

Tab 3

ATTACHMENT 3

General Facility Description

183 Soundview Lane, New Canaan, Connecticut

Tax/PIN Identification: Map: 40 Block: 105 Lot: 74

4.05 Acre Parcel

The proposed tower site is located on an approximately 4.05-acre parcel located at 183 Soundview Lane owned by Keith S. and Marina O. Richey. It is classified in the 4-acre Residence Zoning District and is improved with a single-family residence, pool and tennis court. The proposed telecommunications facility includes an approximately 2,310 s.f. lease area located in the northwestern section of the host parcel.

The facility consists of a new self-supporting monopole designed to resemble a pine tree ("monopine") that is 85' in height with faux branches extending an additional 5' above the top of the pole, bringing the total height to approximately 90'. AT&T would install up to six (6) panel antennas and related equipment at a centerline height of 81' above grade level (AGL). The monopine 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 a steel platform within the 23' 6" x 75' fenced tower compound area at the base of the monopine. AT&T would also install a separate steel platform for an emergency backup power generator within the equipment compound.

The tower compound would consist of a 1,763 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 tall wood shadowbox fence. Vehicle access to the facility would be provided from Soundview Lane starting at the northeast portion of the cul-de-sac over a gravel access drive a distance of approximately 140' to the proposed compound. Utility connections would be routed underground along the access easement.



Site Evaluation Report

SITE EVALUATION REPORT NEW CANAAN NE CT027

I. LOCATION

- A. COORDINATES: 41° 11' 26.43" N
73° 29' 42.16" W
- B. GROUND ELEVATION: 502.3'± AMSL
- C. USGS MAP: USGS 7.5 quadrangle for Norwalk
- D. SITE ADDRESS: 183 Soundview Lane
New Canaan, CT 06840
- E. ZONING WITHIN ¼ MILE OF SITE: Abutting areas to the north, south, east and west are zoned 4 Acre Residence Zone.

II. DESCRIPTION

- A. SITE SIZE: 4.05 Ac (Vol 478 - Page 549)
LEASE AREA/COMPOUND AREA: 2,310 SF/1,763 SF
- B. TOWER TYPE/HEIGHT: A 90' Monopine.
- C. SITE TOPOGRAPHY AND SURFACE: Subject site slopes and decreases from west to east.
- D. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The proposed compound is located in the northwestern corner of a 4.05 acre residential parcel. To the north is St. Lukes school property. To the south, east and west are residential properties. There are off-site wetlands located 420'± east of the proposed compound.
- E. LAND USE WITHIN ¼ MILE OF SITE: Residential properties to the south, east and west. St. Lukes school to the north.

III. FACILITIES

- A. POWER COMPANY: Eversource

- B. POWER PROXIMITY TO SITE: 150'±
- C. TELEPHONE COMPANY: Frontier
- D. PHONE SERVICE PROXIMITY: 150'±
- E. VEHICLE ACCESS TO SITE: Access to the proposed telecommunication facility will be along a proposed gravel access driveway (140'+/-).
- F. OBSTRUCTION: None.
- G. CLEARING AND FILL REQUIRED: Total area of disturbance is 8,700 sf.; 24 trees will need to be removed. The site improvements shall entail approximately 60 CY of cut for utility trenching and net 130 CY of fill for the construction of the compound and access driveway. Approximately 60 CY of broken stone is needed for the compound and driveway construction.

IV. LEGAL

- A. PURCHASE [] LEASE [X]
- B. OWNER: Keith S. & Marina O. Richey
- C. ADDRESS: 183 Soundview Lane, New Canaan, CT 06840
- D. DEED ON FILE AT: Volume 478 - Page 549

Facilities and Equipment Specification

I. TOWER SPECIFICATIONS:

- A. MANUFACTURER: To be determined
- B. TYPE: Self-Supporting monopine tower
- C. HEIGHT: 85' AGL (with 5' faux branches extending to 90')
DIMENSIONS: Tower structure tapered
- D. TOWER LIGHTING: None required.

II. TOWER LOADING:

- A. AT&T - up to 6 panel antennas
 - a. Model - TBD
 - b. Antenna Dimensions - approximately 96"H x 12"W x 9"D
 - c. Position on Tower - 81' centerline AGL
 - d. Transmission Lines - DC and Fiber lines internal to tower.
 - e. (9) Remote Radio Units on proposed antenna mounts
- B. Future Carriers - To be determined

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The tower will be designed in accordance with American National Standards Institute TIA/EIA-222-G "Structural Standards for Steel Antenna Towers and Antenna Support Structures" and the 2012 International Building Code with 2016 Building Code Amendment. The foundation design would be based on soil conditions at the site. The details of the tower and foundation design will be provided as part of the final D&M plan.



Site Impact Statement

Site: New Canaan NE CT027
Site Address: 183 Soundview Lane
New Canaan, CT 06840

Access distances:

Distance of proposed gravel access driveway: (140'+/-).

Distance to Nearest Wetlands

420'+/- east of the proposed compound.

Distance to Property Lines:

38'+/- to the northern property boundary from the tower
318'+/- to the southern property boundary from the tower
78'+/- to the western property boundary from the tower
347'+/- to the eastern property boundary from the tower

20'+/- to the northern property boundary from the compound
314'+/- to the southern property boundary from the compound
60'+/- to the western property boundary from the compound
305'+/- to the eastern property boundary from the compound

Residence Information:

There are 8 single family residences within 1,000' feet of the compound. The closest off site residence is approximately 360 feet to the east and is located at Parcel 40-105-75 (173 Soundview Lane).

Special Building Information:

None.

Tree Removal Count:

24 trees need to be removed to improve the access driveway and construct the compound area.

6" - 10" dbh	12 trees
10" - 14" dbh	3 trees
14" or greater dbh	9 trees

Cut/Fill: The site improvements shall entail approximately 60 CY of cut for utility trenching and net 130 CY of fill for the construction of the compound and access driveway. Approximately 60 CY of broken stone is needed for the compound and driveway construction.

Clearing/Grading Necessary: Total area of disturbance = 8,700+/- SF



Tree Inventory

August 29, 2019

Cuddy & Feder, LLP
Attn: Lucia Chiocchio
445 Hamilton Avenue
14th Floor
White Plains, NY 10601

RE: Tree Inventory
Site: New Canaan NE CT027
183 Soundview Lane
New Canaan, CT 06840

Dear Ms. Chiocchio:

A Tree Inventory was completed at the subject site on May 24, 2019 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 will require clearing and earthwork to construct the access driveway and to construct the compound area. Installation of the proposed compound area and access driveway will require the removal of 24 trees.

6" – 10" dbh	- 12 tree
10" – 14" dbh	- 3 trees
14" or greater dbh	- 9 trees

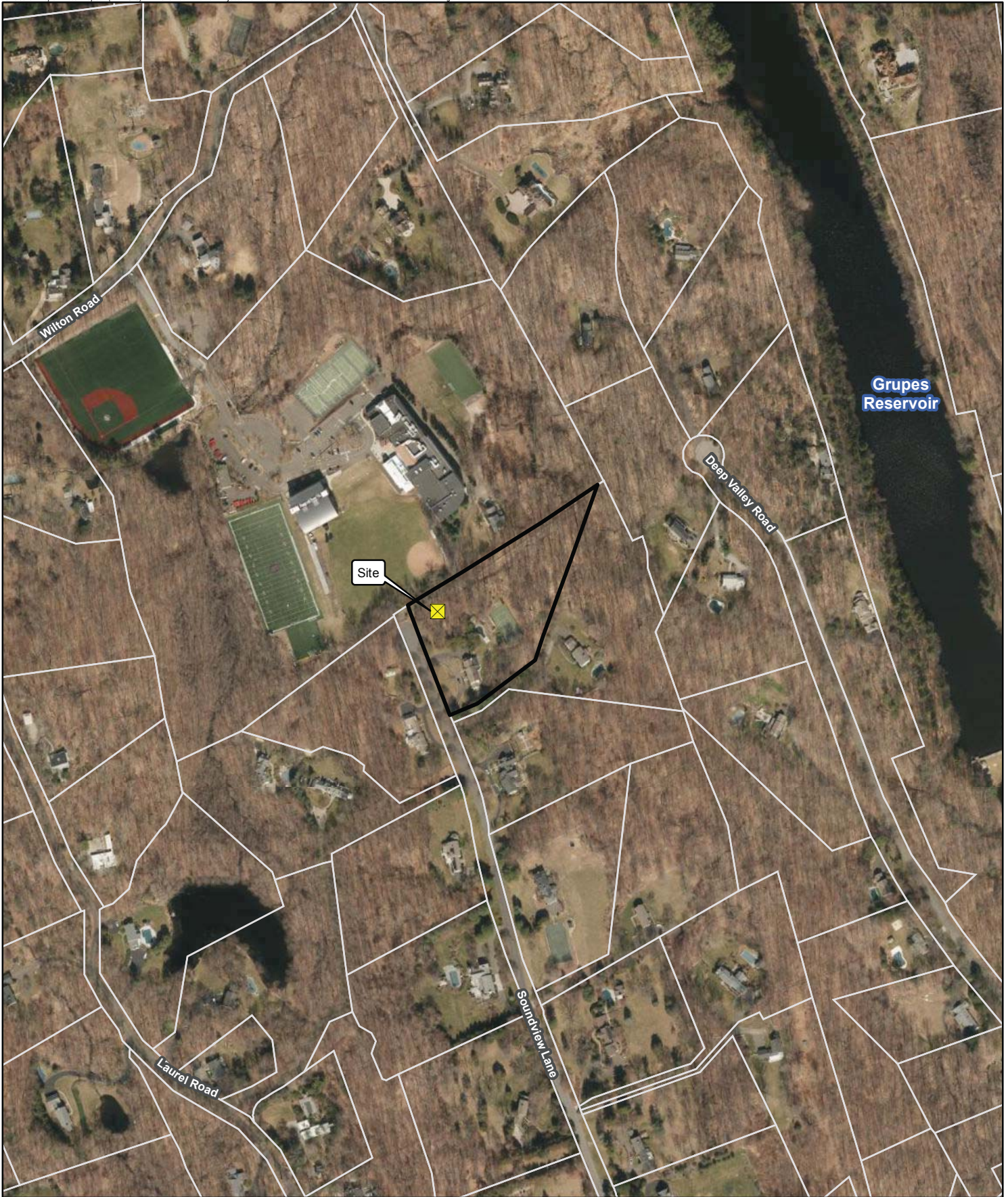
The area to be disturbed for construction of the compound area will be approximately 2,310 square feet of interior area currently vacant. A new access driveway will be installed to connect to the proposed compound. The total combined area of disturbance for compound, access drive, and utility improvements is 8,700 sf.

