STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:
APPLICATION OF HOMELAND TOWERS, LLC
(HOMELAND) AND NEW CINGULAR WIRELESS PCS, LLC (AT&T) FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE
AND OPERATION OF A TELECOMMUNICATIONS TOWER FACILITY IN SALISBURY, CONNECTICUT

DOCKET NO. 452

November 19, 2014

SUPPLEMENTAL SUBMISSION

The following supplemental information is submitted on behalf of the Applicants, Homeland Towers (“HT”) and New Cingular Wireless PCS, LLC (“AT&T”):

Updated Drawings, Site Evaluation Report, Site Impact Statement and Tree Inventory

Due to the identification of a culturally sensitive area proximate to the proposed site location, additional field investigations were undertaken resulting in a shift of the compound and tower approximately 107’ to the southwest. Attached are drawings, a site evaluation report, a site impact statement and a tree inventory detailing the relocated Facility. The re-location of the compound and tower provides adequate separation distance from the culturally sensitive area which would be isolated, left in situ and physically protected during construction activities.
CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight mail to the Connecticut Siting Council and to:

Town of Salisbury
Curtis Rand, First Selectman
Jim Dresser, Selectman
Katherine Kiefer, Selectman
P.O. Box 548
Salisbury, CT 06068
860-435-5170
crand@salisburyct.us
jdresser@salisburyct.us
kkiefer@salisburyct.us

Dated: November 19, 2014

[Signature]
Lucia Chiocchio

cc: Ray Vergati, Homeland Towers
Michele Briggs, AT&T
Christopher B. Fisher, Esq.
HOMELAND TOWERS
22 SHELTER ROCK LANE
BUILDING C
DANBURY, CT 06810
(203) 297-6345

DRAWING INDEX
T-1 TITLE SHEET & INDEX
A-1 ABUTTERS MAP
EX-1 EXISTING CONDITIONS SURVEY
SP-1 SITE PLAN
SP-2 COMPOUND PLAN & TOWER ELEVATION
SP-3 SEDIMENTATION & EROSION CONTROL DETAILS

SITE INFORMATION
SALISBURY
250 CANAAN ROAD
SALISBURY, CT 06068

SCALE: 1" = 2000'±
EXECUTIVE SUMMARY

The proposed facility involves the construction of a compound and accompanying access road on a site located at 22 Shelter Rock Lane, Danbury, CT 06810. The compound area will be developed for residential or commercial use, with proposed uses including storage and maintenance areas. The project includes the following key elements:

- **Proposed Compound Area:**
  - Slopes:
    - Existing: 7%
    - Proposed: 3%

- **Total Area of Disturbance:** 16,700± SF

- **Stormwater Quality:**
  - Impervious Cover Added: 4,090 SF
  - 1" of Rain on New Impervious: 340 CF
  - Compound Stone Storage Volume: 655 CF
  - French Mattress Stone Storage Volume: 333 CF

- **Ground Cover to Be Established:**
  - White Clover @ 0.20#//- SF
  - Tall Fescue @ 0.45#//- SF
  - Rye Grass @ 0.10#//- SF

- **Underground Utilities:**
  - Proposed underground electrical & telco services from proposed silo placed along side of the existing electrical service (approx. 500±) and telco demarc at existing maintenance garage (approx. 1,400±) to proposed compound area.

- **Proposed 25' Access & Utility Easement (typ):**
  - Proposed 70’x80’ (5,625± SF) fenced compound area with proposed 150’± AGL monopine.
  - Proposed 12’ wide gravel access driveway along existing logging road (typ) (approx. 510±).

- **Proposed 36”Ø Silo & High Voltage Switch:**
  - Placed along side of the existing electrical service.

- **Silt Fences & Check Dams:**
  - Proposed silt fence with integral check dam (typ).
  - Proposed protective snow fence (typ).
  - Proposed silt fence (typ).
  - Proposed French Mattress (typ).
  - Proposed construction entrance (typ).
  - Proposed silo fill (typ).
  - Proposed haybale check dams.

