANY PRIOR |
| E 6" GRAVEL BENEATH SLAB. | VERSION ON FILE WITH AMERICAN TOWER. | |
| JND. | REV. DESCRIPTION B | Y DATE P_08/31/18_ |
| TION OF THE AISC "SPECIFICATION TURAL STEEL FOR BUILDINGS." | | |
| SHALL CONFORM TO THE FOLLOWING | <u> </u> | |
| DTED OR A992 OTHERWISE | ATC SITE NUMBER: 243036 | |
| AND BARS UNLESS NOTED OTHERWISE. | ATC SITE NAME: | |
| CTANGULAR, AND ROUND) | WEST HAVEN | & |
| ECTING STRUCTURAL MEMBERS | RT 162 CT | |
| TED OTHERWISE | SITE ADDRESS: 668 JONES HILL ROAD | |
| OT-DIPPED GALVANIZED AFTER E AND ANCHOR BOLTS SHALL BE | WEST HAVEN, CT 06516 | |
| DUND SURFACES WHERE EXISTING LL BE REPAIRED WITH (2) BRUSHED PER ASTM A780 AND | | |
| BERS EXCEPT AS SHOWN AND | | |
| ED WELDERS AND CONDUCTED IN WS WELDING CODE D1.1. | | |
| F WELDS SHALL BE INSPECTED WITH THE ACCEPTANCE CRITERIA OF AWS | | |
| RTIFIED WELD INSPECTOR. | T ••Mobi | |
| /IDE BURNING/WELDING PERMITS AS IF REQUIRED SHALL HAVE FIRE | | 16- |
| NG FILLER METAL, PER AWS D1.1, | DRAWN BY: BP APPROVED BY: PPB DATE DRAWN: 08/31/18 | |
| DS, UNLESS NOTED OTHERWISE. | ATC JOB NO: 12609055 | |
| CONTRACTOR SHALL GRIND OFF ES. AFTER WELD AND WELD ND WELDED SURFACES WITH ZRC TM A780 AND MANUFACTURERS | GENERAL NOT | ES |
| | SHEET NUMBER: | REVISION: |
| | G-002 | 0 |
| | | |

SITE PLAN NOTES:

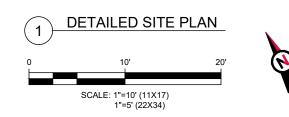
- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIEVALL EXISTING CONDITIONS. RELATED TO THE SCOPE OF WORK FOR THIS PROJECT
- ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR 2. REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE 3. ATC CONSTRUCTION MANAGER AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES. ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT
- 4 CONTRACTOR SHALL INSURE THAT ALL WORKING SPACE REQUIREMENTS ARE MET PER APPLICABLE CODES AND MANUFACTURER SPECIFICATIONS.
- 5. ABOVE GROUND CONDUITS NEED TO BE SUPPORTED/FASTENED PER NEC 344 AND PER ATC MASTER SPECIFICATIONS
- THE FOLLOWING SIGNS SHALL BE INSTALLED AT TENANT SERVICE MAIN 6. DISCONNECT PER NEC 702.7.
- 6.1. "CAUTION: TWO SOURCES OF SUPPLY STANDBY GENERATOR LOCATED OUTDOORS'
- "WARNING: SHOCK HAZARD EXISTS IF GROUNDING ELECTRODE 6.2. CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE IS ENERGIZED"

RODENT CONTROL AROUND GENERATOR ENVELOPE:

- INSTALL ALL PROVIDED SEALS, PLUGS, COVERS, ETC. IN GENERATOR AND 1. FUEL TANK ENVELOPE. SEAL ALL REMAINING OPENINGS (EXCEPT NORMAL VENTING) WITH RODENT FOAM SEALANT. NO OPENING SHALL BE LARGER THAN 1/4 INCH ANY DIMENSION.
- SEAL ALL CONDUITS INCLUDING CONDUITS ENTERING GENERATOR 2. EQUIPMENT, BOXES, ATTACHMENTS, ETC. WITH RODENT FOAM SEALANT.
- 3. SEAL ALL CONDUIT ACCESS OPENINGS THROUGH CONCRETE PAD WITH CONCRETE
- 4. SLOPE GRAVEL BASE AT CONCRETE PAD PERIMETER FROM ABOVE PAD BASE TO EXISTING GRADE LEVEL TYPICAL ALL PERIMETER SIDES.