Sincerely,




ALL-POINTS TECHNOLOGY CORPORATION, P.C.

Robert C. Burns, P.E.
Program Manager

Tab 4

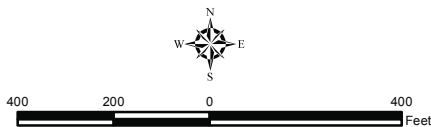


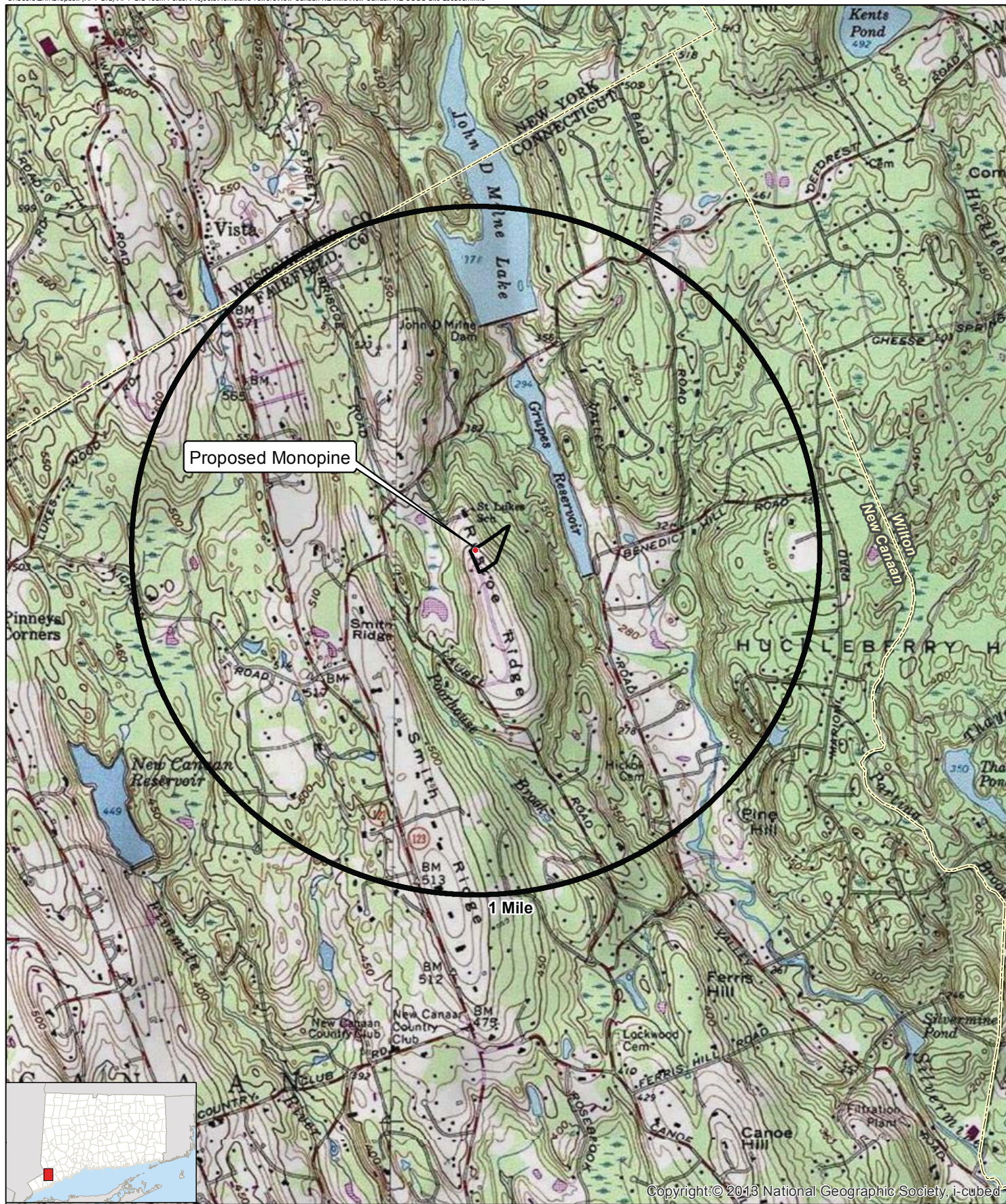
Legend

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

Site Location Map

Proposed Wireless Telecommunications Facility
183 Soundview Lane
New Canaan, Connecticut





Proposed Monopine

1 Mile

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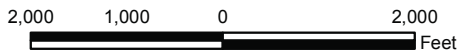
Legend

- Site
- Proposed Monopine
- Municipal Boundary
- 1-Mile Radius

Site Location Map

Proposed Wireless Telecommunications Facility
183 Soundview Lane
New Canaan, Connecticut

Map Notes:
Base Map Source: USGS 7.5 Minute Topographic Quadrangle Maps:
Norwalk North (1975), CT
Map Scale: 1 inch = 2,000 feet
Map Date: July 2019





HOMELAND TOWERS, LLC

WIRELESS TELECOMMUNICATIONS FACILITY

NEW CANAAN NORTHEAST 183 SOUNDVIEW LANE NEW CANAAN, CT 06840

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	08/29/19	FOR REVIEW: RCB
1	09/04/19	CLIENT COMMENTS: RCB
2	01/09/20	CLIENT COMMENTS: RCB
3	01/14/20	CLIENT COMMENTS: RCB
4	01/21/20	CLIENT COMMENTS: RCB
5	01/21/20	CLIENT COMMENTS: RCB
6	01/24/20	CLIENT COMMENTS: RCB

DRAWING INDEX

T-1 TITLE SHEET & INDEX

VB-101 & VB102 BOUNDARY & TOPOGRAPHIC 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: 183 SOUNDVIEW LANE
NEW CANAAN, CT 06840

PROJECT DESCRIPTION: RAWLAND SITE W/ GROUND
EQUIPMENT WITHIN 2,310 SF
TELECOMMUNICATIONS LEASE AREA
W/ NEW 90'± AGL MONOPINE.

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

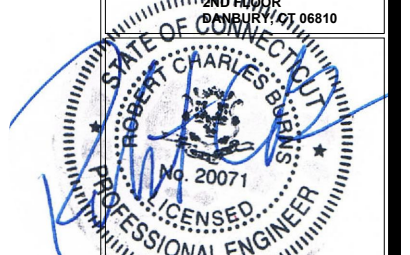
LATITUDE: 41° 11' 26.43"N
LONGITUDE: 73° 29' 42.16"W
ELEVATION: 502.3± AMSL

MAP: 40
BLOCK: 105
LOT: 74
ZONE: 4 ACRE RESIDENCE ZONE

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
NEW CANAAN NORTHEAST

SITE 183 SOUNDVIEW LANE
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283450

DATE: 08/29/19 DRAWN BY: ELZ

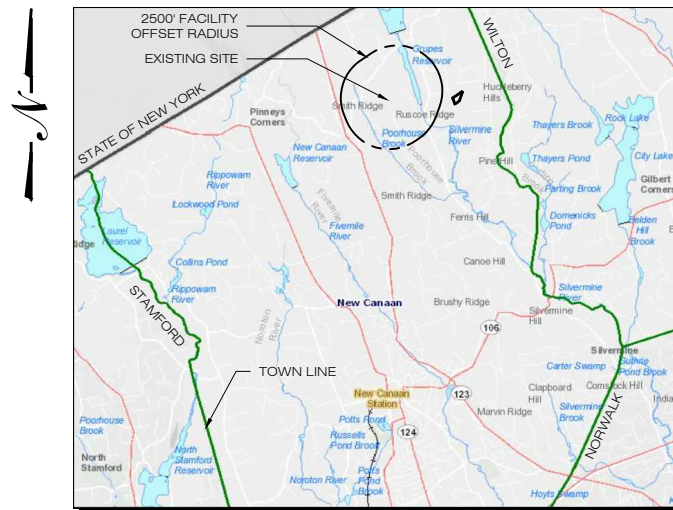
CHECKED BY: RCB

SHEET TITLE:

TITLE SHEET
& INDEX

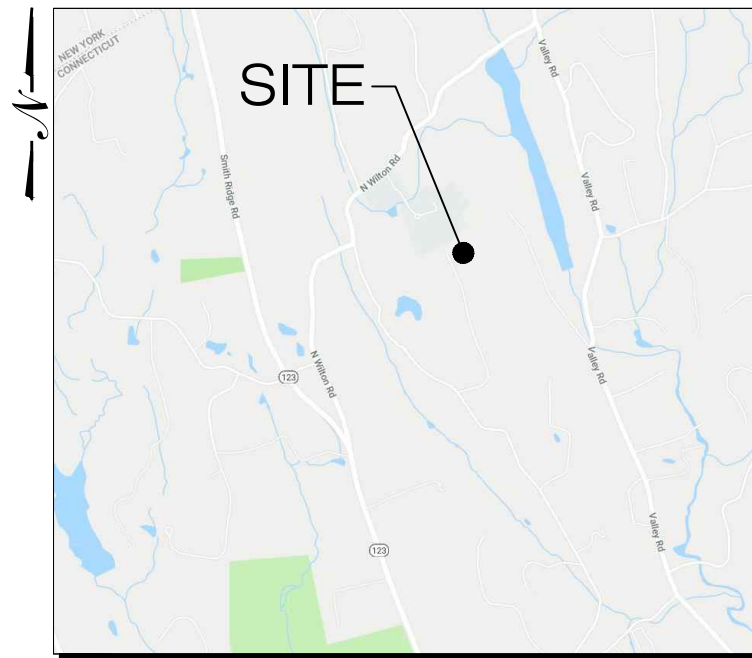
SHEET NUMBER:

T-1



MUNICIPAL NOTIFICATION LIMIT MAP

SCALE: 1" = 1 Mile



VICINITY MAP

SCALE: 1" = 500'

OWNER:

KEITH S. & MARINA O. RICHEY
183 SOUNDVIEW LANE
NEW CANAAN, CT 06840

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:

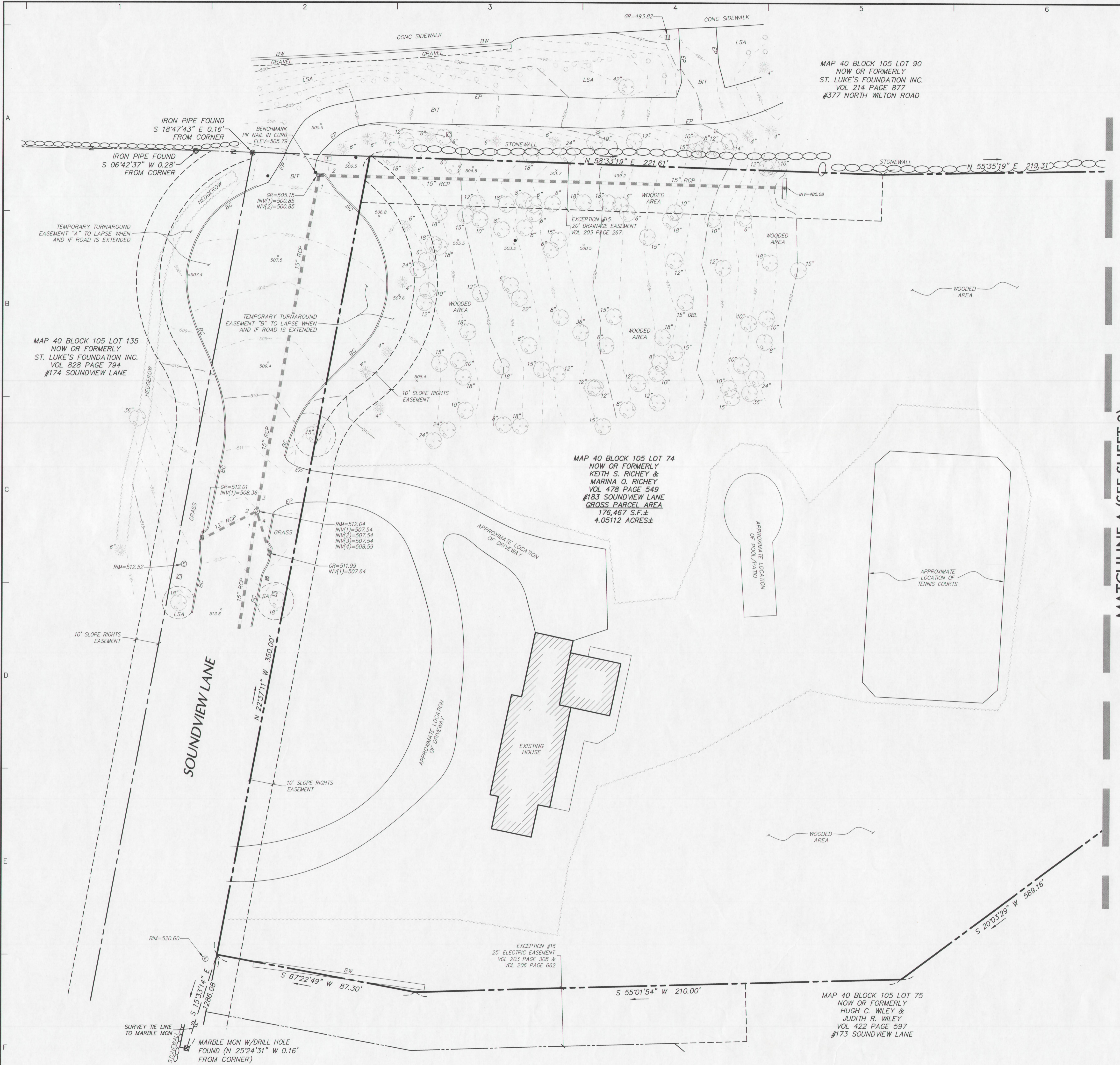
FRONTIER (800) 921-8102

CALL BEFORE YOU DIG:

(800) 922-4455

GOVERNING CODES:

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

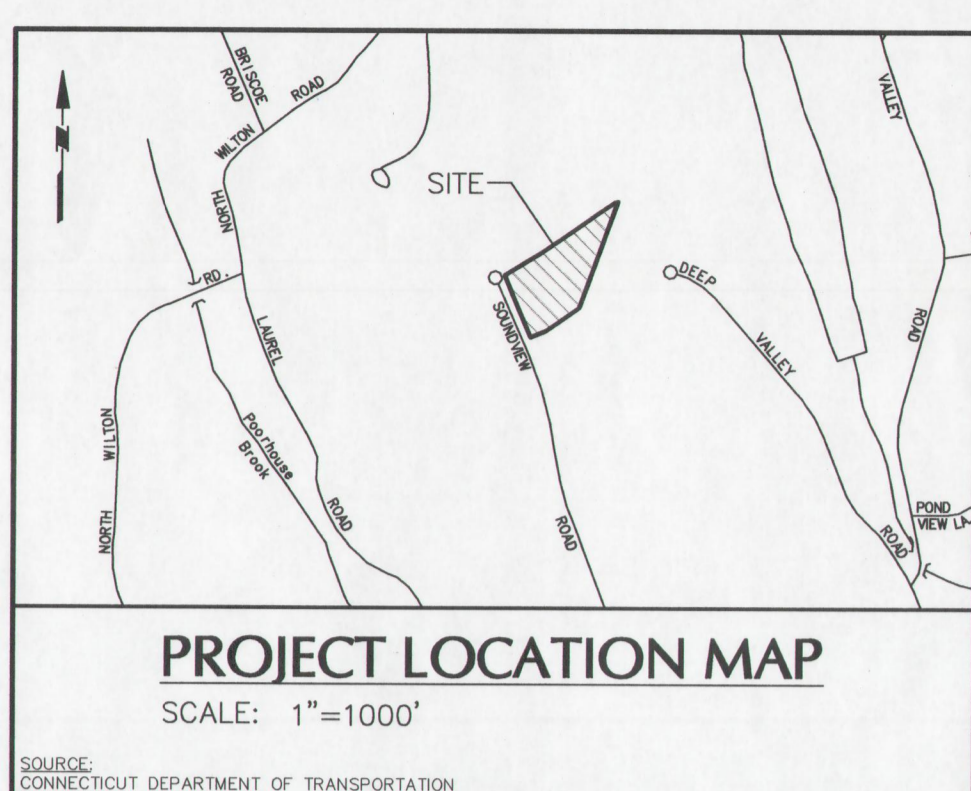


MAP 40 BLOCK 105 LOT 90
 NOW OR FORMERLY
 ST. LUKE'S FOUNDATION INC.
 VOL 214 PAGE 877
 #377 NORTH WILTON ROAD

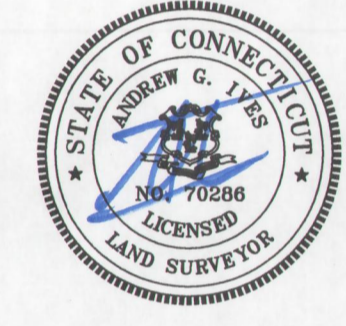
MAP 40 BLOCK 105 LOT 135
 NOW OR FORMERLY
 ST. LUKE'S FOUNDATION INC.
 VOL 828 PAGE 794
 #174 SOUNDVIEW LANE

MAP 40 BLOCK 105 LOT 74
 NOW OR FORMERLY
 KEITH S. RICHEY &
 MARINA O. RICHEY
 VOL 478 PAGE 549
 #183 SOUNDVIEW LANE
 GROSS PARCEL AREA
 176,467 S.F.±
 4.05112 ACRES±

MAP 40 BLOCK 105 LOT 75
 NOW OR FORMERLY
 HUGH C. WILEY &
 JUDITH R. WILEY
 VOL 422 PAGE 597
 #173 SOUNDVIEW LANE



- LEGEND** (NOT SHOWN TO SCALE)
- BOLLARD
 - MAILBOX
 - SIGN
 - SHRUB
 - TREE
 - CATCH BASIN
 - ELECTRIC BOX
 - COMMUNICATIONS BOX
 - ⊙ LIGHT POLE
 - ⊙ MANHOLE (TYPE AS LABELED)
 - ⊙ SPOT ELEVATION
 - BIT BITUMINOUS
 - CONC CONCRETE
 - LSA LANDSCAPED AREA
 - BW BOTTOM OF WALL
 - EP EDGE OF PAVEMENT
 - BC BITUMINOUS CURB
 - CHAINLINK FENCE
 - TREE LINE
 - EASEMENT LINE
 - PROPERTY LINE
 - RIGHT-OF-WAY LINE
 - CONTOUR LINE



MATCHLINE A (SEE SHEET 2)

Date	Description	No.
REVISIONS		
"TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."		
<i>AGI</i> 6/15/2019		
ANDREW G. IVES		DATE SIGNED
PROFESSIONAL LAND SURVEYOR		CT STATE LIC. NO. 70286

LANGAN

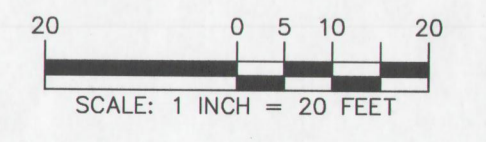
Langan CT, Inc.
 555 Long Wharf Drive
 New Haven, CT 06511

