ATTACHMENT 3

SITE A: BALD HILL ROAD

General Facility Description

Bald Hill Road, Kent, Connecticut

Tax/PIN Identification: Map: 10 Block: 22 Lot: 38

1.99 Acre Parcel

The proposed Site A tower site is located on an approximately 1.99-acre parcel located at Bald Hill Road owned by InSite Wireless Group, LLC (formerly owned by John P. Atwood). It is classified in the Rural Zoning District and is an unimproved vacant parcel. The proposed telecommunications facility includes an approximately 5,400 s.f. lease area and 3,950 s.f. compound area located in the southwestern section of the host parcel.

The facility consists of a new self-supporting monopole that is 154' in height. AT&T would install up to nine (9) panel antennas and related equipment at a centerline height of 150' above grade level (AGL). The tower will accommodate the Town's Fire Department, Fire Dispatch, EMS and Highway Department communications equipment. The tower would be designed for future shared use of the structure by other FCC licensed wireless carriers. AT&T's walk-in equipment cabinet would be installed on helical piles within the approximately 3,950 s.f. fenced compound area at the base of the tower. AT&T would also install a separate concrete pad for an emergency backup power generator within the equipment compound.

The tower compound would consist of a 3,950 s.f area to accommodate AT&T's equipment and provide for future shared use of the facility by other carriers. The tower compound would be enclosed by an eight (8) foot high chain link fence. Landscaping is proposed on the east and south side of the equipment compound. Vehicle access to the facility would be provided from Bald Hill Road over an existing abandoned drive that will be upgraded to a 12' wide gravel access drive a distance of approximately 300' to the proposed compound. Utility connections would be routed underground along the access easement.

C:\Users\mkoperwhats\Dropbox (APT GIS)\APT GIS Team Folder\Projects\Homeland Towers\Kent\mxd\Kent CSC Site Location Aerial.mxd

Legend

- Site
- Subject Property
- Approximate Parcel Boundary (CTDEEP GIS)

Site Location Map

Proposed Wireless
Telecommunications Facility
CT757-Kent
Bald Hill Road
Kent, Connecticut

N
W E
S

400 200 0 400
Feet

Map Notes:
Base Map Source: 2016 CT ECO Imagery
Map Scale:1 inch = 400 feet
Map Date: April 2019

HOMELAND TOWERS

ALL-POINTS TECHNOLOGY CORPORATION

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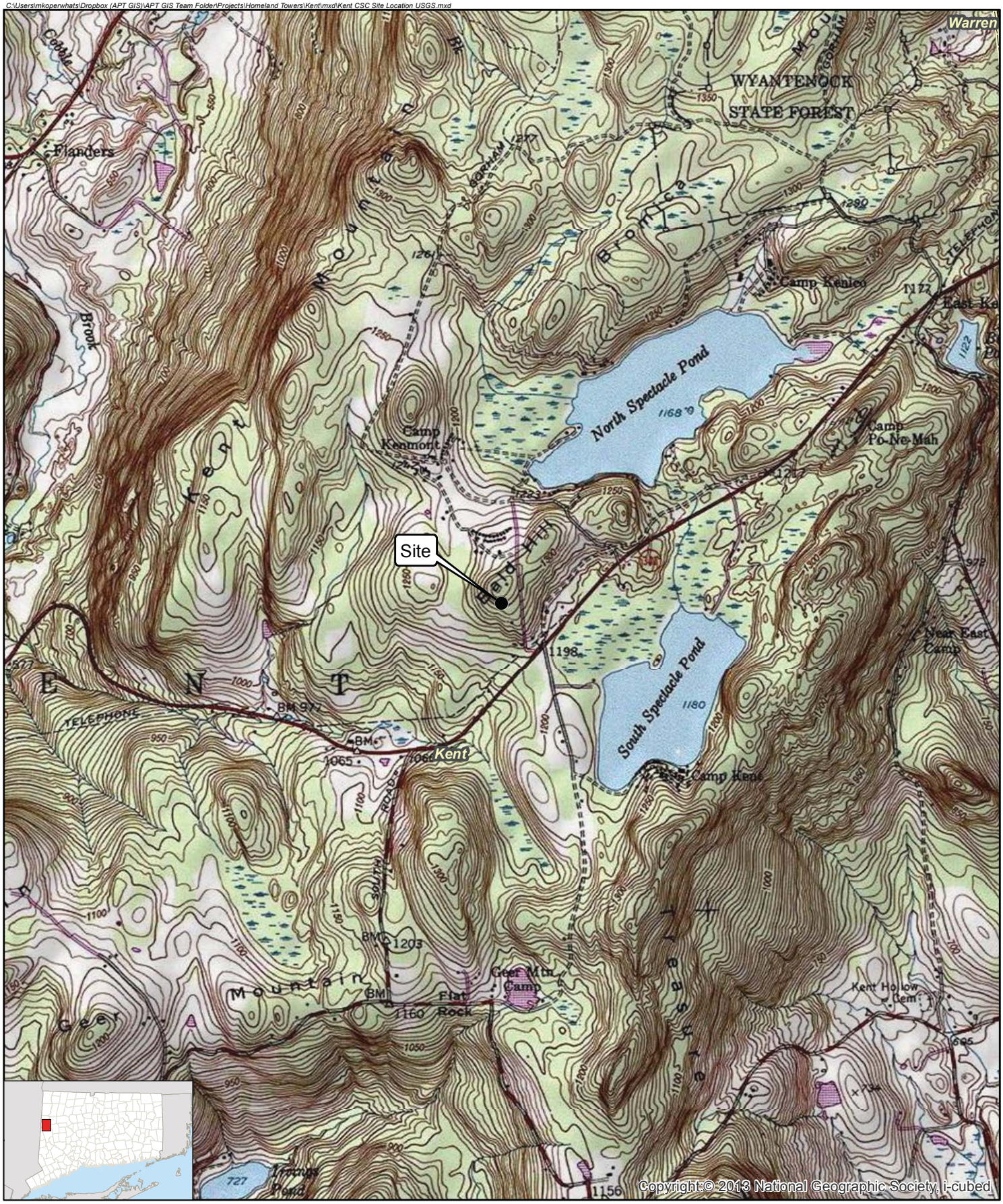


