



NLEB Streamlined Consultation

via FedEx

March 22, 2017

APT Project No.: CT283190

**U.S. Fish and Wildlife Service
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087**

Attn: Thomas R. Chapman

**Re: Proposed Homeland Wireless
Easton CT Facility
150' Tall Monopine Tower
515 Morehouse Road
Easton, Fairfield County, CT
Lat: 41° 14' 08.10" N
Long: 71° 17' 07.34" W**

Dear Mr. Chapman,

On behalf of Homeland Towers, All-Points Technology Corporation, P.C. ("APT") performed an evaluation with respect to possible federally-listed, threatened or endangered species in order to determine if the proposed referenced communications facility would result in a potential adverse effect to federally-listed species. This consultation was completed in accordance with FCC rules implementing the National Environmental Policy Act ("NEPA") and Section 7 of the Endangered Species Act through the U.S. Fish and Wildlife Service's ("USFWS") Information, Planning, and Conservation System ("IPaC")¹ for a proposed telecommunications facility at the referenced Site. Refer to the enclosed Overview Map and Detailed Site Map provided in Attachment 1 and Site Plans provided in Attachment 2 for information regarding the location of the facility and subject property and details regarding the proposed project.

Northern Long-eared Bat

One federally-listed² threatened species is known to occur in the vicinity of the subject property documented as the northern long-eared bat ("NLEB"; *Myotis septentrionalis*). Northern long-eared bat's range encompasses the entire State of Connecticut. A copy of the IPaC report is provided in Attachment 3.

NLEB As a result of this preliminary finding, APT performed an evaluation to determine if the proposed referenced communications facility would result in a likely adverse effect to NLEB. This consultation framework allows federal agencies to rely upon the USFWS January 5, 2016, intra-Service Programmatic Biological Opinion ("BO") on the Final 4(d) Rule for the NLEB for section 7(a)(2) compliance by: (1) notifying the USFWS that an action agency will use the streamlined framework; (2) describing the project with sufficient detail to support the required determination; and (3) enabling the USFWS to track effects and determine if reinitiation of consultation is required per 50 CFR 402.16.

¹ IPaC Consultation Tracking Number: 05E1NE00-2017-SLI-0929, dated February 27, 2017

² Listing under the federal Endangered Species Act

The proposed communications facility is located primarily within a forested area and would result in approximately 0.3-acre of forest removal. However, the project is not located near known NLEB hibernacula or maternity roost trees. Consultation with the Connecticut Department of Energy & Environmental Protection ("CTDEEP") Wildlife Division Natural Diversity Data Base revealed that the proposed facility is not within 150 feet of a known occupied maternity roost tree and is not within 0.25 mile of a known NLEB hibernaculum. The nearest NLEB habitat resource to the proposed activity is located in Greenwich ±19.8 miles to the southwest. Please refer to CTDEEP March 14, 2016 correspondence and the *Northern long-eared bat areas of concern in Connecticut to assist with Federal Endangered Species Act Compliance* map (February 1, 2016) provided in Attachment 4. This map reveals that there are currently no known NLEB maternity roost trees in Connecticut. Therefore, the proposed project is not likely to adversely affect NLEB. Please find enclosed the completed USFWS's Northern Long Eared Bat 4(d) Rule Streamlined Consultation Form provided in Attachment 5.

Homeland Towers understands that if the USFWS does not respond within 30 days from submittal of this form, we may presume that USFWS determination is informed by the best available information and that Homeland Tower's project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO.

Please feel free to contact me with any questions or requests for additional information by phone at (860) 663-1697 ext. 201 or via email at dgustafson@allpointstech.com.

Sincerely,

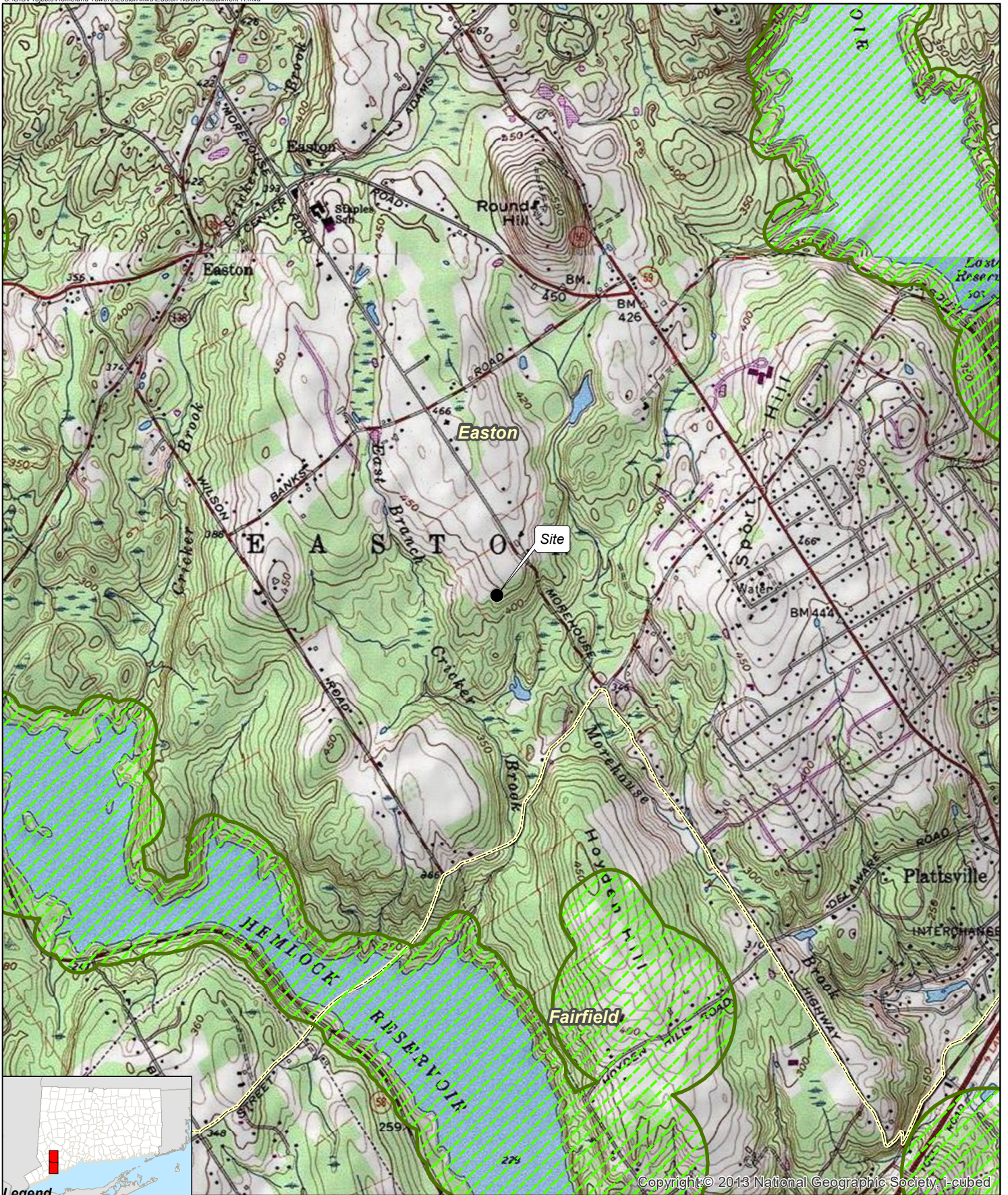
A handwritten signature in blue ink that reads "Dean Gustafson". The signature is written in a cursive, flowing style.