T: 203.562.5771 F: 203.789.6142 www.langan.com

Project
183 SOUNDVIEW LANE
 NEW CANAAN CONNECTICUT

BOUNDARY & TOPOGRAPHIC SURVEY

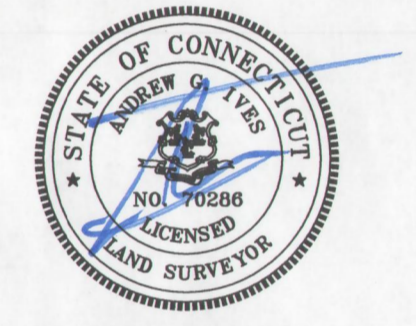
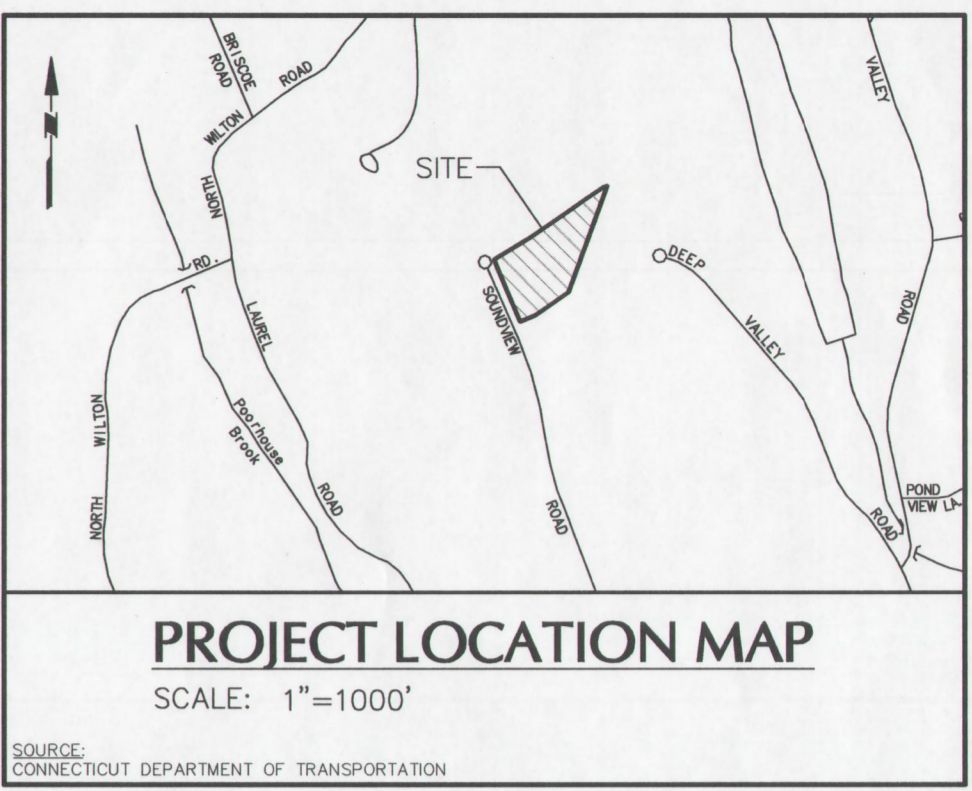
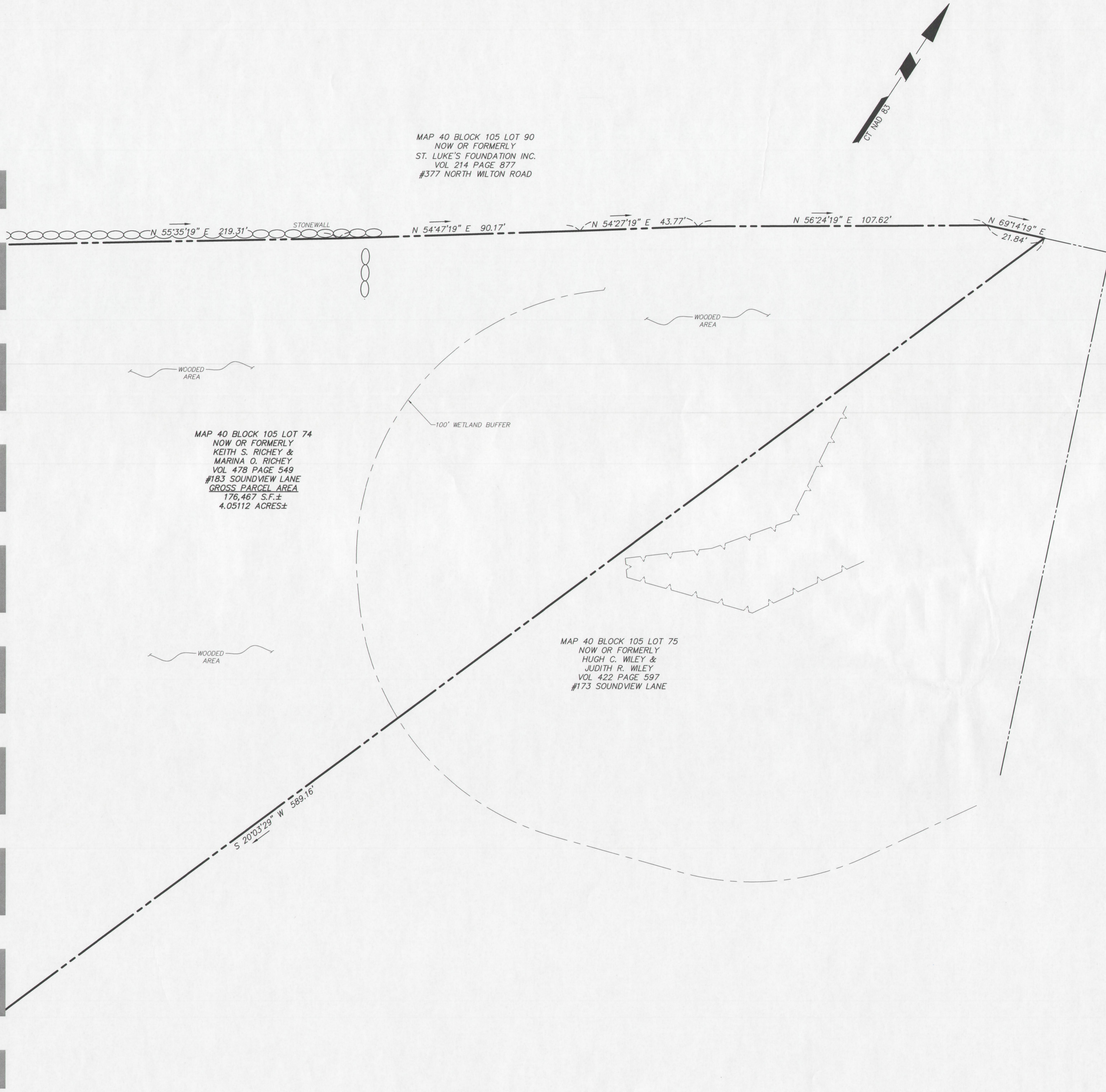
Project No. 140205701	Drawing No. VB101
Date MAY 24, 2019	
Drawn By JIS	
Checked By AGI	



NOTES

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
 - a. THIS SURVEY IS A PROPERTY SURVEY CONFORMING TO A HORIZONTAL ACCURACY OF A-2 AND A TOPOGRAPHIC SURVEY CONFORMING TO A T-2 ACCURACY. THE BOUNDARY DETERMINATION IS A RESURVEY. THE PURPOSE OF THIS SURVEY IS TO PROVIDE A BOUNDARY OPINION AND DEPICT SITE FEATURES FOR FUTURE SITE DEVELOPMENT.
2. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND THE FOLLOWING REFERENCES:
 - A. COMMITMENT FOR TITLE INSURANCE ISSUED BY SOUND TITLE, LLC. FILE NUMBER: ST25031, EFFECTIVE: DATE JULY 24, 2017, EXCEPT AS HEREINAFTER SET FORTH:
 1. NOT SURVEY RELATED.
 2. SURVEY PROVIDED.
 - 3-5. NOT SURVEY RELATED.
 6. RIGHTS MAY EXIST.
 - 7-8. NOT SURVEY RELATED.
 9. SURVEY PROVIDED.
 - 10-14. NOT SURVEY RELATED.
 15. DRAINAGE EASEMENT AS DEFINED IN VOL 203 PAGE 267. DEPICTED ON SURVEY.
 16. ELECTRIC EASEMENT AS DEFINED IN VOL 203 PAGE 308 AND VOL 206 PAGE 662. DEPICTED ON SURVEY.
 17. MAP REFERENCED IN NOTE 2B OF SURVEY.
 - B. MAP TITLED "RE-SUBDIVISION MAP #5336 PREPARED FOR JOHN P. CRETELLA NEW CANAAN, CONNECTICUT FOUR ACRE RESIDENCE ZONE TOTAL AREA (NEW LOTS ONLY) = 47.361 ACRES (EXCLUDING ROADWAY)", SCALE: 1"=100', DATED: JUNE 27, 1969
 - C. MAP TITLED "MAP #6815 SHOWING EXCHANGE OF PROPERTY BETWEEN KENNETH G. TROPIN & KATHLEEN O. TROPIN AND JOHN E. COX & NANCY E. COX NEW CANAAN, CONNECTICUT", SCALE: 1"=100', DATED: JULY 13, 1993, BY: MOODY & O'BRIEN, SURVEYORS
 - D. MAP TITLED "COMPILATION PLAN DEPICTING CONSOLIDATION OF PROPERTY AT ST. LUKE'S SCHOOL IN NEW CANAAN, CONNECTICUT PREPARED FOR ST. LUKE'S FOUNDATION INC.", SCALE: 1"=100', DATED: DECEMBER 14, 2010, BY: ROCCO V. D'ANDREA, INC., MAP #7522
 - E. MAP TITLED "ZONING LOCATION SURVEY DEPICTING ST. LUKE'S SCHOOL LOCATED AT 377 NORTH WILTON ROAD IN NEW CANAAN, CONNECTICUT PREPARED FOR ST. LUKE'S FOUNDATION, INC." SCALE: 1"=100', DATED: JULY 1, 2010, LAST REVISED: AUGUST 9, 2017, BY: ROCCO V. D'ANDREA, INC., MAP #7726
3. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO CONNECTICUT STATE PLANE COORDINATE SYSTEM NAD 83 AS ESTABLISHED THROUGH GPS METHODS.
4. ELEVATIONS SHOWN ARE REFERENCED TO NAVD 88 ESTABLISHED THROUGH GPS METHODS.
5. PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN CT, INC. FIELD WORK COMPLETED DURING THE MONTH OF MAY 2019.
6. AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "FAIRFIELD COUNTY, CONNECTICUT, PANEL 378 OF 626, MAP NUMBER: 09001C0378F, EFFECTIVE DATE: JUNE 18, 2010" THE PROJECT AREA IS IN ZONE X (UNSHADED).
7. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND LOCATIONS WHERE DATA IS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.
8. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.
9. UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.
10. ALL BUILDINGS AND STRUCTURES WERE LOCATED AND MEASURED AT GROUND LEVEL. THE SURVEYOR MAKES NO DETERMINATIONS OR GUARANTEES AS TO THE ABSENCE, EXISTENCE OR LOCATION OF UNDERGROUND STRUCTURES, FOUNDATIONS, FOOTINGS, PROJECTIONS, WALLS, TANKS, SEPTIC SYSTEMS, ETC. NO TEST PITS, EXCAVATIONS OR GROUND PENETRATING RADAR WERE PERFORMED AS PART OF THIS SURVEY.
11. WETLANDS WERE DELINEATED IN JUNE 2019 BY ALL-POINTS TECHNOLOGY CORP., P.C.
12. PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
13. THIS SURVEY IS NOT VALID WITHOUT THE EMBOSSED OR INKED SEAL OF THE PROFESSIONAL.