Legend

- Site
- Municipal Boundary

Site Location Map

Proposed Wireless
Telecommunications Facility
CT757-Kent
Bald Hill Road
Kent, Connecticut

Map Notes:
Base Map Source: USGS 7.5 Minute Topographic Quadrangle Map, Kent, CT (1971)
Map Scale: 1:24,000
Map Date: April 2019

N W E S

1,000 500 0 1,000 Feet

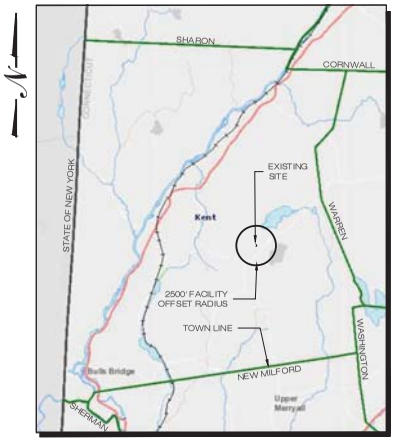
HOMELAND TOWERS

ALL-POINTS TECHNOLOGY CORPORATION

HOMELAND TOWERS, LLC

WIRELESS TELECOMMUNICATIONS FACILITY

KENT
BALD HILL ROAD
KENT, CT 06785



MUNICIPAL NOTIFICATION LIMIT MAP
SCALE: 1" = 1.5 Miles

VICINITY MAP
SCALE: 1" = 500'

DRAWING INDEX

T-1 TITLE SHEET & INDEX
EX-1 EXISTING CONDITIONS SURVEY
SP-1 SITE PLAN & ABUTTERS MAP
CP-1 COMPOUND PLAN & TOWER ELEVATION
C-1 SITE DETAILS
C-2 SITE DETAILS

SITE INFORMATION

PROJECT LOCATION: BALD HILL ROAD
KENT, CT 06785

PROJECT DESCRIPTION: RAWLAND SITE W/ GROUND EQUIPMENT WITHIN 5,400 SF TELECOMMUNICATIONS LEASE AREA W/ NEW 154'± AGL MONOPOLE.

PROPERTY DEVELOPER: HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

DEVELOPER CONTACT: RAY VERGATI
(203) 297-6345

ENGINEER CONTACT: ROBERT C. BURNS, P.E.
(860) 663-1697 x206

LATITUDE: 41° 43' 16.42"N
LONGITUDE: 73° 25' 40.80"W
ELEVATION: 1,300'± AMSL

MAP: 10
LOT: 38
ZONE: RURAL DISTRICT

OWNER:
INSITE WIRELESS GROUP, LLC
1199 NORTH FAIRFAX STREET,
STE. 700
ALEXANDRIA, VA 22314

APPLICANTS:
HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
RAY VERGATI
(203) 297-6345

AT&T
340 MOUNT KEMBLE AVE.
MORRISTOWN, NJ 07960

HOMELAND PROJECT ATTORNEY:
CUDDY & FEDER, LLP
445 HAMILTON AVENUE
14TH FLOOR
WHITE PLAINS, NY 10601
(914) 761-1300

POWER PROVIDER:
EVERSOURCE: (800) 286-2000

TELCO PROVIDER:
FRONTIER (800) 921-8102

CALL BEFORE YOU DIG:
(800) 922-4455

GOVERNING CODES:
CONNECTICUT STATE BUILDING CODE, LATEST EDITION
NATIONAL ELECTRIC CODE, LATEST EDITION
TIA-222-G

HOMELAND TOWERS, LLC
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2nd FLOOR
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at&t
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MORRISTOWN, NEW JERSEY 07960

ALL-POINTS TECHNOLOGY CORPORATION
3 SADDLEBROOK DRIVE PHONE: (860)-663-1697
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM

PERMITTING DOCUMENTS

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4		
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810

HOMELAND TOWERS
KENT

SITE ADDRESS: BALD HILL ROAD KENT, CT 06785

APT FILING NUMBER: CT283180

DATE: 05/20/19 DRAWN BY: ELZ
CHECKED BY: RCB

SHEET TITLE:
TITLE SHEET & INDEX

SHEET NUMBER:
T-1

NOTES

1) NORTH ORIENTATION AND COORDINATES REFER TO NAD 83.

2) ELEVATIONS BASED ON NAVD 1988.

3) PARCEL OWNER OF RECORD: ATWOOD JOHN P EST OF C/O REBBECCA RIGDON
15 BALD HILL RD
KENT, CT

4) PARCEL AREA: 86,555.8SQ. FT., 1.99 ACRES.