Dean Gustafson
Senior Environmental Scientist

Enclosures
(provided in compact disc)




Attachment 1

- Overview Map
- Detailed Site Map

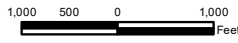


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Legend

- Site
-  Natural Diversity Database (updated Dec. 2014)
-  Natural Diversity Database (updated June 2016)
-  Municipal Boundary

Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic
 Quadrangle Maps, Botsford (1984) and Westport (1971), CT
 Site is located on the Westport Quadrangle
 Map Scale: 1:24,000
 Map Date: November 2016









**Attachment A:
Overview Map**

Proposed Wireless
 Telecommunications Facility
 Easton CT
 515 Morehouse Road
 Easton, Connecticut

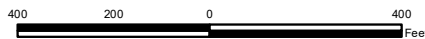




Legend

-  Natural Diversity Database (updated June 2016; none in mapped area)
-  Proposed Monopine Tower
-  Approximate Facility Layout
-  Proposed Access Along Existing Access Drive
-  Proposed Underground Utility Route
-  Approximate Host Property

Map Notes:
 Base Map Source: 2012 Aerial Photograph (CT ECO)
 Map Scale: 1 inch = 400 feet
 Map Date: November 2016



**Attachment B:
 Detailed Site Map**

Proposed Wireless
 Telecommunications Facility
 Easton CT
 515 Morehouse Road
 Easton, Connecticut



Attachment 2

Site Plans

LOCATION MAP



SCALE: 1" = 1/4 MI
SOURCE: GOOGLE MAPS

SITE

USGS TOPOGRAPHIC MAP



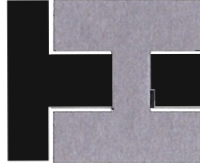
SCALE: 1" = 1/4 MI
SOURCE: USGS 7.5 QUADRANGLE FOR WESTPORT

SITE

Cellco Partnership d/b/a



99 EAST RIVER DRIVE
9TH FLOOR
EAST HARTFORD, CT 06108



HOMELAND TOWERS

9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
(203) 297-6345

PHONE: (860)-663-1697
FAX: (860)-663-0935
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419
WWW.ALLPOINTS TECH.COM

CONTACT PERSONNEL

APPLICANTS:
HOMELAND TOWERS
9 HARMONY STREET
2ND FLOOR
DANBURY, CONNECTICUT 06810

CO-APPLICANTS:
CELCO PARTNERSHIP DBA
VERIZON WIRELESS
99 EAST RIVER DRIVE - 9TH FLOOR
EAST HARTFORD, CT 06108

LANDLORD:
TOWN OF EASTON
225 CENTER ROAD
EASTON, CT 06812

HOMELAND PROJECT MANAGER:
MAXIMO PERAZITI
(203) 297-6345

HOMELAND PROJECT ATTORNEY:
BLOOMSBURG LAW FIRM
290 TRUMBULL STREET
HARTFORD, CT 06103

POWER PROVIDER:
UI (203) 486-3333
CARLTON SUTHERLAND

TEL CO PROVIDER:
FRONTIER (860) 321-3102

CALL BEFORE YOU DIG
(860) 922-4465

GOVERNING CODES:
STATE OF CONNECTICUT
NATIONAL ELECTRIC CODE, LATEST EDITION
EANTA 222G

SITE INFORMATION

EASTON
515 MOREHOUSE ROAD
EASTON, CT 06612

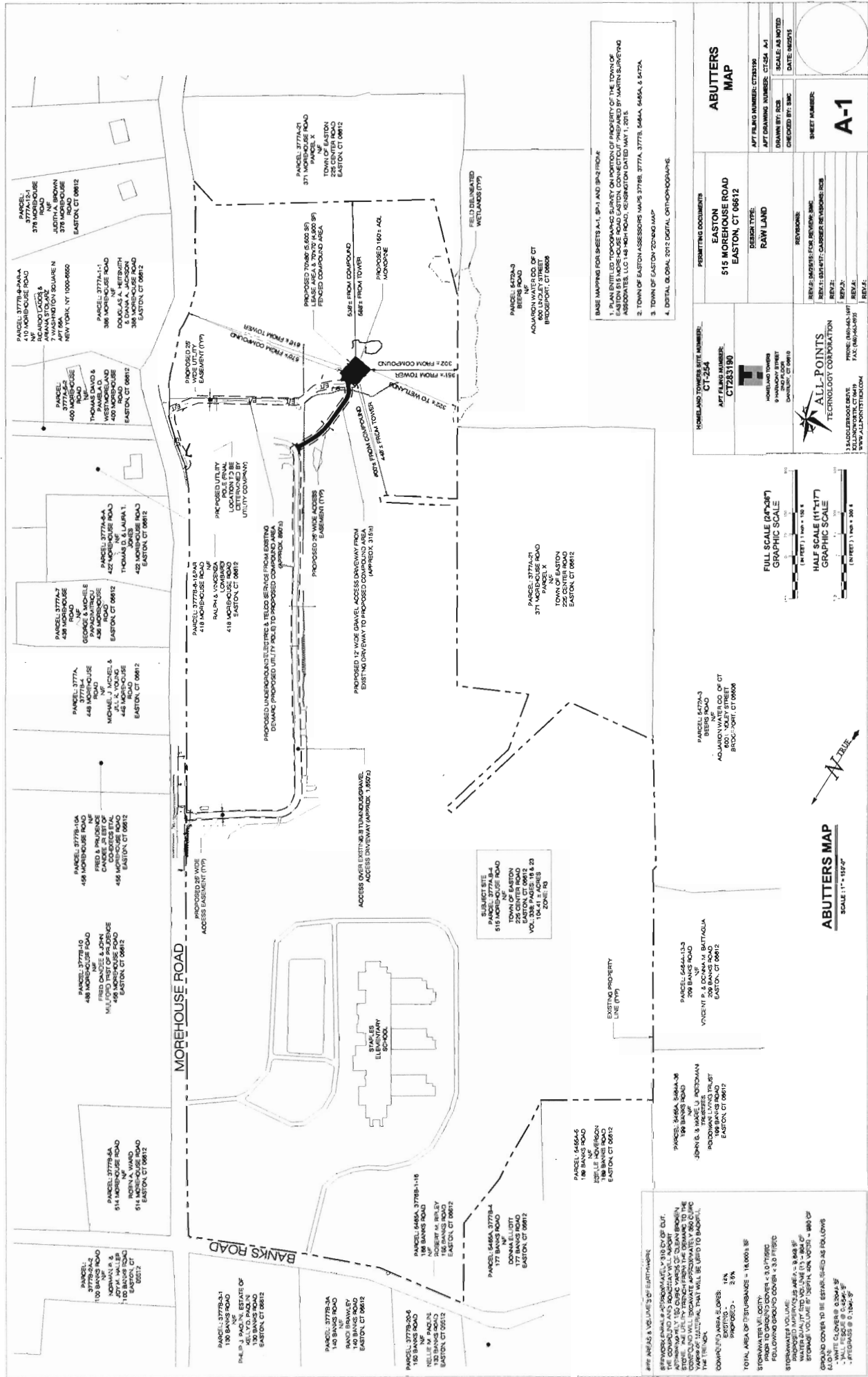
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EASTON 515 MOREHOUSE ROAD EASTON, CT 06612		RAW LAND	
DESIGN TYPE:	RAW LAND	APR FILING NUMBER:	CT06612
DESIGNER:	RAW LAND	APR DRAWING NUMBER:	CT06612 T1
REVISIONS:		DRAWN BY:	CTC
DATE:		SCALE:	AS SHOWN
PROJECT NUMBER:		DATE REVISIONS:	
PROJECT NAME:		SHEET NUMBER: T-1	