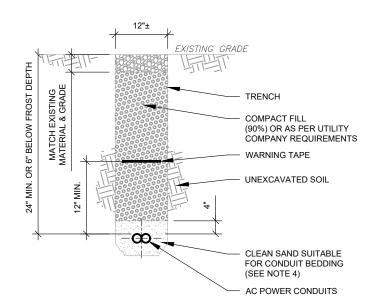








EXISTING HAND HOLE



TRENCH NOTES:

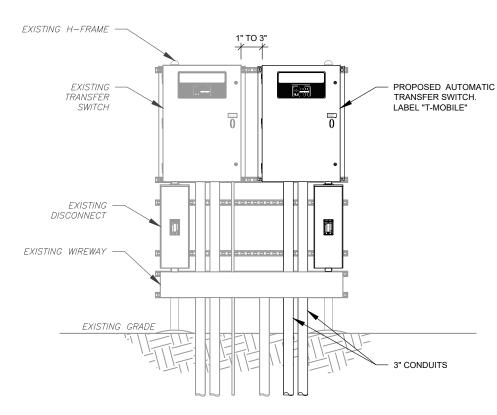
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- IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED 1. MATERIAL MAY BE USED FOR BACKFILL. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL.
- COMPACT IN 8" LIFTS USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING. SEE ATC MASTER 2. SPEC 312000 SECTION 3.15.
- IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL 3. HAND DIG U/G TRENCHING.
- 4. CONFIRM SPACING AND DEPTH WITH NEC OR LOCAL CODE REQUIREMENTS

AC POWER CONDUIT TRENCH

SCALE: N.T.S.

6



H-FRAME NOTES:

- IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST SHALL BE REQUIRED. PROPOSED UNISTRUTS TO BE FIELD CUT AND SHALL NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST.
- 2. SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT, ALLOW TO DRY, THEN COVER WITH RUBBER 3. PROTECTIVE CAPS FOR SAFETY.
- UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES. 4.
- ALL PROPOSED HARDWARE TO BE MOUNTED AND GROUNDED PER MANUFACTURERS SPECS 5.
- 6. ALL ITEMS ARE PROPOSED UNLESS OTHERWISE NOTED.
- LAYOUT H-FRAME & PROPOSED EQUIPMENT EXACTLY AS SHOWN TO ALLOW FOR FUTURE EQUIPMENT. ANY DEVIATIONS MUST BE APPROVED BY ATC CM, IN WRITING, NO EXCEPTIONS. FOOTINGS SHALL BE ONE OF THE FOLLOWING: USS POLECRETE STABILIZER SYSTEM, PRECAST CONCRETE (WHERE 7.
- 8. ALLOWED BY JURISDICTION) OR CAST IN PLACE. FOR PRECAST FOOTINGS, CONTRACTORS SHALL THOROUGHLY COMPACT THE PERIMETER (2' MIN) OF FOOTING WITH MECHANICAL PLATE TAMPER.

| 2 H-FRAME |
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SCALE: N.T.S.