- **Existing Field Delimited Wetlands:**
  - Remove existing tree (typ 11PL).

- **Existing Field:**
  - Delineated Wetlands (typ).
  - 211’± from compound to wetlands.
  - 113’± from compound to wetlands.

- **Additional Features:**
  - Proposed protective snow fence (typ).
  - Archeological Test Pit

- **Dimensions:**
  - SALISBURY
    - 250 CANAAN ROAD
    - SALISBURY, CT 06068
  - PERMITTING DOCUMENTS
  - REV.0: 05/02/14: FOR REVIEW: SMC
  - REV.1: 11/07/14: RELOCATED COMPOUND: SMC
  - REV.2: 11/14/14: REVISED LEASE AREA: SMC
  - REV.3:
  - REV.4:
  - REV.5:

- **Scale:** 1" = 25’-0"
PROPOSED AT&T ANTENNAS CENTERLINE @ 146'± AGL

FUTURE ANTENNAS CENTERLINE @ 136'± AGL

10'

FUTURE ANTENNAS CENTERLINE @ 126'± AGL

FUTURE ANTENNAS CENTERLINE @ 116'± AGL

10'

FUTURE ANTENNAS CENTERLINE @ 106'± AGL

FUTURE ANTENNAS CENTERLINE @ 96'± AGL

10'

UG

T/ PROPOSED MONOPINE @ 150'± AGL

UG

SOUTHWESTERN ELEVATION

SCALE : 1/8" = 1'-0"

GRAPHIC SCALE

GRAPHIC SCALE

SOUTHWESTERN ELEVATION

SCALE : 1" = 10'-0"

PROPOSED (12) AT&T PANEL ANTENNA W/ (21) RRH's, (6) A2 MODULES & (4) SQUID BOXES ON (2) SABRE T-ARM PLATFORMS

FUTURE CARRIER ANTENNAS (TYP)

PROPOSED 150'± AGL MONOPINE

AVERAGE TREE CANOPY @ 85'± AGL

PROPOSED 70' x 80' (5,625± SF) LEASE AREA & 60' x 70' (4,200± SF) CHAIN LINK FENCED COMPOUND AREA

PROPOSED 11'-5" x 16'-0" EQUIPMENT SHELTER W/ (3) GPS UNITS, & DIESEL-POWERED GENERATOR ON 11'-5" x 24'-0" CONCRETE PAD

FUTURE EQUIPMENT SHELTER (12' x 20')

PROPOSED 70' x 80' (5,625± SF) LEASE AREA (TYP)

PROPOSED 60' x 70' (4,200± SF) FENCED COMPOUND AREA (TYP)

PROPOSED AT&T CABLE BRIDGE FROM SHELTER TO TOWER ENTRY PORT

PROPOSED UNDERGROUND ELECTRICAL & TELCO SERVICE FROM PROPOSED SILO PLACED ALONG SIDE OF THE EXISTING ELECTRICAL SERVICE (APPROX. 500'±) AND TELCO DEMARC @ EXISTING MAINTENANCE GARAGE (APPROX. 1,400'±) TO PROPOSED COMPOUND AREA

PROPOSED CSC CABINET & STEPDOWN TRANSFORMER (BEHIND)

PROPOSED UNDERGROUND ELECTRICAL & TELCO SERVICE FROM PROPOSED SILO PLACED ALONG SIDE OF THE EXISTING ELECTRICAL SERVICE (APPROX. 500'±) AND TELCO DEMARC @ EXISTING MAINTENANCE GARAGE (APPROX. 1,400'±) TO PROPOSED COMPOUND AREA

ARCHAEOLOGICAL TEST PIT

3

SP-2

COMPOUND PLAN

& TOWER ELEVATION

SP-2

SOUTH WESTERN ELEVATION

SCALE : 1/8" = 1'-0"

GRAPHIC SCALE

GRAPHIC SCALE

SOUTH WESTERN ELEVATION

SCALE : 1" = 10'-0"