DRAWING INDEX

- T-1 TITLE SHEET & INDEX
- A-1 ABUTTERS MAP
- 1 OF 2 BOUNDARY COMPILATION
- 2 OF 2 TOPOGRAPHIC SURVEY
- SP-1 SITE PLAN
- SP-2 COMPOUND PLAN & TOWER ELEVATION
- SP-3 DRIVEWAY PROFILE, DETAILS & NOTES

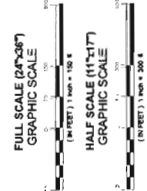
*SITE INFORMATION:
-SITE NAME: EASTON
-SITE ID NUMBER: CT-254
-SITE ADDRESS: 515 MOREHOUSE ROAD
EASTON, CT 06612
-MAP: 3777A-B
-LOTS: 4

-ZONE: R3
-LATITUDE: 41° 14' 08.10" N
-LONGITUDE: 73° 17' 07.34" W
-ELEVATION: 440± ANSL
-FEMA/FIRM DESIGNATION: PANEL F09001 C0406F - ZONE 2
106-4-F & 106-4-G
-ACREAGE: VOL. 338, PAGE 16 AND VOL. 338, PAGE 23



BASE MAPPING FOR SHEETS A-1, 3P-1 AND 3P-2 FROM:
 1. PLAN ENTITLED "TOPOGRAPHIC SURVEY ON PORTION OF PROPERTY OF THE TOWN OF EASTON 515 MOREHOUSE ROAD EASTON, CONNECTICUT" PREPARED BY MARTIN SURVEYING AND CONSULTING, INC. IN 1989 (P.L. 14-88-0040), REVISION DATED MAY 1, 2014.
 2. TOWN OF EASTON ASSESSORS MAPS 3776B, 3777A, 3777E, 5464A, 5465A, & 5472A.
 3. TOWN OF EASTON 2012 DIGITAL ORTHOPHOTOGRAMS.
 4. DETAIL GLOBAL 2012 DIGITAL ORTHOPHOTOGRAMS.

ABUTTERS MAP PERMITTING DOCUMENT EASTON 515 MOREHOUSE ROAD EASTON, CT 06812		APT FILING NUMBER: CT283190
HOME LAND TOWERS SITE NUMBER: CT254	APT FILING NUMBER: CT283190	DESIGN TYPE: RAW LAND
APT FILING NUMBER: CT283190		APT FILING NUMBER: CT28319 APT DRAWING NUMBER: CT-254, A-1 SCALE: AS NOTED DRAWN BY: JCB CHECKED BY: SMC DATE: 02/25/15
REVIEWER: REVIEW: SMC/STY FOR REVIEW: SMC NEXT: SMC/STY - CARRIER NETWORKS: JCB REV2: REV3: REV4:		SHEET NUMBER: A-1



ABUTTERS MAP
 SCALE: 1" = 150'-0"

APR. AREAS & VOL. LINE 5' OF EARTHWORK
 3P WORKSHEET AND PROPOSEDLY 3'0" BY CUT.
 APPROXIMATELY 150 CUBIC YARDS OF CLEAN BROKEN
 CONCRETE WALL EXCAVATE APPROXIMATELY 80 TO 100
 YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL
 THE TRENCH.
 COMPLETION AREAS: 2.74%
 PROPOSED: 2.74%
 TOTAL AREA OF DISTURBANCE = 18,000.00 SF
 STORMWATER TREATMENT: 3.0 FT TRENCH
 FOLLOWING GROUND COVER < 3.0 FT TRENCH
 STORAGE VOLUME: 100,000.00 GAL. (100,000.00 LBS)
 WATER QUALITY TREATMENT: 100,000.00 GAL. (100,000.00 LBS)
 STORAGE VOLUME: 100,000.00 GAL. (100,000.00 LBS)
 GROUND COVER TO BE ESTABLISHED AS FOLLOWS:
 1. 50% TYPICAL COVER @ 0.2544 SF
 2. 50% TYPICAL COVER @ 0.2544 SF
 * FITTINGS @ 0.1064 SF

SUBJECT SITE
 PARCEL 3777A-1
 515 MOREHOUSE ROAD
 TOWN OF EASTON
 EASTON, CT 06812
 VOL. 308 PAGES 18 & 23
 ZONE: R-1

PARCEL 5472A-3
 BIERS ROAD
 AQUARIUM WATER CO. OF CT
 BROCKHART, CT 06008

PARCEL 5464A-5
 188 BANKS ROAD
 158 LE MOYERSON
 EASTON, CT 06812

PARCEL 5464A-6
 188 BANKS ROAD
 158 LE MOYERSON
 EASTON, CT 06812

PARCEL 5464A-7
 188 BANKS ROAD
 158 LE MOYERSON
 EASTON, CT 06812

PARCEL 3777B-1
 140 BANKS ROAD
 RANDI BRAWLEY
 EASTON, CT 06812

PARCEL 3777B-2
 140 BANKS ROAD
 RANDI BRAWLEY
 EASTON, CT 06812

PARCEL 3777B-3
 140 BANKS ROAD
 RANDI BRAWLEY
 EASTON, CT 06812

PARCEL 3777B-4
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-5
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-6
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-7
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-8
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-9
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-10
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-11
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-12
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-13
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-14
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-15
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-16
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-17
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-18
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

PARCEL 3777B-19
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

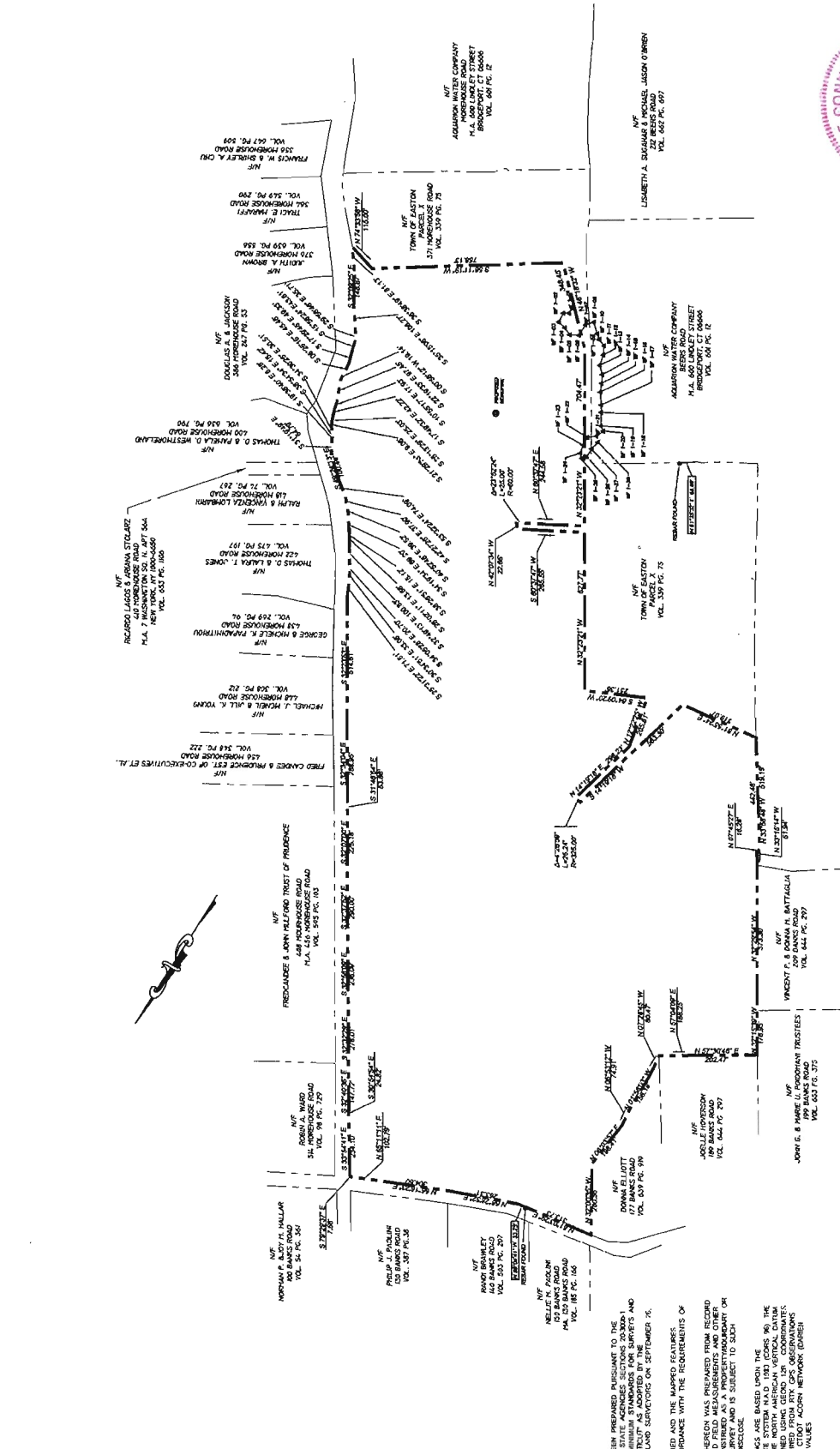
PARCEL 3777B-20
 177 BANKS ROAD
 DONNA ELLIOTT
 EASTON, CT 06812