5) PARCEL IS IN THE RURAL ZONING DISTRICT

6) PARCEL ID: MAP 10, BLOCK 22, LOT 38 PER THE TOWN OF KENT ASSESSOR MAPPING

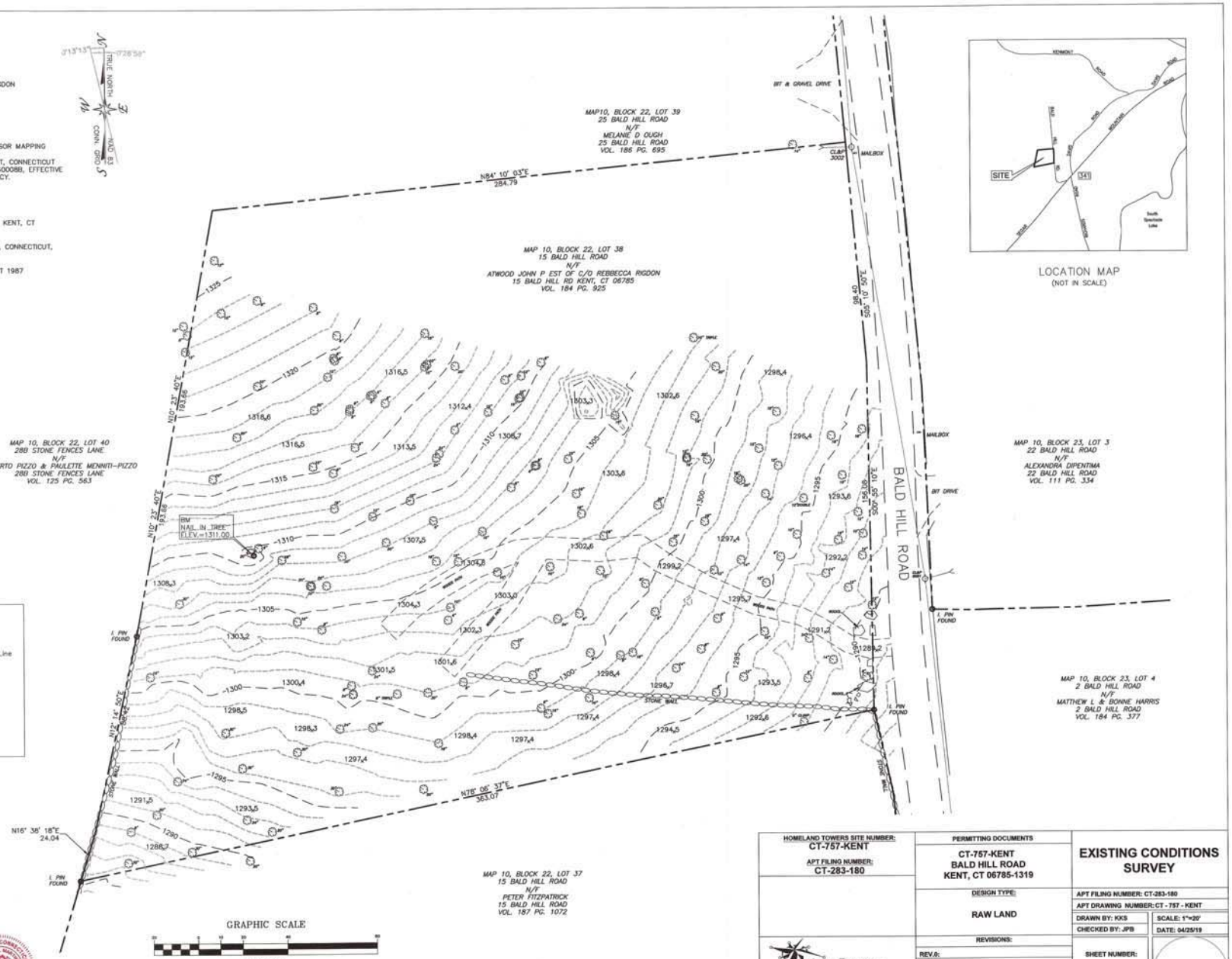
7) PARCEL IS IN ZONE C FIRM FLOOD INSURANCE RATE MAP, TOWN OF KENT, CONNECTICUT LITCHFIELD COUNTY, PANEL 8 OF 15, COMMUNITY PANEL NUMBER 090186000B8, EFFECTIVE DATE: MARCH 4, 1980 BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

MAP REFERENCES

1) HOMELAND TOWERS: CT 757 – KENT, CT 757 – KENT, BALD HILL ROAD, KENT, CT 06785–1319, SITE PLAN, SCALE: 1" = 100'–0"

2) SUBDIVISION MAP PREPARED FOR JAMES E. SMITH, II, DAVIS ROAD, KENT, CONNECTICUT, SCALE 1" = 50', APRIL 1988

3) STONE FENCES, ROUTE 341, KENT, CONNECTICUT, SCALE 1"=100', AUGUST 1987



SYMBOLS LEGEND

□	Monument		Property Line
△	Traverse		Existing Road
	Deciduous Tree		Proposed Site
	Evergreen Tree		Proposed Fence Line
	Iron Pin		Stone Wall
●	"C" Catch Basin	1300	Tree Line
□	"CL" Catch Basin	1293.5	Contour Line
○	Round Catch Basin	o	Spot Grade
◎	Manhole		Post
			Double Sign