PROPOSED GRAVEL SURFACE COMPOUND TREATMENT (TYP)

PROPOSED 12'-WIDE, 10'-HIGH CHAIN LINK FENCE (TYP)

PROPOSED 12'-WIDE GRAVEL ACCESS DRIVEWAY ALONG EXISTING LOGGING ROAD (TYP) (APPROX. 510'±)

PROPOSED 12'-WIDE, 10'-HIGH CHAIN LINK FENCE (TYP)

PROPOSED 11'-5" x 20'-HIGH CHAIN LINK GATE

PROPOSED 8'-HIGH CHAIN LINK FENCE (TYP)

PROPOSED 12'-WIDE, 10'-HIGH CHAIN LINK FENCE (TYP)
SILT FENCE CHECK DAM
SEDIMENTATION CONTROL BARRIER

1. SET POSTS AND ERECT A BAMP FENCE SET POSTS DOWNSLOPE.
2. ATTACH THE FILTER FABRIC TO THE POSTS AND EXTEND IT TO THE TRENCH.
3. BACKFILL THE TRENCH AND COMPACT EXCAVATED SOIL.

ELEVATION POINTS "A" SHOULD BE HIGHER THAN POINT "B".

HAYBALE CHECK DAM
SEDIMENTATION CONTROL BARRIER

1. SET POSTS AND ERECT A BAMP FENCE SET POSTS DOWNSLOPE.
2. ATTACH THE FILTER FABRIC TO THE POSTS AND EXTEND IT TO THE TRENCH.
3. BACKFILL THE TRENCH AND COMPACT EXCAVATED SOIL.

ELEVATION POINTS "A" SHOULD BE HIGHER THAN POINT "B".

CONSTRUCTION SEQUENCING NOTE: DURING CONSTRUCTION, FROM CLEARING AND GRUBBING THROUGH INSTALLING ALL GRAVEL SURFACES AND STABILIZATION OF ALL SOILS, INSTALL ANTI-TRACTION PAD AS SHOWN ON DETAIL 2/SP-3. ONCE STABILIZATION OF ALL UP GRADIENT WORK IS APPROVED BY THE ENGINEER INSTALL THE FRENCH MATTRESS AND REMOVE ALL EROSION AND SEDIMENTATION CONTROL DEVICES.

NOTE TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES TOWARD THE TOE OF THE EMBANKMENT.
I. LOCATION

A. COORDINATES: 42° 00' 22.403" N
    73° 23' 29.217" W

B. GROUND ELEVATION: 893.1± AMSL

C. USGS MAP: USGS 7.5 quadrangle for Bish Bash Falls, Sharon, Ashley Falls, & South Canaan

D. SITE ADDRESS: 250 Canaan Road
    Salisbury, CT 06068

E. ZONING WITHIN ¼ MILE OF SITE: Abutting areas are zoned Rural Residence 1 (RR-1) to the north, east, and west. Rural Residence 1 (RR-1) and Rural Residence 3 (RR-3) zones are located to the south. A Protected Land Zone abuts the subject site to the west.

II. DESCRIPTION

A. SITE SIZE: 169.3 Ac (Vol 52, Page 197)

    LEASE AREA/COMPOUND AREA: 4800 SF/4200 SF

B. TOWER TYPE/HEIGHT: A 150’ Monopine with top of structure at 157’ AGL.

C. SITE TOPOGRAPHY AND SURFACE: Subject site slopes northeast to southwest and is located within a parcel owned by a private school. Athletic fields occupy lands to the south and west and wooded areas comprise land to the north and east.

D. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The proposed compound is located in the center (wooded area) of a 169.3 acre parcel which is currently occupied with athletic fields, associated maintenance structures, and campus “houses”. To the north and east are undisturbed wooded areas. To the south and west are undisturbed wooded areas and existing athletic fields. There are wetlands on-site to the north (211’±) and south (113’±) of
the proposed facility.