TOPOGRAPHIC SURVEY
ON PORTION OF PROPERTY OF
THE TOWN OF EASTON
516 MOREHOUSE ROAD
EASTON CONNECTICUT

NORTH SURVEYING ASSOCIATES, LLC
144 MOREHOUSE ROAD, WASHINGTON, CT 06097
860-422-5728
NSA-SURVEY.COM



SCALE: 1"=400'
DATE: 6/19/03
PROJECT NO.: 13014
SHEET: 1 OF 2
DATE: 6/19/03
SCALE: 1"=400'



LEGEND

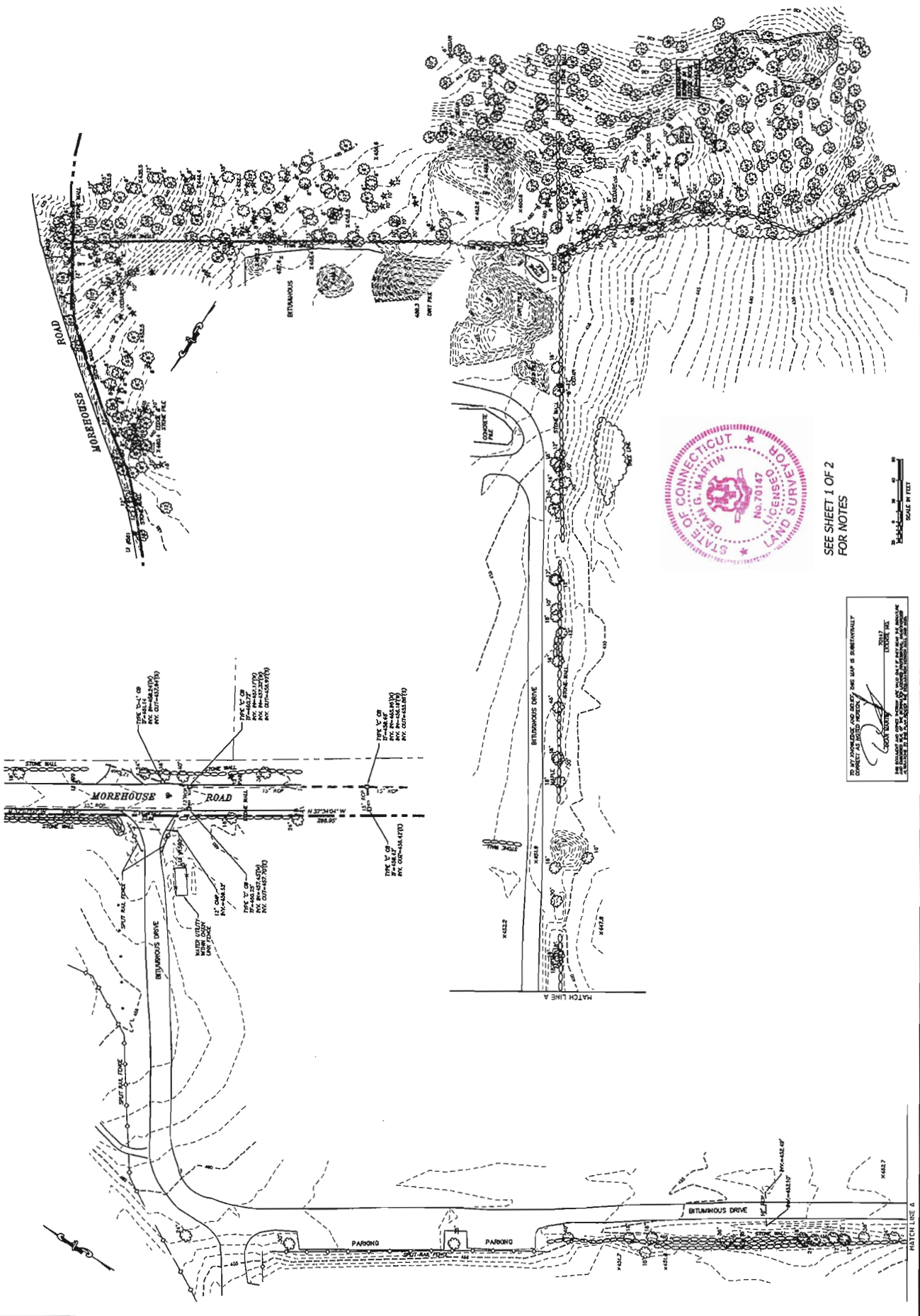
Symbol	Description
Circle with dot	Iron Pile (Found)
Circle with cross	Monument (Found)
Circle with 'S'	Stake
Circle with 'C'	Catch Basin
Circle with 'U'	'U'-1" Catch Basin
Circle with 'M'	Manhole
Circle with 'E'	Everygreen Trees
Circle with 'D'	Deciduous Trees
Circle with 'P'	Utility Pole
Circle with 'N'	Natural
Circle with 'R'	Road
Circle with 'L'	Light
Circle with 'F'	Fence
Circle with 'W'	Well
Circle with 'B'	Battery
Circle with 'A'	Anchor
Circle with 'M'	Material Wood Pile
Circle with 'S'	Survey Point