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20–300B–1 THRU 20–300B–20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES – "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1996. IT IS A TOPOGRAPHIC / BOUNDARY SURVEY AND IS BASED UPON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A–2 AND A VERTICAL ACCURACY OF CLASS T–2 AND IS INTENDED TO BE USED FOR THE PURPOSE OF SHOWING EXISTING CONDITIONS AND PROPERTY-LINE INFORMATION.
TO BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

4/25/19

A. RAFAEL MARTINEZ — LICENSED LAND SURVEYOR — DATE

STATE OF CONNECTICUT
RAFAEL A. MARTINEZ
No. 18826
LICENSED
LAND SURVEYOR

HOMELAND TOWERS SITE NUMBER: CT-757-KENT	PERMITTING DOCUMENTS	EXISTING CONDITIONS SURVEY
APT FILING NUMBER: CT-283-180	CT-757-KENT BALD HILL ROAD KENT, CT 06785-1319	APT FILING NUMBER: CT-283-180
		APT DRAWING NUMBER: CT - 757 - KENT
	DESIGN TYPE: RAW LAND	DRAWN BY: KKS / SCALE: 1"=20'
		CHECKED BY: JPB / DATE: 04/25/19
ALL-POINTS TECHNOLOGY CORPORATION	REVISIONS:	SHEET NUMBER:
3 SADDLEBROOK DRIVE, KILLINGWORTH, CT 06419 — PHONE: (860)-663-1697, FAX: (860)-663-0935 — WWW.ALLPOINTSTECH.COM	REV.0: REV.1: REV.2: REV.3: REV.4: REV.5:	EX-1

SITE AREAS & VOLUMES OF EARTHWORK

SITEWORK ENTAILS APPROXIMATELY NET 450 CUBIC YARDS OF EXCAVATION. THE COMPOUND AND ROADWAY WILL IMPORT APPROXIMATELY 210 CUBIC YARDS OF CLEAN BROKEN STONE. THE UTILITY TRENCH FROM THE DEMARC TO THE COMPOUND WILL EXCAVATE APPROXIMATELY 150 CUBIC YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL THE TRENCH.