MATCHLINE A (SEE SHEET 1)



06/05/19	ADD WETLANDS INFORMATION	1
Date	Description	No.

REVISIONS

"TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."

Andrew G. Ives 6/5/2019
ANDREW G. IVES DATE SIGNED
PROFESSIONAL LAND SURVEYOR
CT STATE LIC. NO. 70286

LANGAN

Langan CT, Inc.
555 Long Wharf Drive
New Haven, CT 06511

T: 203.562.5771 F: 203.789.6142 www.langan.com

Project

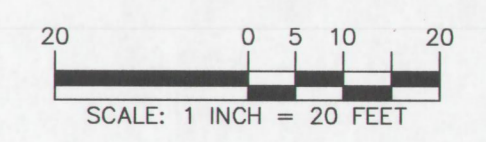
183 SOUNDVIEW LANE

NEW CANAAN CONNECTICUT

Drawing Title

BOUNDARY & TOPOGRAPHIC SURVEY

Project No.	Drawing No.
140205701	VB102
Date	
MAY 24, 2019	
Drawn By	
JJS	
Checked By	
AGI	
Sheet 2 of 2	



SITE AREAS & VOLUMES OF EARTHWORK

SITWORK ENTAILS APPROXIMATELY NET 130 CUBIC YARDS OF FILL. THE COMPOUND AND ROADWAY WILL IMPORT APPROXIMATELY 60 CUBIC YARDS OF CLEAN BROKEN STONE. THE UTILITY TRENCH FROM THE DEMARC TO THE COMPOUND WILL EXCAVATE APPROXIMATELY 60 CUBIC YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL THE TRENCH.

COMPOUND AREA SLOPES:
 EXISTING - 10%
 PROPOSED - 4.5%

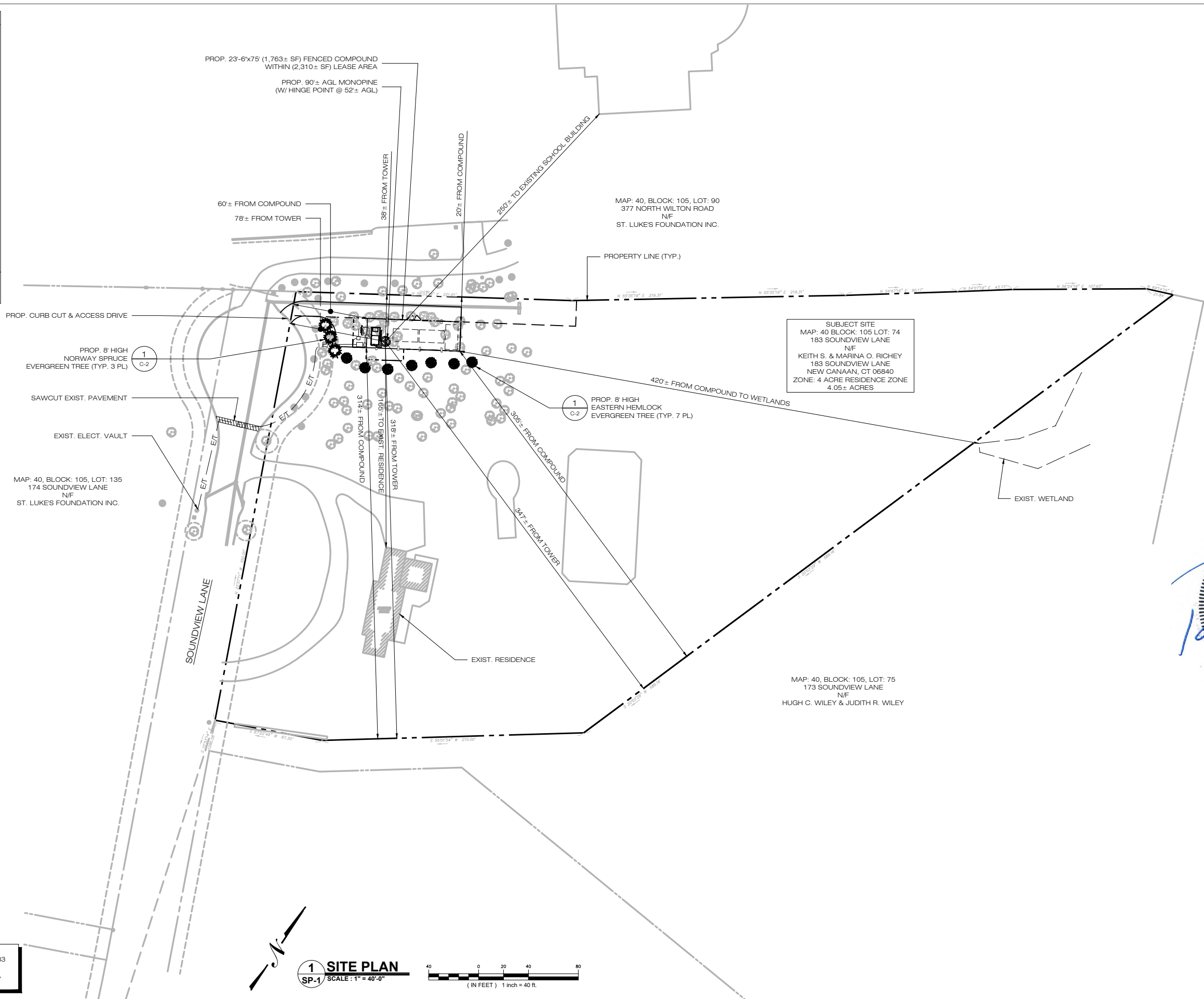
TOTAL AREA OF DISTURBANCE = 8,700± SF

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

STORMWATER VOLUME:
 PROPOSED IMPERVIOUS AREA = 4,067 SF
 WATER QUALITY STD VOLUME (1") = 339 CF
 STORAGE VOLUME (6" DEPTH, 40% VOIDS) = 353 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:
 24 TREES WILL NEED TO BE REMOVED IN CONSTRUCTION OF THE FACILITY. (SEE 1/CP-1)



LEGEND

--- PROPERTY LINE
 - - - - - PROPERTY LINE (ABUTTERS)
 E/T --- PROP. UNDERGROUND ELECTRICAL/TELCO.

MAP REFERENCES:
 1. "VB-101 & 102, BOUNDARY & TOPOGRAPHIC SURVEY"; 183 SOUNDVIEW LANE, NEW CANAAN, CT; PREPARED BY LANGAN CT, INC. 555 LONG WHARF DRIVE, NEW HAVEN, CT 06511; DATED MAY, 24, 2019

1 SITE PLAN
 SP-1 SCALE: 1" = 40'-0"
 (IN FEET) 1 inch = 40 ft.

H
 HOMETOWN 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.ALLPOINTS TECH.COM

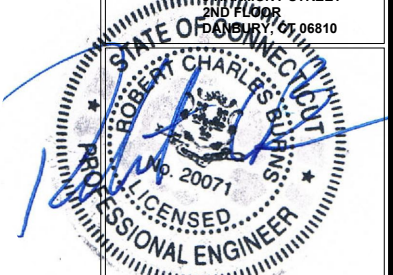
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NO	DATE	REVISION
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1	09/04/19	CLIENT COMMENTS: RCB
2	01/09/20	CLIENT COMMENTS: RCB
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4	01/21/20	CLIENT COMMENTS: RCB
5	01/21/20	CLIENT COMMENTS: RCB
6	01/24/20	CLIENT COMMENTS: RCB