- MAP NOTES
- THIS MAP AND SURVEY WERE PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-200-1 THROUGH 20-200-10. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE MAPS AND CONNECTICUT ASSOCIATION OF LAND SURVEYORS ON SEPTEMBER 16, 1994.
 - THE TYPE OF SURVEY INSTRUMENTS AND THE METHODS USED TO CONDUCT THIS SURVEY ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A TOPOGRAPHIC SURVEY.
 - THE PROPERTY LINE DEPICTED HEREON WAS PREPARED FROM RECORD SURVEYS, OTHER LIMITED FIELD MEASUREMENTS AND OTHER INFORMATION. THIS SURVEY IS NOT TO BE CONSIDERED A LIMITED PROPERTY BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE.
 - THE NORTH ARROW AND BEARINGS ARE BASED UPON THE ADAMSON WATER COMPANY RECORD SURVEY OF 1909. THE ELEVATION ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM AND RELATIONS TO SEA LEVEL WERE DETERMINED FROM CORNER MARKS MADE ON APRIL 29, 2010 USING COTEAU ADSON NETWORK (GARMIN BASE), HAVING THE FOLLOWING VALUES:
LATITUDE = 41°23'40.82" N
ELEVATION HEIGHT = 112.76'
 - THE HORIZONTAL BASELINE CONFORMS TO A CLASS B2 ACCURACY. THE VERTICAL BASELINE CONFORMS TO A CLASS V2 ACCURACY. THE TOPOGRAPHIC FEATURES CONFORM TO A CLASS T2 ACCURACY.
 - MAP REFERENCES
 - PANEL IS SUBJECT TO THE FOLLOWING
A CONSERVATION EASEMENT AS RECORDED APRIL 1, 2001 IN VOLUME 238 OF THE TOWN OF EASTON LAND RECORDS.
 - CORNWELL PRESERVATION EASEMENT RECORDED APRIL 1, 2001 IN VOLUME 238 OF THE TOWN OF EASTON LAND RECORDS.
 - VOLUME 238 PAGE 23 OF THE TOWN OF EASTON LAND RECORDS.
A. PARCELS 18, 2001 IN VOLUME 517 PAGE 252 & 254 AND OCTOBER 18, 2001 IN VOLUME 518 PAGE 496 OF THE TOWN OF EASTON LAND RECORDS.
B. PARCELS 18, 2001 IN VOLUME 518 PAGE 496 OF THE TOWN OF EASTON LAND RECORDS.
C. PARCELS 18, 2001 IN VOLUME 518 PAGE 496 OF THE TOWN OF EASTON LAND RECORDS.
 - PARCEL OWNER OF RECORD: TOWN OF EASTON, 232 COLLEGE ROAD, EASTON, CONNECTICUT.
 - PARCEL ID: MAPS 1718 & 1719, LOT 4 EASTON ASSESSORS OFFICE EASTON, CONNECTICUT.
 - DEED REFERENCES VOLUME 138 PAGE 18 AND VOLUME 238 PAGE 23.
 - PARCEL AREA = 18.65 ACRES.

DATE:	5/12/15
SCALE:	1"=40'
SHEET:	2 OF 2
DRAWN BY:	16011

TOPOGRAPHIC SURVEY
 ON PORTION OF PROPERTY OF
 THE TOWN OF EASTON
 515 MOREHOUSE ROAD
 EASTON CONNECTICUT

MARTIN SURVEYING ASSOCIATES, LLC
 148 HIGH ROAD, WASHINGTON, CT 06097
 860-622-8228
 MSJ-SURVEY.COM



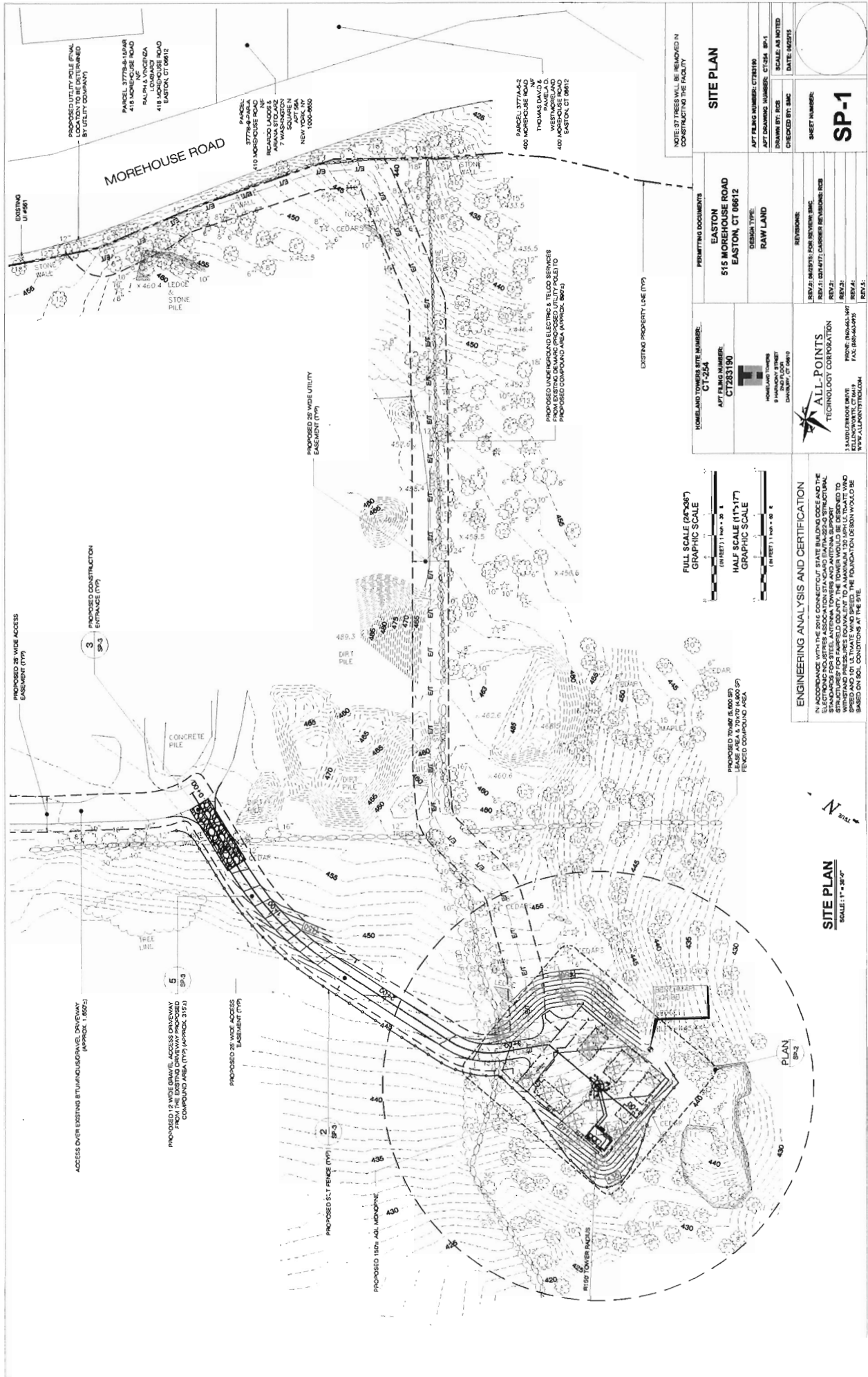
SEE SHEET 1 OF 2
 FOR NOTES



I, **G. MARTIN**, LICENSED LAND SURVEYOR, STATE OF CONNECTICUT, LICENSE NO. 70147, HEREBY CERTIFY THAT I AM THE SURVEYOR OF THIS MAP AND THAT THE MAP IS SUBSTANTIALLY ACCURATE AND CORRECT AS SHOWN.