COMPOUND AREA SLOPES:
EXISTING - 15%
PROPOSED - 3.5%

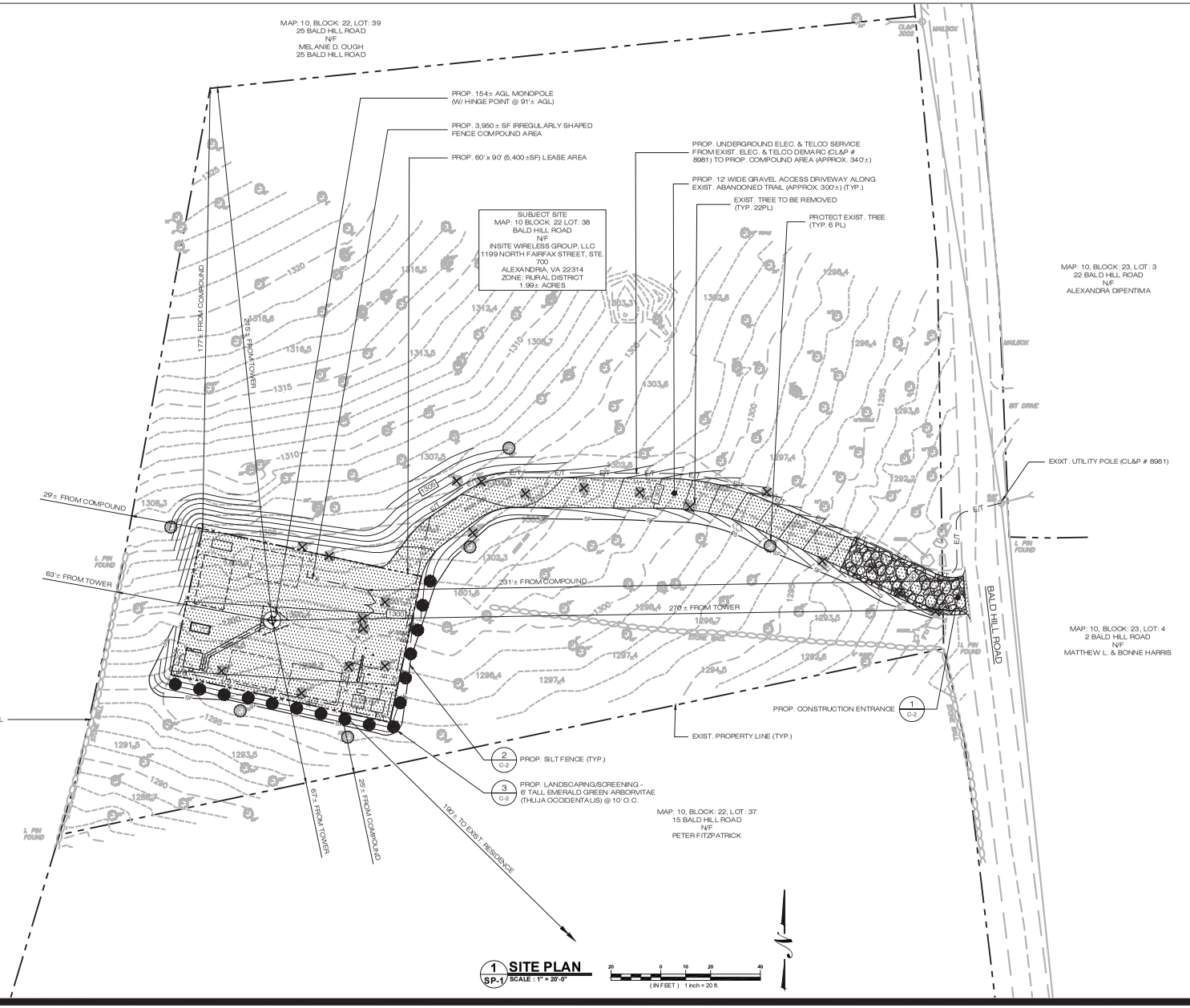
TOTAL AREA OF DISTURBANCE = 15,500 ± SF

STORMWATER VELOCITY:
PRIOR TO GROUND COVER < 3.0 FT/SEC
FOLLOWING GROUND COVER < 3.0 FT/SEC

STORMWATER VOLUME:
PROPOSED IMPERVIOUS AREA = 9,000 SF
WATER QUALITY STD.VOLUME (1") = 750 CF
STORAGE VOLUME (6" DEPTH, 40% VOIDS) = 790 CF

GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N):
- WHITE CLOVER @ 0.20#/- SF
- TALL FESCUE @ 0.45#/- SF
- RYEGRASS @ 0.10#/- SF

NOTE:
22 TREES WILL NEED TO BE REMOVED IN CONSTRUCTION OF THE FACILITY.



LEGEND

- PROPERTY LINE
- EXIST. 1FT CONTOUR
- EXIST. 5FT CONTOUR
- EXIST. STONEWALL
- REMOVE EXIST. TREE
- PROTECT EXIST. TREE
- PROP. 1FT CONTOUR
- PROP. 5FT CONTOUR
- E/T — PROP. UNDERGROUND ELECTRICAL/TELCO.
- SF — PROP. SILT FENCE

MAP REFERENCES:
1. "EX-1, EXISTING CONDITIONS SURVEY PLAN", SHEET 1 OF 1, PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC, DATED 4/25/19

1 SP-1 **SITE PLAN**
SCALE : 1" = 20'-0"

20 0 10 20 40
(IN FEET) 1 inch = 20 ft.

HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t
340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960

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HOMELAND TOWERS
KENT

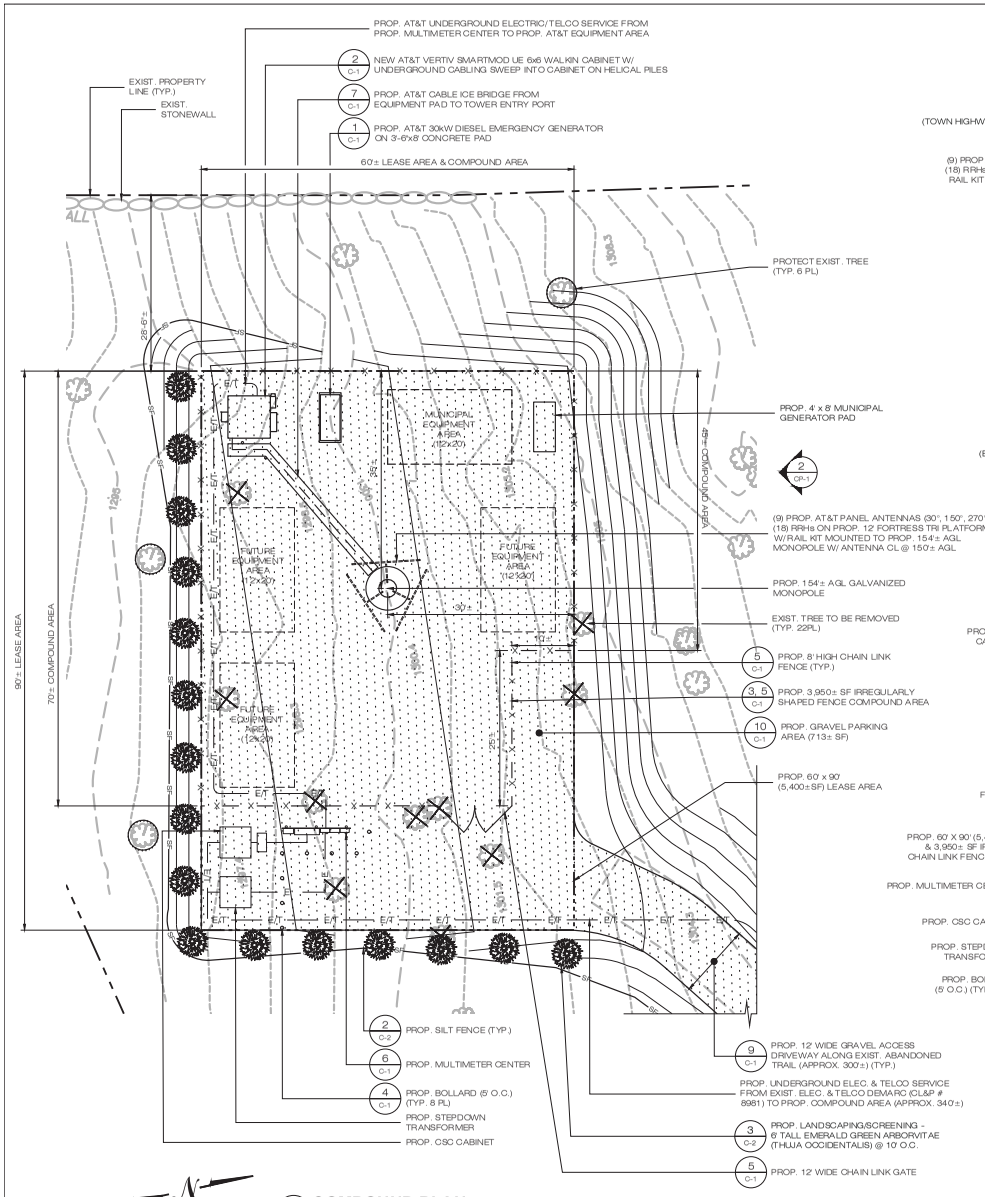
SITE ADDRESS: BALD HILL ROAD KENT, CT 06785