E. **LAND USE WITHIN ¼ MILE OF SITE:** Undisturbed wooded area and residential land to the east and west. Undisturbed wooded area and Washinee Lake to the north. The Salisbury School to the south.

### III. FACILITIES

A. **POWER COMPANY:** Northeast Utilities Service Company

B. **POWER PROXIMITY TO SITE:** 500’±

C. **TELEPHONE COMPANY:** AT&T

D. **PHONE SERVICE PROXIMITY:** 1,400’±

E. **VEHICLE ACCESS TO SITE:** Access to the proposed telecommunication facility will be along an upgraded gravel access driveway and extension (510’+/-).

F. **OBSTRUCTION:** There are existing wetlands located on site, north and south of the proposed facility and an isolated archaeological sensitive area to the NE of the proposed facility.

G. **CLEARING AND FILL REQUIRED:** Total area of disturbance is 16,700 sf.; 11 trees will need to be removed. The site improvements shall entail approximately 550 CY of cut for utility trenching in addition to 30 CY of fill and approximately 215 CY of crushed stone for the compound and driveway construction.

### IV. LEGAL

A. **PURCHASE [ ] LEASE [X]**

B. **OWNER:** SALISBURY SCHOOL INC.

C. **ADDRESS:** Route 44 East Salisbury, CT 06068

D. **DEED ON FILE AT:** Volume 52, Page 197
Site: Salisbury  
Site Address: 250 Canaan Road  
Salisbury, CT 06068

Access distances:
Distance of upgraded gravel access driveway & extension: 510 feet

Distance to Nearest Wetlands
113°+- south of the proposed facility

Distance to Property Lines:
2,601°+- to the northern property boundary from the tower
1,869°+- to the southern property boundary from the tower
905°+- to the western property boundary from the tower
756°+- to the eastern property boundary from the tower

2,556°+- to the northern property boundary from the compound
1,824°+- to the southern property boundary from the compound
862°+- to the western property boundary from the compound
710°+- to the eastern property boundary from the compound

Residence Information:
There are no single family residences within 1,000 feet of the compound. The closest on site occupiable building is the “Trustee House” (1,450°+-). The closest off site residence is located at 284 Canaan Road (Map 16, Lot 6) (2,180°+-).

Special Building Information:
There are existing wetlands located on site, north and south of the proposed facility and an isolated archaeological sensitive area to the NE of the proposed facility.

Tree Removal Count:
Eleven trees will need to be removed to construct the equipment areas.

<table>
<thead>
<tr>
<th>Diameter Range</th>
<th>Number of Trees</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” - 10” dbh</td>
<td>0 trees</td>
</tr>
<tr>
<td>10” – 14” dbh</td>
<td>0 trees</td>
</tr>
<tr>
<td>14” or greater dbh</td>
<td>11 trees</td>
</tr>
</tbody>
</table>

Cut/Fill: The site improvements shall entail approximately 550 CY of cut for utility trenching, approximately 30 CY of fill and approximately 215 CY of crushed stone for the compound and driveway construction.

Clearing/Grading Necessary: Total area of disturbance = 16,700 SF
November 7, 2014

Cuddy & Feder, LLP  
Attn: Christopher Fisher, Esq.  
445 Hamilton Avenue  
14th Floor  
White Plains, NY 10601

RE: Tree Inventory  
Site: CT114 Salisbury  
250 Canaan Road  
Salisbury, CT 06068

Dear Mr. Fisher:

A Tree Inventory was completed at the subject site on February 27, 2014 and April 22, 2014 to determine the size and quantity of existing trees that will need to be removed for the installation of the proposed facility. The proposed site has suitable access, but clearing and earthwork will be required to improve the access route and to construct the compound area. Installation of the proposed compound area improvements will require the removal of 11 trees.

- **6” – 10” dbh** - 0 trees
- **10” – 14” dbh** - 0 trees
- **14” or greater dbh** - 11 trees

The area to be disturbed for construction of the compound area will be approximately 4,800 square feet of existing brush/wooded area. The area to be cleared is located on the interior of the overall parcel. An existing onsite logging road will require upgrade and extension to connect to the proposed compound. The total combined area of disturbance for compound, access drive, and utility improvements is 16,700 sf.