G. MARTIN
 2015
 EASTON, CT

NO.	DESCRIPTION	DATE



PROPOSED UTILITY POLE (P) AND LOCATION TO BE DETERMINED BY UTILITY COMPANY

PARCEL 37778-4-1 (4AR)
418 MOREHOUSE ROAD
EASTON, CT 06812

PARCEL 37778-4-2 (2A)
410 MOREHOUSE ROAD
EASTON, CT 06812

PARCEL 37778-4-3 (3A)
400 MOREHOUSE ROAD
EASTON, CT 06812

PROPOSED 25' WIDE ACCESS EASEMENT (EAS)

3 PROPOSED CONSTRUCTION ENTRANCE (SP-3)

5 PROPOSED 12' WIDE GRAVEL ACCESS DRIVEWAY FROM THE EXISTING DRIVEWAY PROPOSED COMPOUND AREA (UT) APPROX. 31.75'

PROPOSED 25' WIDE ACCESS EASEMENT (EAS)

2 PROPOSED S.L.T. FENCE (TY)

PROPOSED 15TH AND 16TH TOWER PAD

EXISTING PROPERTY LINE (TY)

FULL SCALE (1"=30')

HALF SCALE (1"=15')

NOTE: 37 TREES WILL BE REMOVED IN CONSTRUCTING THE FACILITY

PERMITTING DOCUMENTS
EASTON
515 MOREHOUSE ROAD
EASTON, CT 06812

DESIGN TYPE:
RAW LAND

KEYWORD:
REVISE: 04/20/15 FOR REVIEW: SMC
REV1: 04/17/15 CHAIRMAN REVIEW: ICE
REV2:
REV3:
REV4:
REV5:

HOME LAND TOWERS SITE NUMBER:
CT1254

AFT FILING NUMBER:
CT283190

DESIGNER:
HOMELAND TOWERS
9 HANCOCK STREET
DANVER, CT 06810

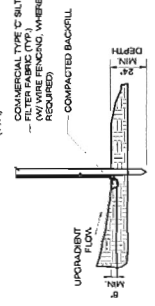
ENGINEERING ANALYSIS AND CERTIFICATION
IN ACCORDANCE WITH THE 2016 CONNECTICUT STATE BUILDING CODE AND THE STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORT STRUCTURES (ASTAS) AS APPLICABLE TO THE PROJECT. THE DESIGN IS BASED ON WIND SPEED AND 101 US THERMAL WIND SPEED. THE FOUNDATION DESIGN WOULD BE BASED ON SOIL CONDITIONS AT THE SITE.

ALL-POINTS
TECHNOLOGY CORPORATION
13 LUDLOW BOULEVARD
KELLYVILLE, CT 06419
PHONE: 860-436-1907
FAX: 860-436-9395
WWW.ALLPOINTS.COM

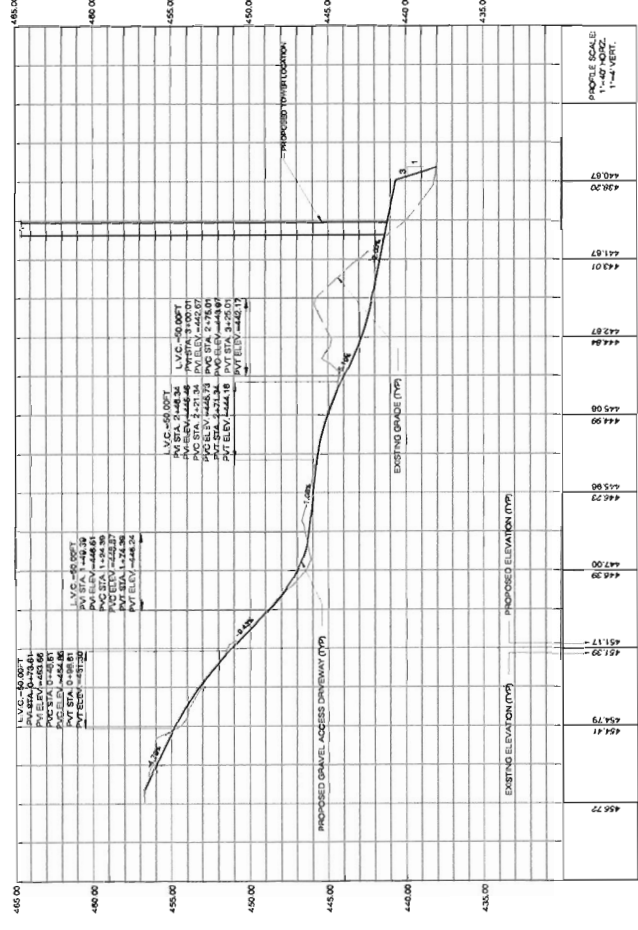
SITE PLAN
SCALE: 1" = 30'

SHEET NUMBER:
SP-1

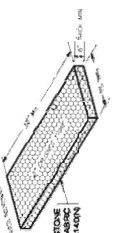
- STAKE BY MIN. 8FT O.C.
(TYP.)



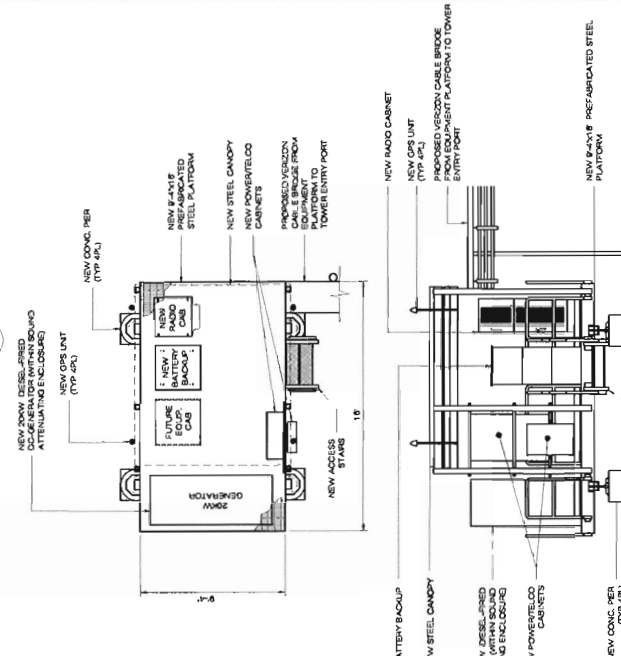
2 GEOTEXTILE SILT FENCE DETAIL
SCALE: 3/8\"/>



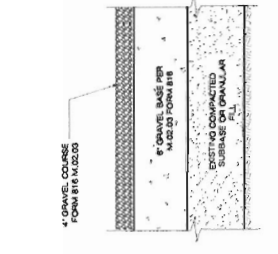
1 PROPOSED GRAVEL ACCESS DRIVEWAY PROFILE
SCALE: 1"=40' HORIZONTAL
1"=4' VERTICAL



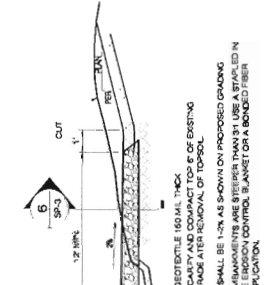
(C) CONSTRUCTION ENTRANCE DETAIL
SCALE: 1/2\"/>



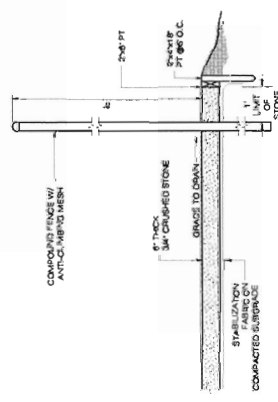
7 EQUIPMENT PLATFORM
SCALE: 1/2\"/>



6 GRAVEL ROAD SECTION
SCALE: 1/2\"/>



5 TYPICAL ROAD CROSS SECTION
SCALE: 1/2\"/>



4 COMPOUND DETAIL
SCALE: 1/2\"/>

DRIVEWAY PROFILE, DETAILS & NOTES

HOMELEND TOWERS SITE NUMBER:
CT-254

APF FILING NUMBER:
CT283190

PERMITTING DOCUMENTS:
EASTON
\$15 MOREHOUSE ROAD
EASTON, CT 06812

DESIGN TYPE:
RAW LAND

APF FILING NUMBER: CT28319
APF DRAWING NUMBER: CT-254 SP-3
DRAWN BY: ICE
CHECKED BY: SMC
DATE: 06/25/15

REVISIONS:
REV:1: 04/15/17: CAREER REVISIONS: ICE
REV:2:
REV:3:
REV:4:

ALL-POINTS
TECHNOLOGY CORPORATION
1340 BROADVIEW DRIVE
ELLINGTON, CT 06039
PHONE: 860-343-0505
FAX: 860-343-0258
WWW.ALLPOINTS.COM

SP-3

Attachment 3
USFWS IPaC Threatened and
Endangered Species Report



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 03301
PHONE: (603)223-2541 FAX: (603)223-0104
URL: www.fws.gov/newengland

Consultation Code: 05E1NE00-2017-SLI-0929

February 27, 2017

Event Code: 05E1NE00-2017-E-01682

Project Name: Samuel Staples Elementary School

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: Samuel Staples Elementary School

Official Species List

Provided by:

New England Ecological Services Field Office

70 COMMERCIAL STREET, SUITE 300

CONCORD, NH 03301

(603) 223-2541

<http://www.fws.gov/newengland>

Consultation Code: 05E1NE00-2017-SLI-0929

Event Code: 05E1NE00-2017-E-01682

Project Type: COMMUNICATIONS TOWER

Project Name: Samuel Staples Elementary School

Project Description: Homeland Towers is proposing to construct a wireless telecommunications facility, consisting of a ±157 foot tall monopole tower located at 515 Morehouse Road, on the Samuel Staples Elementary School property, in Easton, Fairfield County, CT 06612-1637.

Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: Samuel Staples Elementary School

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.28950088416082 41.243460209304594, -73.28594608121483 41.2392786665573, -73.28470538103709 41.23750536939056, -73.2842524495041 41.23709613123424, -73.28401950981426 41.23693267770162, -73.28375638077729 41.236409430667074, -73.2836569826225 41.23591627094421, -73.28324439989169 41.23536576860467, -73.2837160948873 41.23540257494937, -73.28587297958502 41.23428184618121, -73.28631648290292 41.23461836422482, -73.28746037061156 41.236217274400936, -73.28668699884398 41.23660140388839, -73.28672820572262 41.23664234580752, -73.2875291629621 41.23629922163634, -73.28848017878842 41.237631648429854, -73.28925406349826 41.23730920669046, -73.28936746968206 41.23784343082643, -73.28916839164242 41.238481965292564, -73.28918320533309 41.238625868892846, -73.28971614154125 41.23717333963395, -73.29081781934501 41.23695218047839, -73.29245743105622 41.23916572682466, -73.29282286832445 41.23887604776923, -73.2935526223485 41.23979812868079, -73.29235930320874 41.24047223628947, -73.29240607475539 41.2411815975782, -73.29228987230836 41.24195343405103, -73.29288109947697 41.242598512512764, -



United States Department of Interior
Fish and Wildlife Service

Project name: Samuel Staples Elementary School

73.29156134495939 41.24282072282139, -73.28950088416082 41.243460209304594)))

Project Counties: Fairfield, CT



United States Department of Interior
Fish and Wildlife Service

Project name: Samuel Staples Elementary School

Endangered Species Act Species List

There are a total of 1 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Mammals	Status	Has Critical Habitat	Condition(s)
Northern long-eared Bat (<i>Myotis septentrionalis</i>) Population: Wherever found	Threatened		



United States Department of Interior
Fish and Wildlife Service

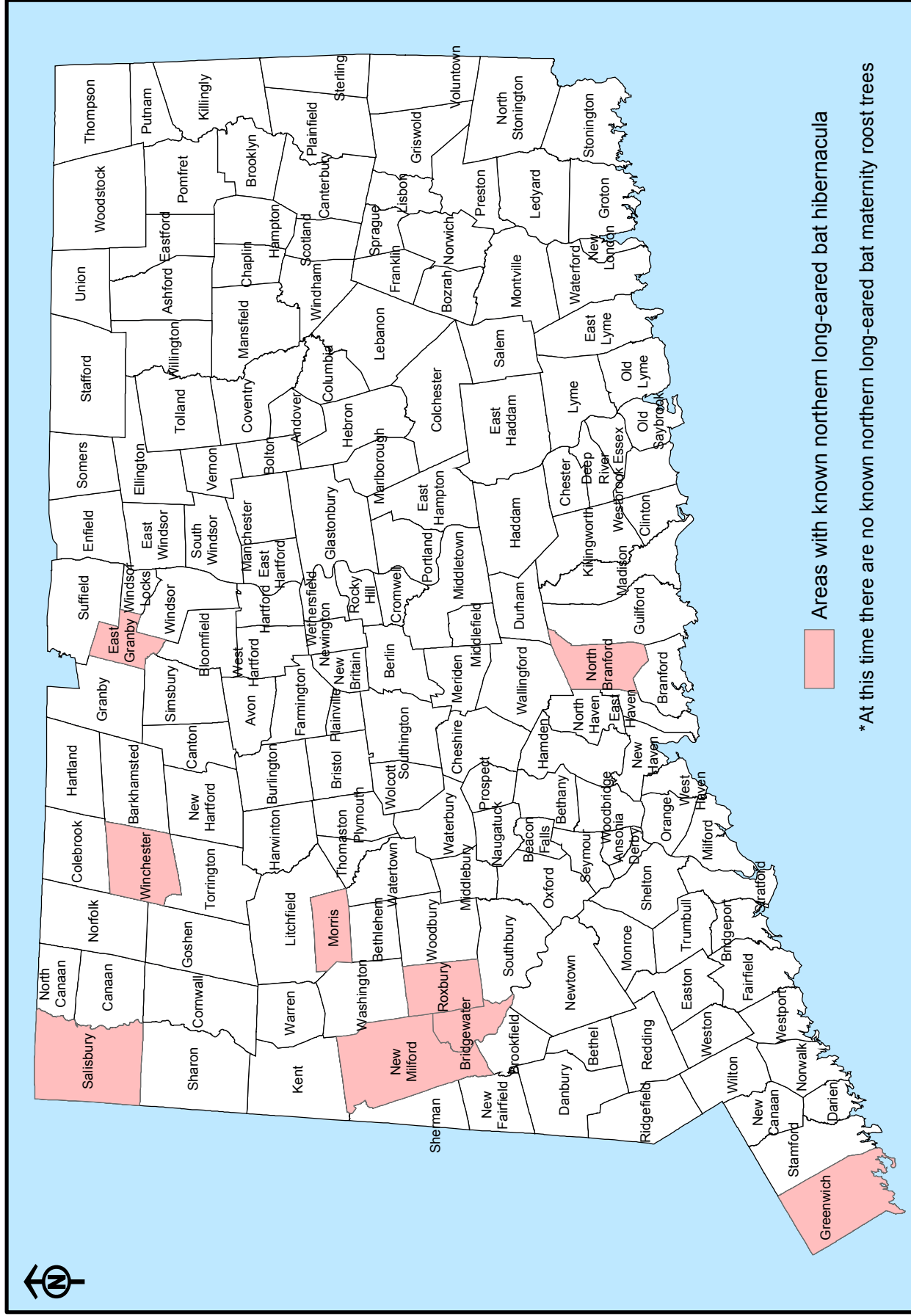
Project name: Samuel Staples Elementary School

Critical habitats that lie within your project area

There are no critical habitats within your project area.