APT FILING NUMBER: CT283180

DATE: 05/20/19 DRAWN BY: ELZ
CHECKED BY: RCB

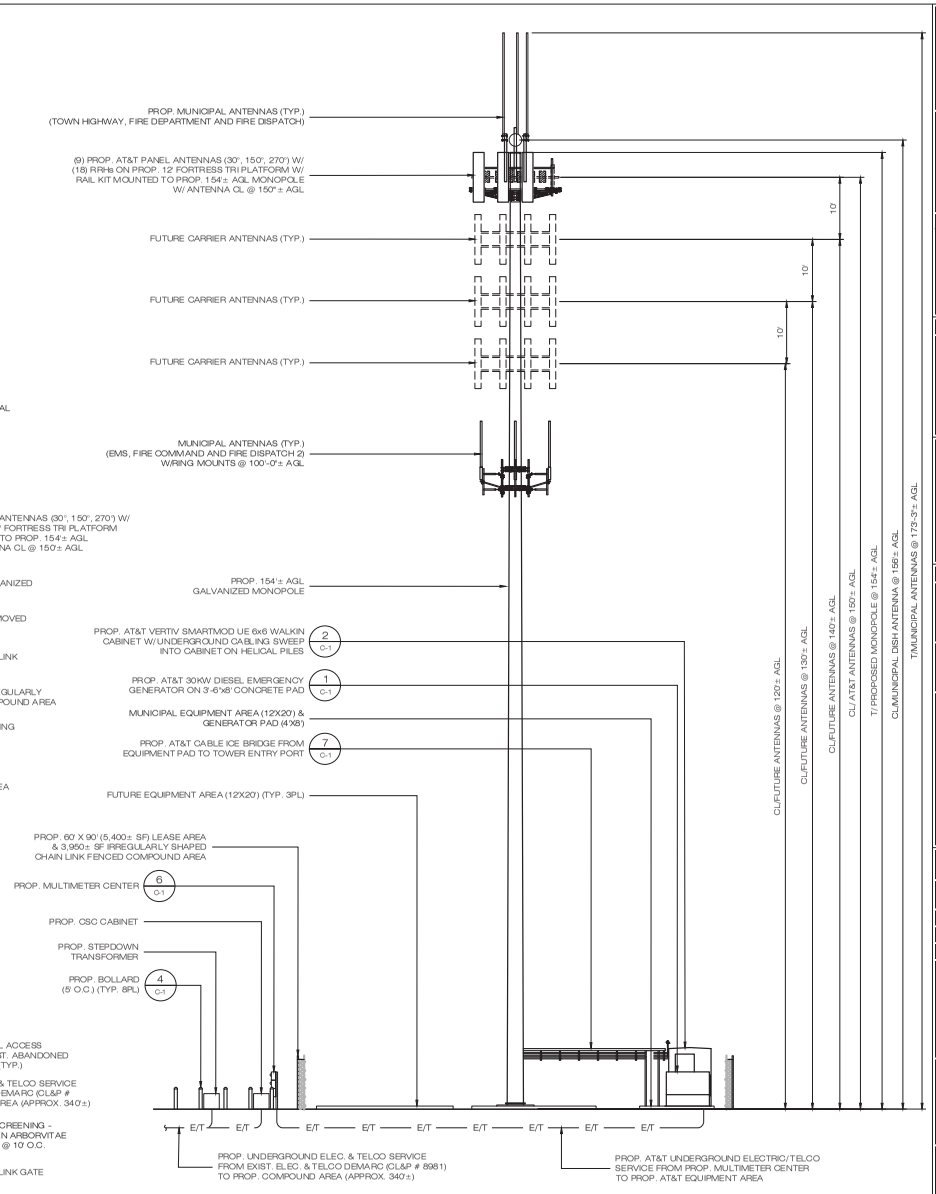
SHEET TITLE:
SITE PLAN & ABUTTERS MAP

SHEET NUMBER:
SP-1



1 COMPOUND PLAN
CP-1 SCALE: 1" = 10'-0"

10 0 5 10 20
(IN FEET) 1 inch = 10 ft.



2 NORTH ELEVATION
CP-1 SCALE: 1" = 10'-0"

10 0 5 10 20
(IN FEET) 1 inch = 10 ft.