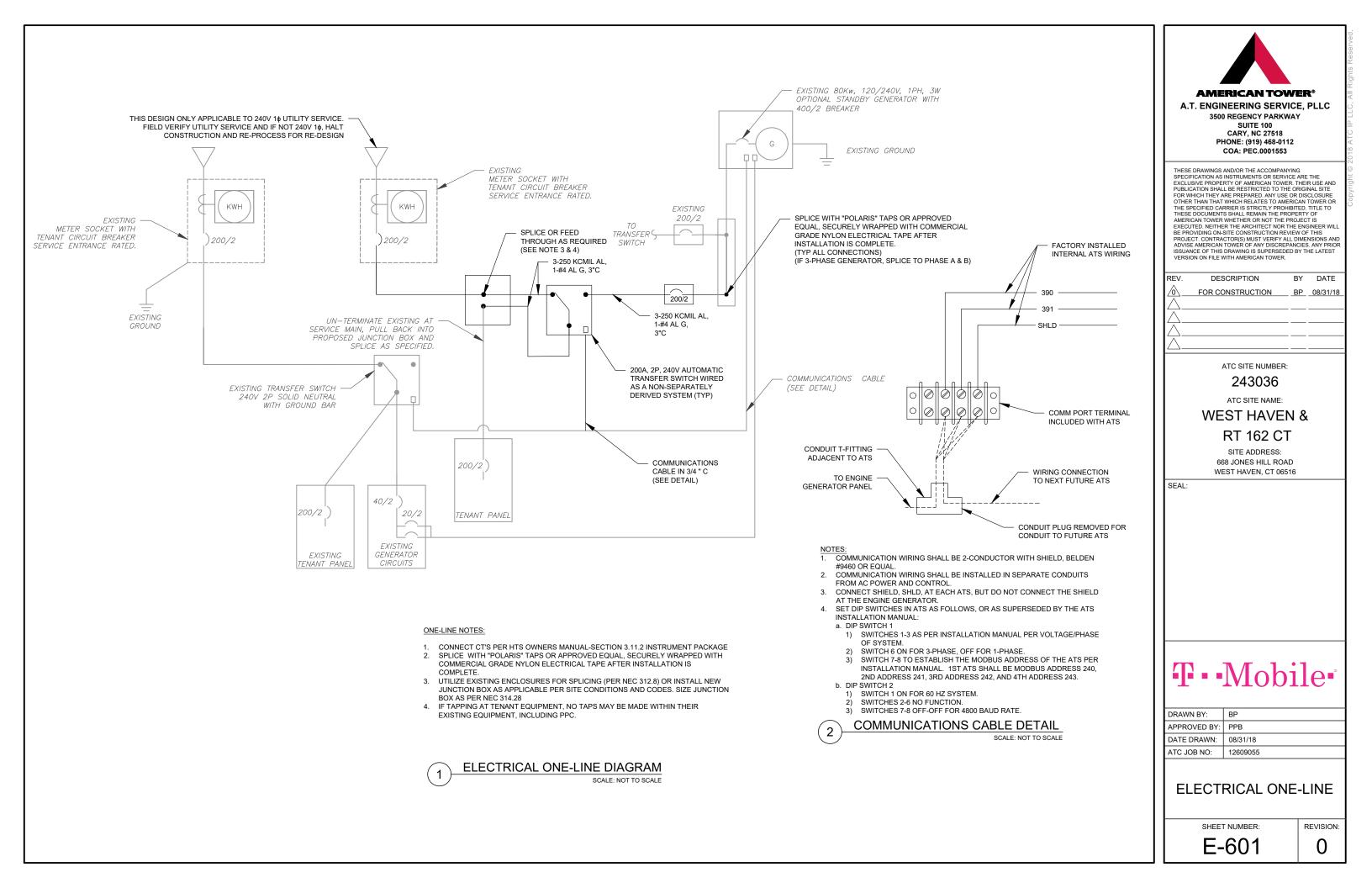


| AMERICAN TOW A.T. ENGINEERING SERVIC 3500 REGENCY PARKWA SUITE 100 CARY, NC 27518 PHONE: (919) 468-0112 COA: PEC.0001553 | E, PLLC |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| THESE DRAWINGS AND/OR THE ACCOMPANYIN SPECIFICATION AS INSTRUMENTS OR SERVICE EXCLUSIVE PROPERTY OF AMERICAN TOWER. PUBLICATION SHALL BE RESTRICTED TO THE C FOR WHICH THEY ARE PREPARED. ANY USE OI OTHER THAN THAT WHICH RELATES TO AMERI. THE SPECIFIED CARRIER IS STRICTLY PROHIBI THESE DOCUMENTS SHALL REMAIN THE PROP AMERICAN TOWER WHETHER OR NOT THE PRI EXECUTED. NEITHER THE ARCHITECT NOR THE BE PROVIDING ON-SITE CONSTRUCTION REVIE PROJECT. CONTRACTOR(S) MUST VERIFY ALL ADVISE AMERICAN TOWER OF ANY DISCREPAT ISSUANCE OF THIS DRAWING IS SUPERSEDED VERSION ON FILE WITH AMERICAN TOWER. | : ARE THE THEIR USE AND SRIGINAL SITE R DISCLOSURE CAN TOWER OR TED. TITLE TO ERTY OF DJECT IS E ENGINEER WILL W OF THIS DIMENSIONS AND VCIES. ANY PRIOR |
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| ATC SITE NAME: | |
| WEST HAVEN | & |
| RT 162 CT | |
| SITE ADDRESS: | |
| 668 JONES HILL ROAD | |
| WEST HAVEN, CT 06516 |) |
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| DRAWN BY: BP | |
| APPROVED BY: PPB DATE DRAWN: 08/31/18 | |
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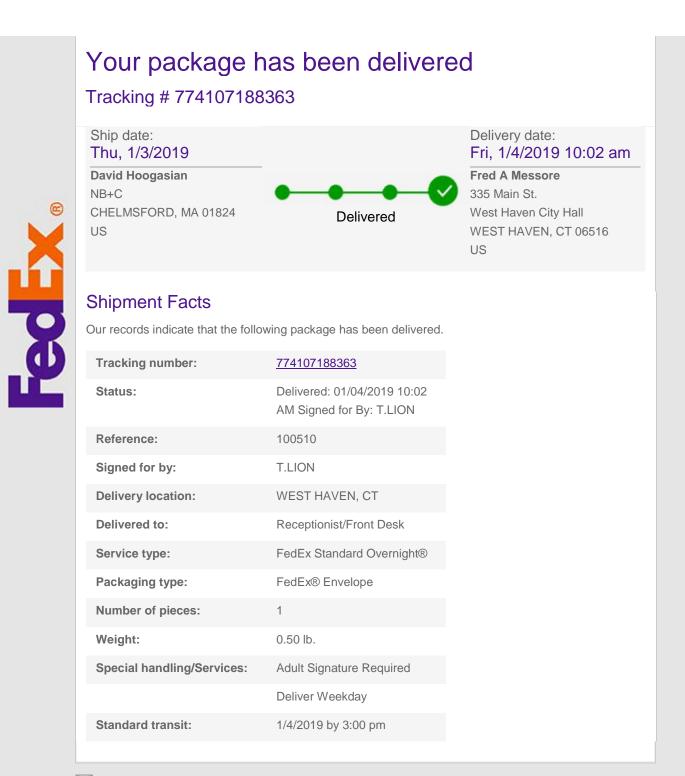
G AND ETAILS