Attachment 4
CTDEEP March 14, 2016
correspondence and
Northern long-eared bat areas of
concern in Connecticut to assist with
Federal Endangered Species Act
Compliance map

Northern long-eared bat areas of concern in Connecticut to assist with Federal Endangered Species Act Compliance



February 1, 2016

For information on federal requirements visit <http://www.fws.gov/midwest/endangered/mammals/nlebb/>

Deb Leonardo

From: DEEP Nddbrequest <DEEP.Nddbrequest@ct.gov>
Sent: Friday, March 18, 2016 10:46 AM
To: Dean Gustafson
Cc: Deb Leonardo
Subject: Re: Request for NLEB Hibernaculum & Known Maternity Roost Tree Proximity Habitat Info
Attachments: image001.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Dean

Dean,

Yes. I can confirm that this information is publically available on the published map on the CT NDDB page that shows Connecticut towns that have known bat hibernaculum. Currently CT does not have any known long-eared bat maternity roost trees.

Dawn McKay
Dawn M. McKay
Wildlife Division
Bureau of Natural Resources
Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
P: 860.424.3592 | E: dawn.mckay@ct.gov<mailto:dawn.mckay@ct.gov>

From: Dean Gustafson <dgustafson@allpointstech.com>
Sent: Friday, March 18, 2016 8:13 AM
To: DEEP Nddbrequest
Cc: Deb Leonardo
Subject: Request for NLEB Hibernaculum & Known Maternity Roost Tree Proximity Habitat Info

Good morning Dawn,

The 4(d) Rule Keys (for both Federal Actions and Non-Federal Activities) requires determining if a project is located in proximity to the following northern long-eared bat ("NLEB") habitats (information which is to be provided by CTDEEP NDDB):

- * Within 150 feet of a known occupied maternity roost tree; and,
- * Within 0.25 mile and 5 miles from a hibernacula.

To minimize project specific requests for NLEB habitat data, please confirm that such information is now publically available in a published map on the NDDB page that shows towns in CT that have known bat hibernaculum and information about maternity colonies/trees. The link is here:
http://www.ct.gov/deep/lib/deep/endangered_species/images/nleb_approved2_16.pdf. This map currently states that

"*At this time there are no known northern long-eared bat maternity roost trees". In addition, NDDDB "buffered areas" representing known NLEB hibernaculum locations is included in the current Natural Diversity Data Base Maps.

Thank you,
Dean

Dean E. Gustafson
Senior Environmental Scientist
[cid:image004.jpg@01D09D27.E1152890]
3 Saddlebrook Drive
Killingworth, CT 06419
860.663.1697 ext. 201 (office)
860.984.9515 (mobile)
dgustafson@allpointstech.com<mailto:dgustafson@allpointstech.com>

Attachment 5
Northern Long-Eared Bat 4(d) Rule
Streamlined Consultation Form

Northern Long-Eared Bat 4(d) Rule Streamlined Consultation Form

Federal agencies should use this form for the optional streamlined consultation framework for the northern long-eared bat (NLEB). This framework allows federal agencies to rely upon the U.S. Fish and Wildlife Service's (USFWS) January 5, 2016, intra-Service Programmatic Biological Opinion (BO) on the final 4(d) rule for the NLEB for section 7(a)(2) compliance by: (1) notifying the USFWS that an action agency will use the streamlined framework; (2) describing the project with sufficient detail to support the required determination; and (3) enabling the USFWS to track effects and determine if reinitiating of consultation is required per 50 CFR 402.16.

This form is not necessary if an agency determines that a proposed action will have no effect to the NLEB or if the USFWS has concurred in writing with an agency's determination that a proposed action may affect, but is not likely to adversely affect the NLEB (i.e., the standard informal consultation process). Actions that may cause prohibited incidental take require separate formal consultation. Providing this information does not address section 7(a)(2) compliance for any other listed species.

Information to Determine 4(d) Rule Compliance:	YES	NO
1. Does the project occur wholly outside of the WNS Zone ¹ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Have you contacted the appropriate agency ² to determine if your project is near known hibernacula or maternity roost trees?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Could the project disturb hibernating NLEBs in a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Could the project alter the entrance or interior environment of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the project remove any trees within 0.25 miles of a known hibernaculum at any time of year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Would the project cut or destroy known occupied maternity roost trees, or any other trees within a 150-foot radius from the maternity roost tree from June 1 through July 31.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

You are eligible to use this form if you have answered yes to question #1 **or** yes to question #2 **and** no to questions 3, 4, 5 and 6. The remainder of the form will be used by the USFWS to track our assumptions in the BO.

Agency and Applicant³ Homeland Towers LLC, 9 Harmony Street, 2nd Floor, Danbury, CT 06810

Project Name: Homeland Towers CT 254 Easton CT Facility

Project Location: 515 Morehouse Road, Easton, CT (Lat: 41° 14' 08.10" N Long: 71° 17' 07.34" W)

Basic Project Description: Homeland Towers is proposing to construct a wireless telecommunications facility, consisting of ±157-foot tall monopine tower on Town of Easton property. The 104.41-acre property is located at 515 Morehouse Road in Easton, Fairfield County, Connecticut. The property is improved with the Samuel Staples Elementary School, the Town of Easton Animal Shelter, and a materials storage yard utilized by the Town of Easton Department of Public Works ("DPW"). The school is located on the northern portion of the property. A gated gravel access driveway extends to the DPW materials storage yard that is located on the central portion of the property that will serve as the proposed access drive to the tower location. The proposed tower facility would be located in an upland forested area just southwest of the DPW materials storage yard.

¹ <http://www.fws.gov/midwest/endangered/mammals/nleb/pdf/WNSZone.pdf>

² See <http://www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html>

³ If applicable - only needed for federal actions with applicants (e.g., for a permit, etc.) who are party to the consultation.

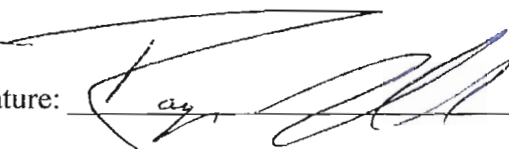
General Project Information	YES	NO
Does the project occur within 0.25 miles of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project occur within 150 feet of a known maternity roost tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project include forest conversion ⁴ ? (if yes, report acreage below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Estimated total acres of forest conversion	±0.3 ac.	
If known, estimated acres ⁵ of forest conversion from April 1 to October 31	±0.3 ac.	
If known, estimated acres of forest conversion from June 1 to July 31 ⁶	±0.3 ac.	
Does the project include timber harvest? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of timber harvest		
If known, estimated acres of timber harvest from April 1 to October 31		
If known, estimated acres of timber harvest from June 1 to July 31		
Does the project include prescribed fire? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of prescribed fire		
If known, estimated acres of prescribed fire from April 1 to October 31		
If known, estimated acres of prescribed fire from June 1 to July 31		
Does the project install new wind turbines? (if yes, report capacity in MW below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated wind capacity (MW)		

Agency Determination:

By signing this form, the action agency determines that this project may affect the NLEB, but that any resulting incidental take of the NLEB is not prohibited by the final 4(d) rule.

If the USFWS does not respond within 30 days from submittal of this form, the action agency may presume that its determination is informed by the best available information and that its project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO. The action agency will update this determination annually for multi-year activities.

The action agency understands that the USFWS presumes that all activities are implemented as described herein. The action agency will promptly report any departures from the described activities to the appropriate USFWS Field Office. The action agency will provide the appropriate USFWS Field Office with the results of any surveys conducted for the NLEB. Involved parties will promptly notify the appropriate USFWS Field Office upon finding a dead, injured, or sick NLEB.

Signature:  _____

Date Submitted: 2-27-17

⁴ Any activity that temporarily or permanently removes suitable forested habitat, including, but not limited to, tree removal from development, energy production and transmission, mining, agriculture, etc. (see page 48 of the BO).

⁵ If the project removes less than 10 trees and the acreage is unknown, report the acreage as less than 0.1 acre.

⁶ If the activity includes tree clearing in June and July, also include those acreage in April to October.