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HOMELAND TOWERS KENT

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APT FILING NUMBER: CT283180

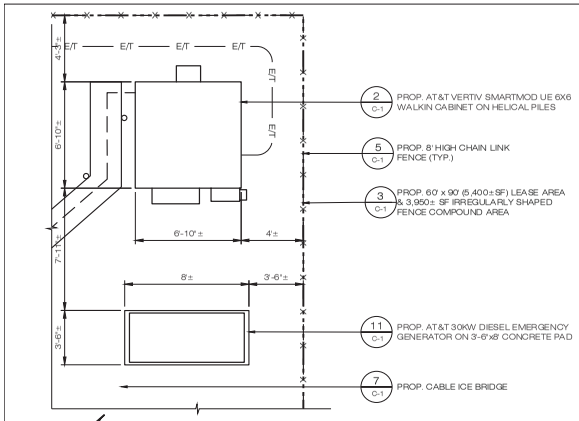
DATE: 05/20/19 | DRAWN BY: ELZ
CHECKED BY: RCB

SHEET TITLE:

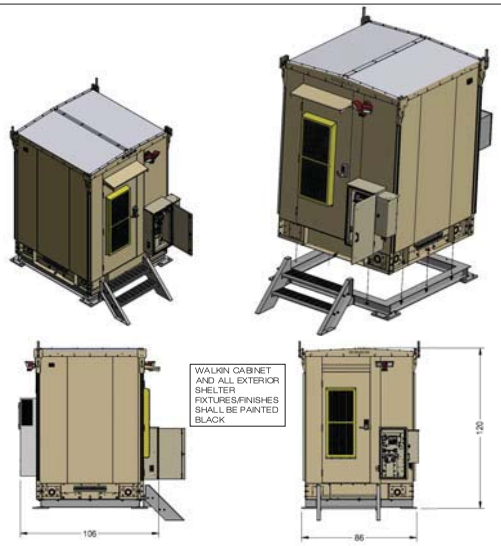
COMPOUND PLAN & TOWER ELEVATION

SHEET NUMBER:

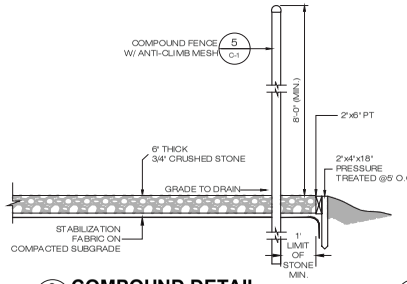
CP-1



1 C-1 AT&T EQUIPMENT AREA
SCALE : ¼" = 1'-0"



2 C-1 AT&T SMARTMOD UE 6'X6' WALKIN CABINET
SCALE : ¼" = 1'-0"



3 C-1 COMPOUND DETAIL
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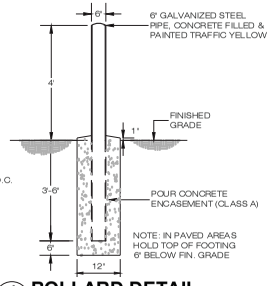
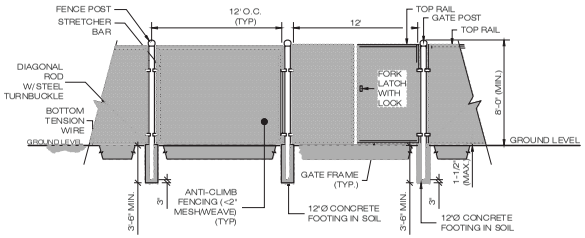
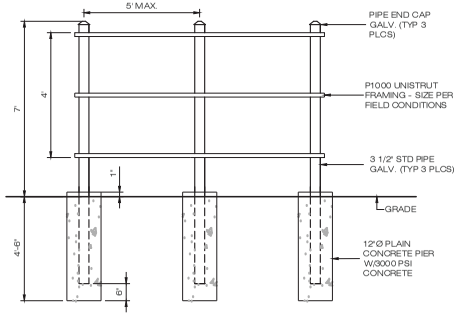


4 C-1 BOLLARD DETAIL
SCALE : N.T.S.



5 C-1 CHAIN-LINK FENCING & FENCE GATE DETAIL
SCALE : N.T.S.



6 C-1 UTILITY BACKBOARD FRAME DETAIL
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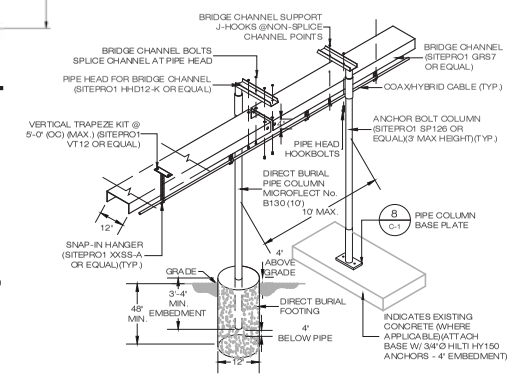
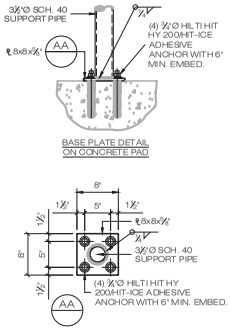
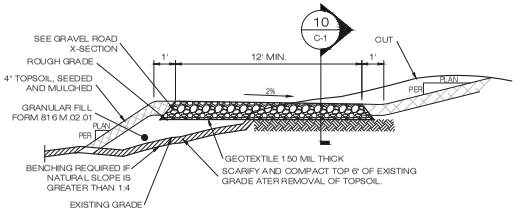


7 C-1 CABLE BRIDGE & COAX HANGER DETAIL
SCALE : N.T.S.



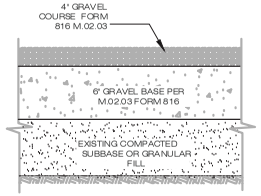
8 C-1 PIPE BASE PLATE
SCALE : N.T.S.