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



HOMETOWN TOWERS
NEW CANAAN NORTHEAST

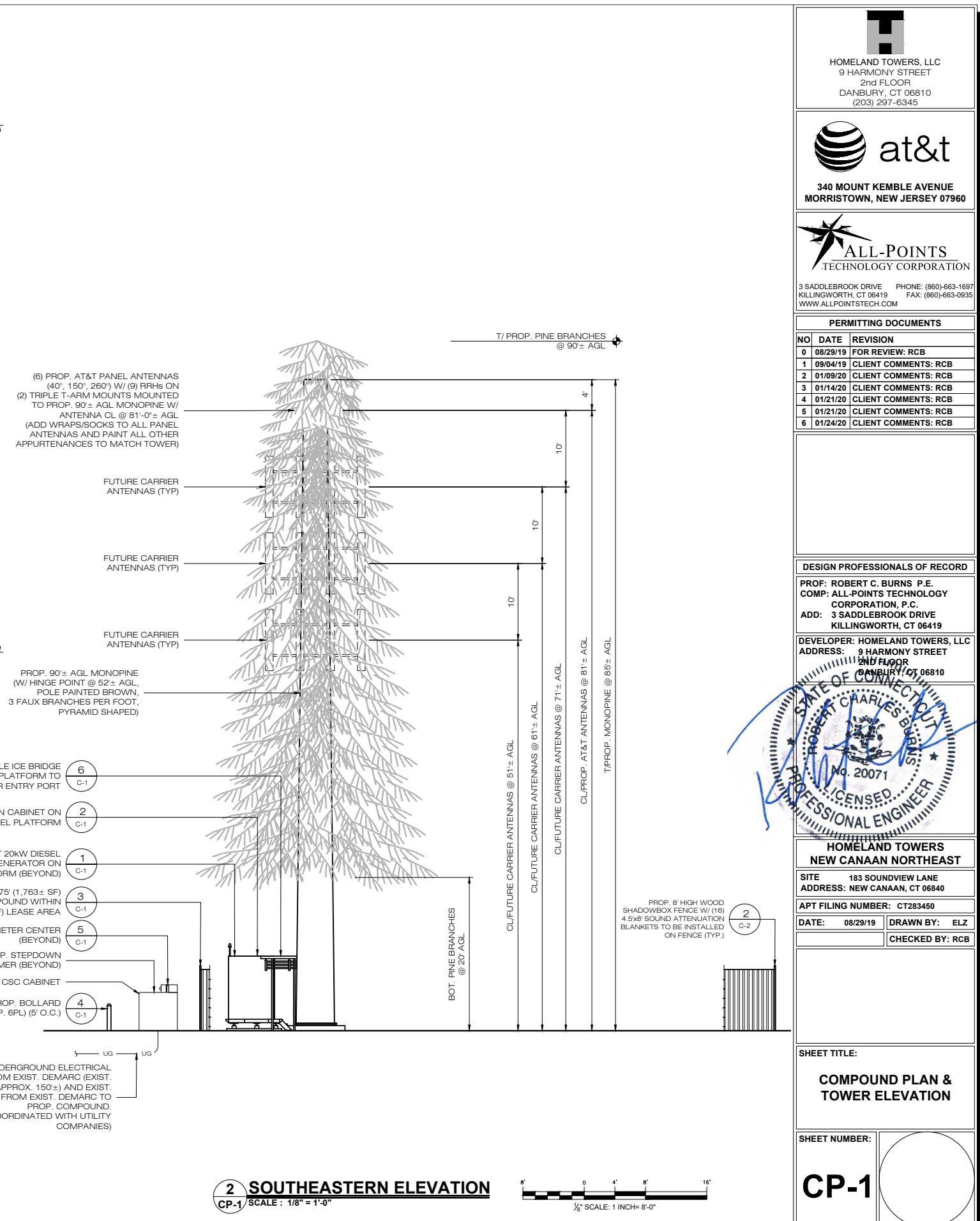
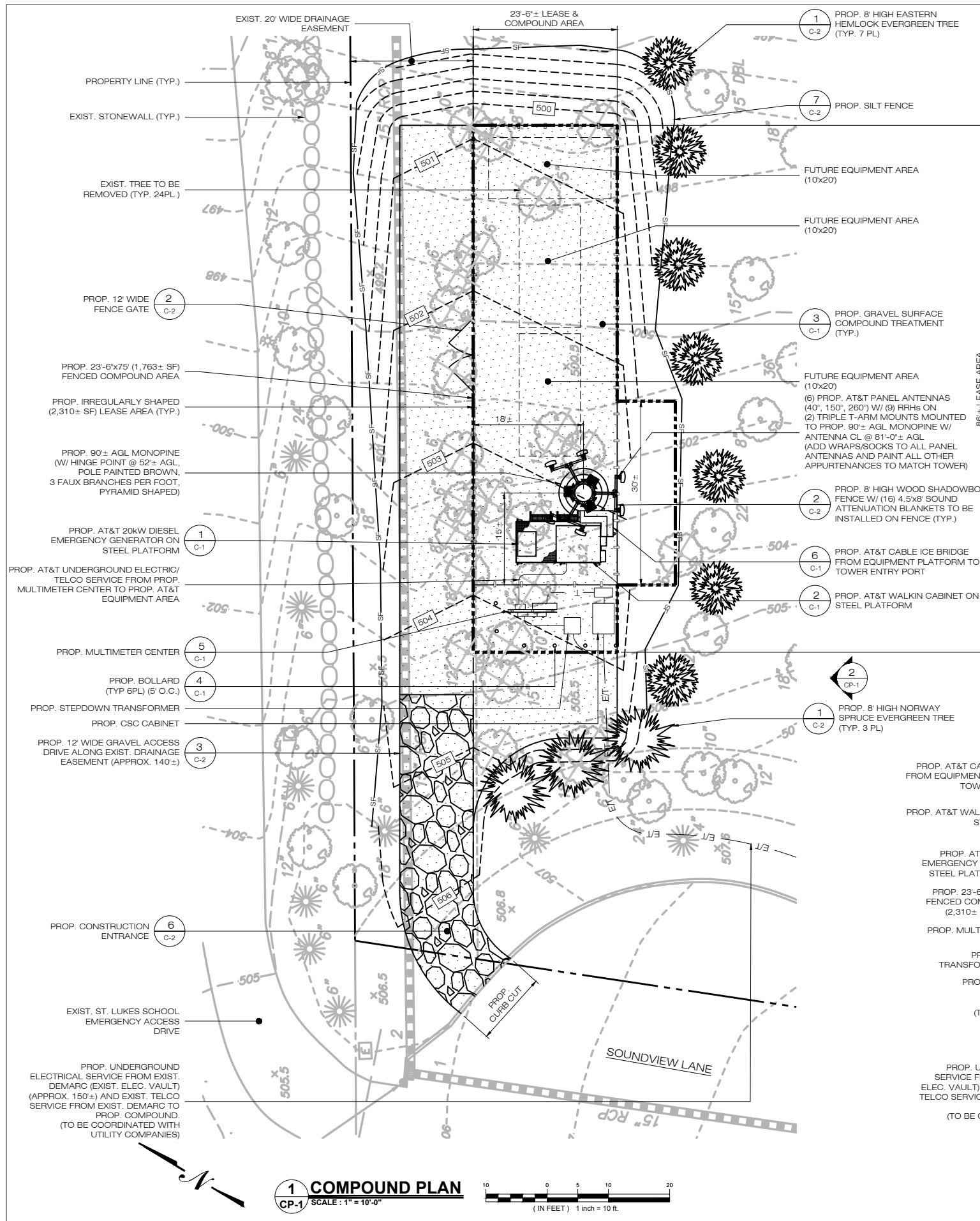
SITE 183 SOUNDVIEW LANE
 ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283450

DATE: 08/29/19 DRAWN BY: ELZ
 CHECKED BY: RCB

SHEET TITLE:
SITE PLAN & ABUTTERS MAP

SHEET NUMBER:
SP-1



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

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

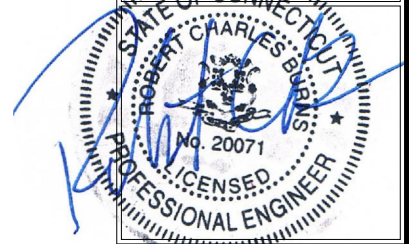
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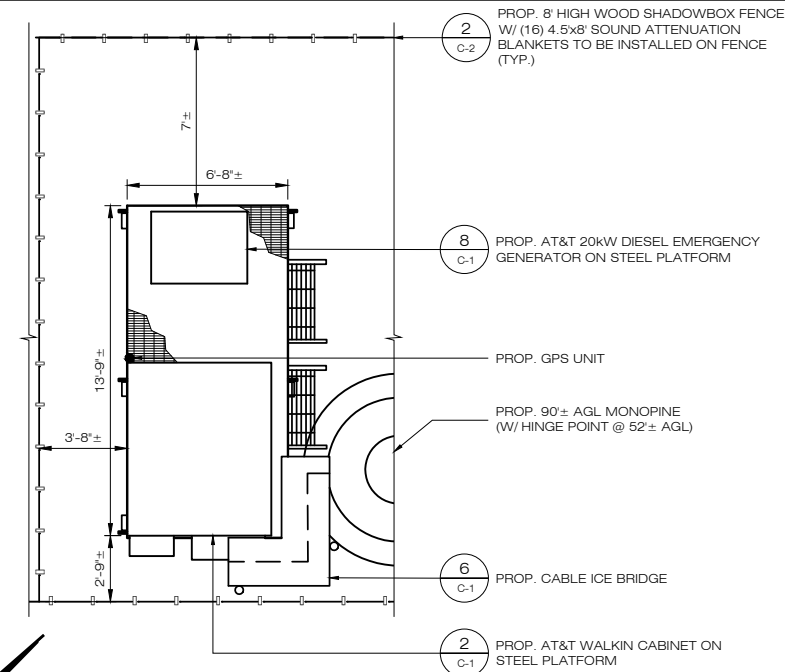
DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810



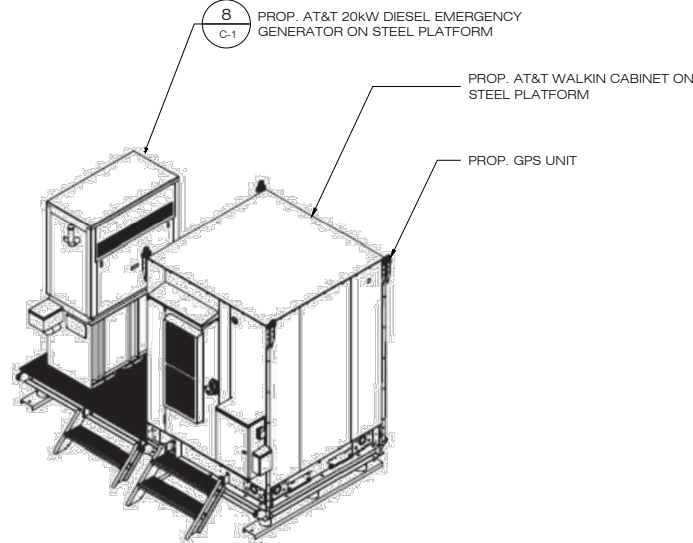
HOMELAND TOWERS
NEW CANAAN NORTHEAST
SITE 183 SOUNDVIEW LANE
ADDRESS: NEW CANAAN, CT 06840
APT FILING NUMBER: CT283450
DATE: 08/29/19 DRAWN BY: ELZ
CHECKED BY: RCB

SHEET TITLE:
COMPOUND PLAN & TOWER ELEVATION

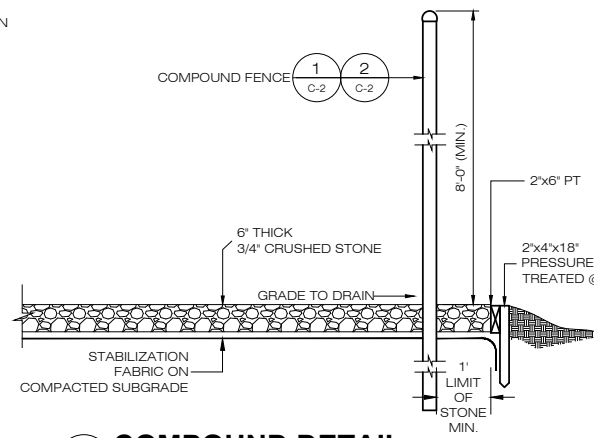
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CP-1