Sincerely,

ALL-POINTS TECHNOLOGY CORPORATION, P.C.

Scott M. Chasse, P.E.  
Principal
SITE SPECIFIC EVALUATION
FOR
Client Site Name: Salisbury
Client Site Number: CT114
Client Site Location: Salisbury, CT.

Client/Requestor Name: Eileen Tavolacci Date: 11/19/14
Company Name: Homeland Towers
Address: 22 Shelter Rock Lane
Address: Danbury Ct. 06810

This is an evaluation based on application of surfaces identified in Federal Aviation Regulation (FAR) Part 77 and Federal Communication Commission (FCC) Rules Part 17.

EXECUTIVE SUMMARY OF FINDINGS

• The maximum height that can be built at this site without notice to the FAA is 200 feet AGL or 1094 feet AMSL.

• Maximum No Extended Study height at this site is 499 AGL, or 1393 AMSL.

• Maximum No Hazard height at this site is 499 AGL, or 1393 AMSL.

• Maximum no marking and lighting height at this site is 200 AGL, or 1094 AMSL.

SITE DATA SUBMITTED FOR STUDY

Type of Structure: Antenna
Coordinates of site: Lat: 42° 0’ 22.4”
                      Long: 73° 23’ 29.21”
                      Datum: NAD 83
Site Ground Elevation: 894
Total Height above the ground of the entire structure (AGL): 157
Overall height of structure above mean sea level (AMSL): 1051

Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.
AIRPORT AND HELIPAD INFORMATION

Nearest public use or Government Use (DOD) facility is Walter J Kolandza.

This structure would be located 10.6 NM or 64923 FT from the airport on a bearing of 357 degrees true to the airport.

Nearest private use facility is North Canaan Aviation.

This structure would be located 3.3 NM from the airport on a bearing of 45 degrees true to the airport.

FINDINGS

AM Facilities:
(The FCC protects AM transmission stations from possible electro magnetic interference for a distance of 3.0 km for directional facilities, and 1.0 km for non-directional facilities. Any antenna structures within these distances will most likely require a detuning evaluation of the site) (Sitesafe offers a full range of detuning services)

For a free analysis of this site against the most current FCC data, go to our AM evaluation web site at http://sitesafe.com. A negative certificate can be generated, (on-line) if no conflict is found. If a conflict is found, our AM Detune department will contact you to review the findings.

This site was evaluated against the FCC’s AM database, and is not within an AM transmission area.

FCC Notice Requirements:
(FCC Rules, Part 17)

This structure does not require notification to the FAA or FCC based on these rules.

FAA EMI:
(The FAA protects certain air navigational aids and radio transmitters from possible electro-magnetic interference. The distance and direction are dependent on the type of facility be evaluated. Most of these transmission and receiver facilities are listed in the National Flight Data Center (NFDC) database.)

This site would not affect any FAA air navigational aids or transmitters listed in the NFDC database.

Military Airspace:

This structure will not affect this airspace.

Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.
FAA Evaluation:

FAR Part 77 paragraph 9 (FAR 77.9). Construction or Alteration requiring notice:
(These are the imaginary surfaces that the FAA has implemented to provide general criteria for notification purposes only.)

This structure does not require notification to the FAA.

FAR Part 77 paragraph 17 (FAR 77.17). Standards for Determining Obstructions:
(These are the imaginary surfaces that the FAA has implemented to protect aircraft safety. If any of these surfaces are penetrated, the structure may pose a Hazard to Air Navigation.)

This structure does not exceed these surfaces.

**MARKING AND LIGHTING**

*FAA Advisory Circular 70/7460-1*

Marking and lighting is not required for this structure.

**RECOMMENDATIONS OR ACTIONS**

Sitesafe does not consider this site to be a hazard to air navigation as specified in FAR part 77.

*Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*