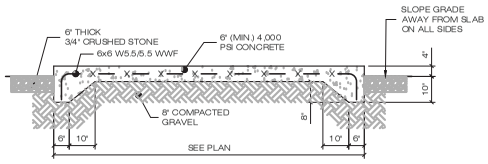
* CROSS SLOPE GRADE SHALL BE 1-2% AS SHOWN ON PROPOSED GRADING

* WHERE CUT OR FILL EMBANKMENTS ARE STEEPER THAN 3:1 USE A STAPLED IN PLACE, BIODEGRADABLE EROSION CONTROL BLANKET OR A BONDED FIBER MATRIX HYDROSEED APPLICATION.

9 C-1 TYPICAL ROAD CROSS SECTION
SCALE : NTS



10 C-1 GRAVEL ROAD SECTION
SCALE : NTS



11 C-1 EQUIPMENT PAD
SCALE : N.T.S.

HOMELAND TOWERS, LLC
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(203) 297-6345

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KENT

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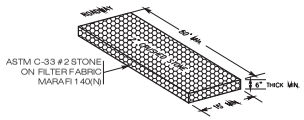
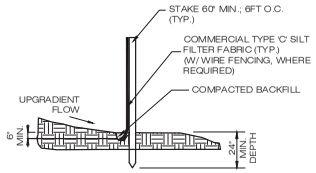


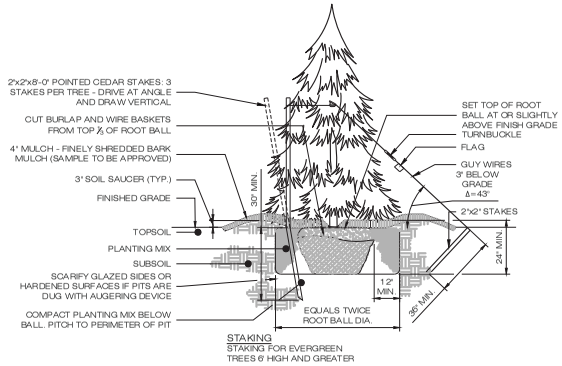
1 C-2 (CE) CONSTRUCTION ENTRANCE DETAIL

SCALE : NTS



2 C-2 GEOTEXTILE SILT FENCE DETAIL

SCALE : NTS



3 C-2 EVERGREEN TREE PLANTING

SCALE : N.T.S.

HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t

340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960

ALL-POINTS TECHNOLOGY CORPORATION
3 SADDLEBROOK DRIVE PHONE: (860)-663-1697
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM

PERMITTING DOCUMENTS

NO	DATE	REVISION
0	05/21/19	FOR REVIEW: RCB
1	09/20/19	CLIENT REVISIONS: RCB
2	01/24/20	CLIENT REVISIONS: RCB
3	01/28/20	CLIENT REVISIONS: RCB
4		
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810

HOMELAND TOWERS KENT

SITE ADDRESS: BALD HILL ROAD KENT, CT 06785

APT FILING NUMBER: CT283180

DATE: 05/20/19 | DRAWN BY: ELZ
CHECKED BY: RCB

SHEET TITLE:

SITE DETAILS

SHEET NUMBER:

C-2

FAA 1-A SURVEY CERTIFICATION

Applicant:	Homeland Towers 9th Harmony Street 2nd Floor Danbury, CT 06810
Site Name:	CT757 - KENT
Address:	Bald Hill Rd Kent, CT 06785-1319
Horizontal Datum:	NAD 83
Vertical Datum:	NAVD 88 (A.M.S.L.)
Structure Type:	Proposed Monopole
Latitude: **Longitude:**	41°- 43'-16.420" N NAD 83 73°- 25'-40.800" W NAD 83
Ground Elevation:	1300.0'± feet A.M.S.L.
Top of Proposed Monopole:	150.0'± feet A.G.L. (1450.0'± A.M.S.L.)

Certification:

I certify that the Latitude and Longitude noted hereon are accurate to within ± 3 feet horizontally and that the site elevation is accurate to within ± 1 foot vertically. The top of proposed Monopole height is 150.0'± feet A.G.L. (1450.0'± A.M.S.L.). The horizontal datum (coordinates) are in terms of the North American Datum of 1983 (NAD 83) and are expressed in degrees minutes and seconds to the nearest thousandth of a second. The vertical datum (heights) are in terms of the North American Vertical Datum of 1988 and expressed to the nearest tenth of a foot.

Company:	Martinez Couch and Associates L.L.C.
Signature:	
Surveyor/seal:	Angel R. Martinez L. S. 18833
Date:	May 20, 2019

STATE OF CONNECTICUT
ANGEL R. MARTINEZ
No. 18833
LICENSED
LAND SURVEYOR

(SEAL)

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-ANE-618-OE
Prior Study No.
2019-ANE-5033-OE

Issued Date: 02/11/2020

Christine Vergati
Homeland Towers, LLC
9 Harmony Street
2nd Floor
Danbury, CT 06810

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Monopole CT757 Kent Bald Hill
Location:	Kent, CT
Latitude:	41-43-16.42N NAD 83
Longitude:	73-25-40.80W
Heights:	1300 feet site elevation (SE) 174 feet above ground level (AGL) 1474 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 2.

This determination expires on 08/11/2021 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO

SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817) 222-4613, or natalie.schmalbeck@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-ANE-618-OE.

Signature Control No: 429032295-430393331 (DNE)
Natalie Schmalbeck
Technician

Attachment(s)
Frequency Data
Map(s)

cc: FCC

Frequency Data for ASN 2020-ANE-618-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

Verified Map for ASN 2020-ANE-618-OE