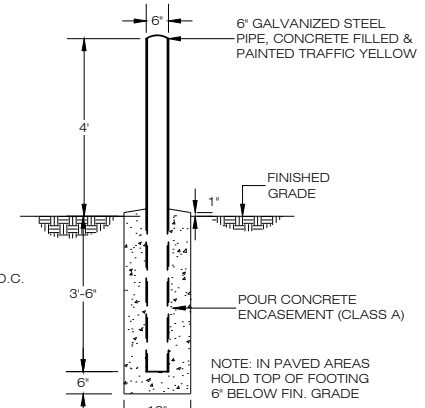
1 AT&T EQUIPMENT AREA
C-1 SCALE: 1/4" = 1'-0"



2 AT&T WALKIN CABINET
C-1 SCALE: N.T.S.



3 COMPOUND DETAIL
C-1 SCALE: N.T.S.

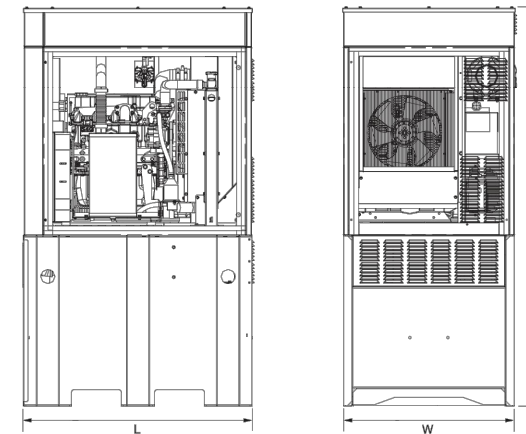


4 BOLLARD DETAIL
C-1 SCALE: N.T.S.

SDC20 | 2.5L | 20 kW - AC
INDUSTRIAL DIESEL GENERATOR SET

GENERAC INDUSTRIAL
Model G007098-0 (Steel)

EPA Certified Stationary Emergency
DIMENSIONS AND WEIGHTS*

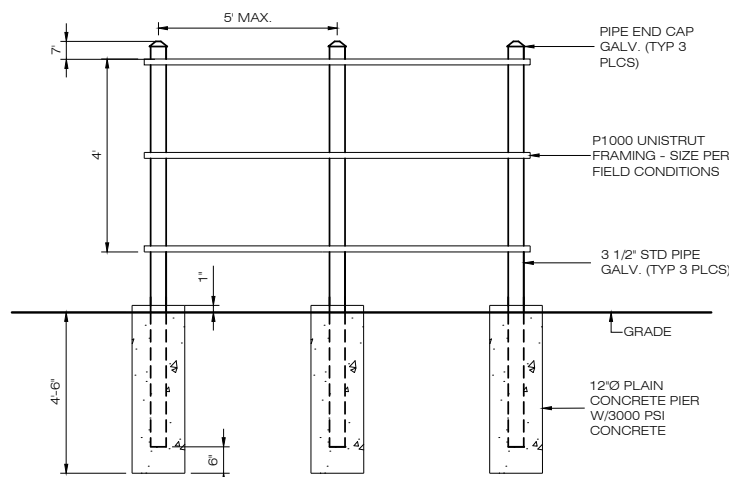


Level 2 Sound Attenuation Enclosure

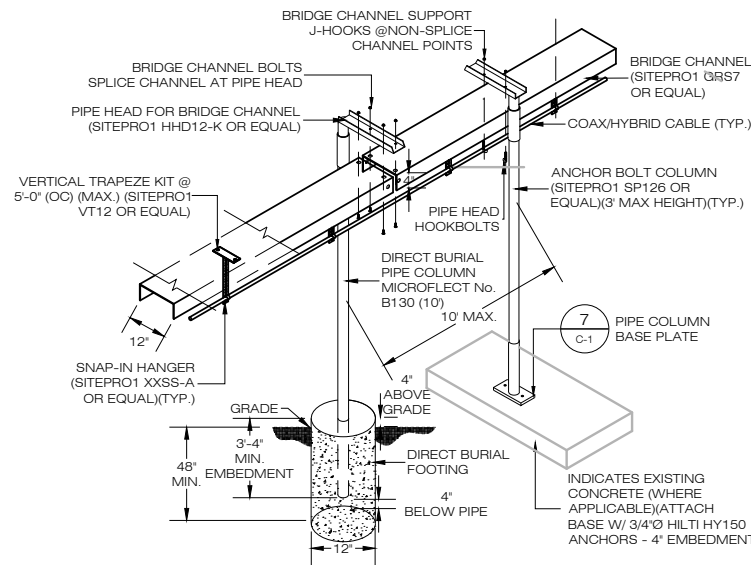
Run Time Hours	48
Usable Capacity Gal (L)	92 (348.2)
L x W x H in (mm)	48 x 36 x 90 (1219.2 x 914.4 x 2286)
Weight lbs (kg)	2400 (1089)
Sound Level	71 dBA

* All measurements are approximate and for estimation purposes only.

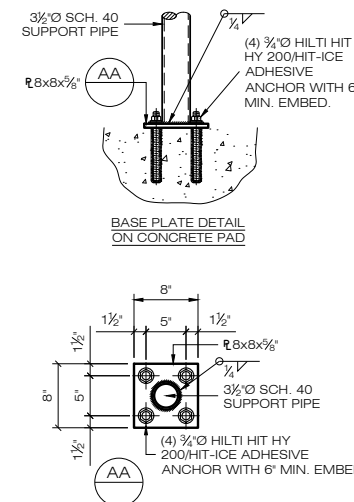
YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER



5 UTILITY BACKBOARD FRAME DETAIL
C-1 SCALE: N.T.S.



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



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

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.
Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189
P: (262) 544-4811 ©2016 Generac Power Systems, Inc. All rights reserved. All specifications are subject to change without notice. Document No. 10000009019 Rev. WIP 11/04/16

8 GENERATOR
C-1 SCALE: N.T.S.

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

at&t
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DEVELOPER: HOMELAND TOWERS, LLC
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HOMELAND TOWERS
NEW CANAAN NORTHEAST

SITE 183 SOUNDVIEW LANE
ADDRESS: NEW CANAAN, CT 06840

APT FILING NUMBER: CT283450

DATE: 08/29/19 DRAWN BY: ELZ

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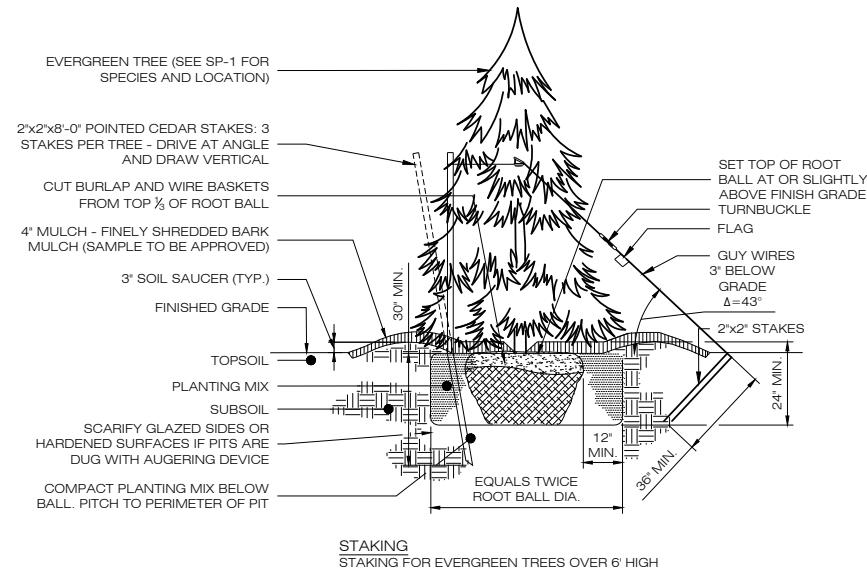
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SITE DETAILS

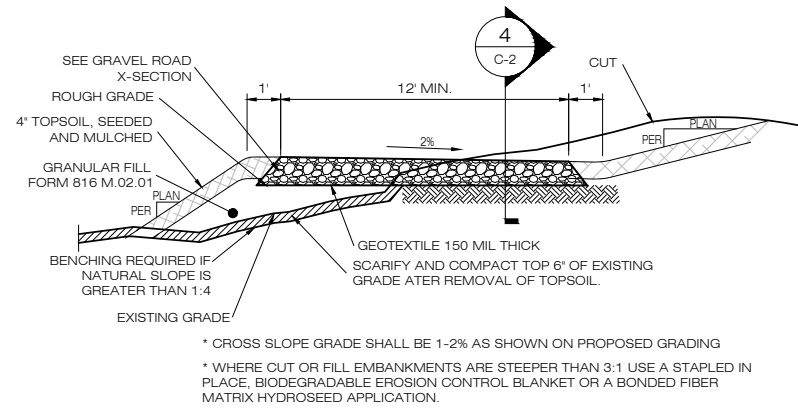
SHEET NUMBER:

C-1

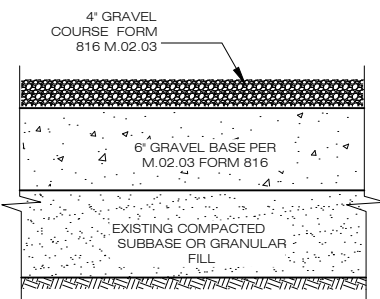
SPECS SHEET 5 of 5



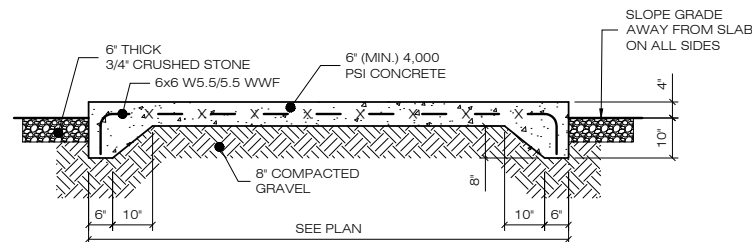
1 EVERGREEN TREE PLANTING
C-2 SCALE: N.T.S.