From: Sent: To: Subject: TrackingUpdates@fedex.com Friday, January 4, 2019 10:41 AM Kailey Blanchette FedEx Shipment 774107209160 Delivered

Your package has been delivered Tracking # 774107209160 Ship date: Delivery date: Thu, 1/3/2019 Fri, 1/4/2019 10:37 am **David Hoogasian Robert E. Newkirk** NB+C 668 Jones Hill Rd Delivered CHELMSFORD, MA 01824 WEST HAVEN, CT 06516 US US **Shipment Facts** Our records indicate that the following package has been delivered. Tracking number: 774107209160 Status: Delivered: 01/04/2019 10:37 AM Signed for By: **B.NEWKIRK Reference:** 100510 Signed for by: **B.NEWKIRK Delivery location:** WEST HAVEN, CT **Delivered to:** Residence FedEx Standard Overnight® Service type: FedEx® Envelope Packaging type: Number of pieces: 1 Weight: 0.50 lb. Special handling/Services: Adult Signature Required **Deliver Weekday Residential Delivery** Standard transit: 1/4/2019 by 3:00 pm

From: Sent: To: Subject: TrackingUpdates@fedex.com Friday, January 4, 2019 10:08 AM Kailey Blanchette FedEx Shipment 774107188363 Delivered



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From: Sent: To: Subject: TrackingUpdates@fedex.com Friday, January 4, 2019 10:08 AM Kailey Blanchette FedEx Shipment 774107108208 Delivered

Your package has been delivered Tracking # 774107108208 Ship date: Delivery date: Fri, 1/4/2019 10:02 am Thu, 1/3/2019 **David Hoogasian** Mayor Nancy Rossi NB+C 335 Main St CHELMSFORD, MA 01824 West Haven City Hall Delivered **B** US WEST HAVEN, CT 06516 US **Shipment Facts** Our records indicate that the following package has been delivered. Tracking number: 774107108208 Status: Delivered: 01/04/2019 10:02 AM Signed for By: T.LION **Reference:** 100510 Signed for by: **T.LION Delivery location:** WEST HAVEN, CT **Delivered to:** Receptionist/Front Desk FedEx Standard Overnight® Service type: Packaging type: FedEx® Envelope Number of pieces: 1 Weight: 0.50 lb. Special handling/Services: Adult Signature Required Deliver Weekday Standard transit: 1/4/2019 by 3:00 pm

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From: Sent: To: Subject: TrackingUpdates@fedex.com Friday, January 4, 2019 11:28 AM Kailey Blanchette FedEx Shipment 774105692908 Delivered

Your package has been delivered Tracking # 774105692908 Ship date: Delivery date: Fri, 1/4/2019 11:16 am Thu, 1/3/2019 **David Hoogasian** American Tower Corporation American Tower Corporation NB+C CHELMSFORD, MA 01824 10 Presidential Way Delivered **B** US WOBURN, MA 01801 US **Shipment Facts** Our records indicate that the following package has been delivered. Tracking number: 774105692908 Status: Delivered: 01/04/2019 11:16 AM Signed for By: D.ANACI **Reference:** 100510 Signed for by: D.ANACI **Delivery location:** WOBURN, MA **Delivered to:** Receptionist/Front Desk FedEx Standard Overnight® Service type: Packaging type: FedEx® Envelope Number of pieces: 1 Weight: 0.50 lb. Special handling/Services: Adult Signature Required Deliver Weekday Standard transit: 1/4/2019 by 3:00 pm

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