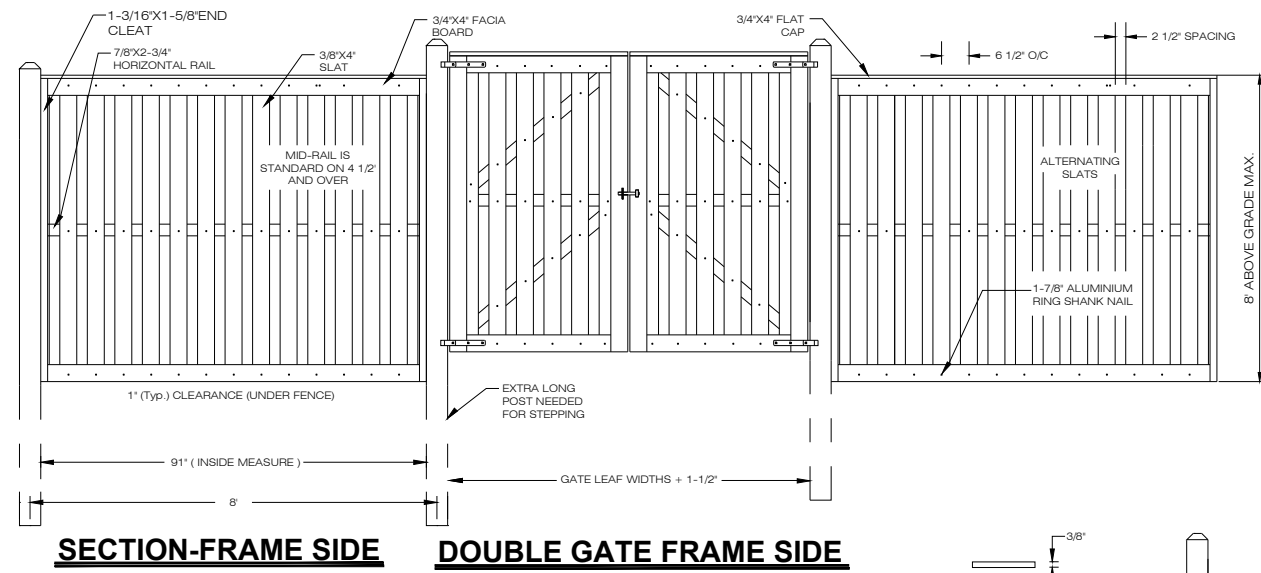
3 TYPICAL ROAD CROSS SECTION
C-2 SCALE: N.T.S.



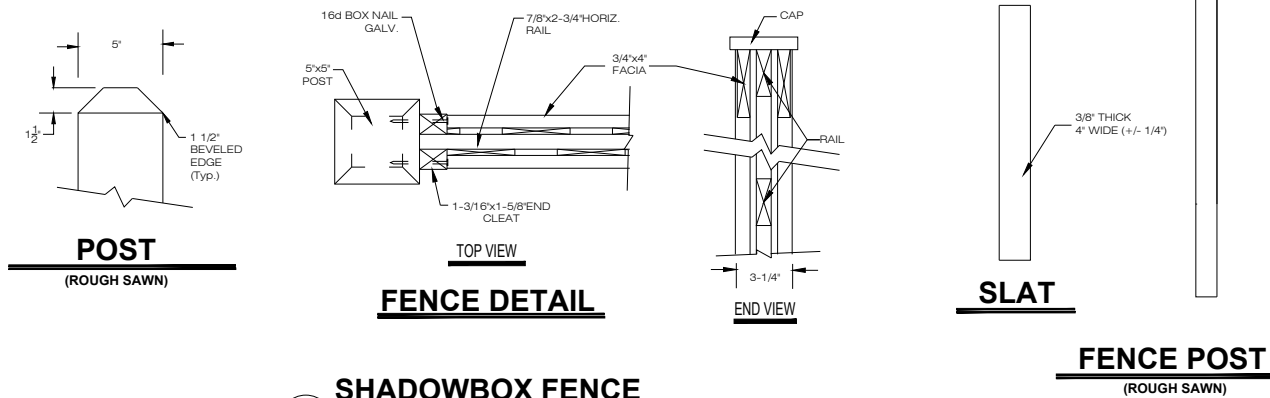
4 GRAVEL ROAD SECTION
C-2 SCALE: N.T.S.



5 EQUIPMENT PAD
C-2 SCALE: N.T.S.

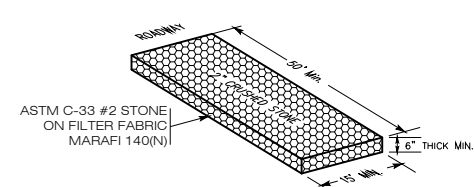


2 SHADOWBOX FENCE
Typ. 8' Section Length - Northern White Cedar
C-2 SCALE: N.T.S.

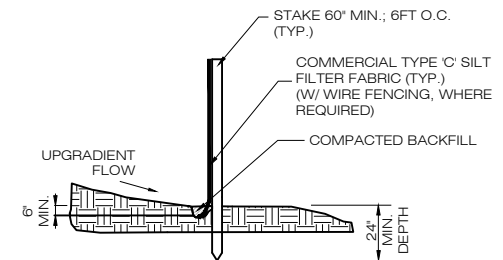


7 GEOTEXTILE SILT FENCE DETAIL
C-2 SCALE: N.T.S.

6 (CE) CONSTRUCTION ENTRANCE DETAIL
C-2 SCALE: N.T.S.



4 GRAVEL ROAD SECTION
C-2 SCALE: N.T.S.



5 EQUIPMENT PAD
C-2 SCALE: N.T.S.

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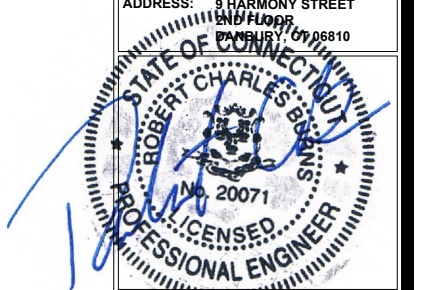
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PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

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



HOMELAND TOWERS
NEW CANAAN NORTHEAST

SITE 183 SOUNDVIEW LANE
ADDRESS: NEW CANAAN, CT 06840
APT FILING NUMBER: CT283450

DATE: 08/29/19 DRAWN BY: ELZ
CHECKED BY: RCB

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:
C-2

FAA I-A SURVEY CERTIFICATION

Applicant: Homeland Towers
9 Harmony Street, 2nd Floor
Danbury, CT 06810

Site Name: New Canaan NE

Site Address: Map 40 Block 105 Lot 74
#183 Soundview Lane
New Canaan, CT 06840

Source of Coordinates:	<input checked="" type="checkbox"/> GPS Survey	<input type="checkbox"/> Ground Survey	
Vertical Datum:	NAVD 1988 (AMSL) <input checked="" type="checkbox"/> GPS Survey	<input type="checkbox"/> Ground Survey	
Structure Type:	<input checked="" type="checkbox"/> New Tower	<input type="checkbox"/> Existing Tower	<input type="checkbox"/> Roof Top
	<input type="checkbox"/> Water Tank	<input type="checkbox"/> Smoke Stack	<input type="checkbox"/> Other _____

Latitude: (NAD 83) 41-11-26.43

Longitude: (NAD 83) 73-29-42.16

Ground Elevation: AMSL Elevation (in feet) 502.3'

Top of Tower: AMSL Elevation (in feet) 592.3'

Certification: I certify that the latitude of 41-11-26.43 and the longitude of 73-29-42.16 are accurate to within + 15 feet horizontally, and that the ground elevation of 502.3' AMSL is accurate to within + 3 feet vertically. With a structure height of 90' AGL, the overall height will be 592.3' AMSL. The horizontal datum (coordinates) are in the terms of the North American Datum of 1983 (NAD 83) and are expressed in degrees, minutes, seconds to the nearest hundredth of a second.

The vertical datum (heights) are in terms of the North American Vertical Datum of 1988 and are determined to the nearest 1/10 of a foot.

Company: Langan CT, Inc.

**Surveyor
Signature/Seal:**

Andrew G. Ives, CT P.L.S. #70286



Date: June 24, 2019



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

Aeronautical Study No.
2019-ANE-4409-OE

Issued Date: 08/28/2019

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: CT027 New Canaan NE
Location: New Canaan, CT
Latitude: 41-11-26.43N NAD 83
Longitude: 73-29-42.16W
Heights: 502 feet site elevation (SE)
90 feet above ground level (AGL)
592 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 02/28/2021 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) 222-5922, or debbie.cardenas@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-ANE-4409-OE.

Signature Control No: 414496157-415721323

(DNE)

Debbie Cardenas
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2019-ANE-4409-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



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

October 8, 2019

RE: Homeland Towers Site Name: New Canaan NE CT027
183 Soundview Lane
New Canaan, CT 06840

To Whom it May Concern:

Homeland Towers, LLC is proposing the installation of a public utility wireless telecommunications facility, consisting of a 90' monopine ("Tower") with antennas mounted thereon.

The proposed Tower, all attachments, and the Tower's foundation will be designed to meet the ANTI/TIA-222-G "Structural Standard for Antenna Supporting Structures and Antennas" and all county, state and federal structural requirements for loading, including wind and ice loads. The Tower will be designed to support a minimum of four (4) antenna arrays with appurtenances. Furthermore, the proposed tower will be designed with a "hinge-point" at elevation 52' AGL (closest property line distance is 38'+/-) so that in the unlikely event of a catastrophic failure occurring, the tower fall zone will be contained within the subject parcel.

Historically, falling ice is more of a concern with broadcast towers, guyed towers and/or lattice towers. Accumulation of ice is generally a function of altitude, structure height and site location. Mountain top sites or very tall towers have been documented to shed ice. Smaller monopole structures (200' or <) such as that proposed and specifically located in Southern New England have not been reported to have shedding ice issues.

Should you have any questions, please do not hesitate to call me at (860) 663-1697.

Sincerely,

All-Points Technology Corporation

A handwritten signature in blue ink, appearing to read "Robert C. Burns", with a long horizontal flourish extending to the right.

Robert C. Burns, P.E.
Program Manager

ALL-POINTS TECHNOLOGY CORPORATION, P.C.

3 SADDLEBROOK DRIVE · KILLINGWORTH, CT 06419 · PHONE 860-663-1697 · FAX 860-663-0935

P.O. BOX 504 · 116 GRANDVIEW ROAD · CONWAY, NH 03818 · PHONE 603-496-5853 · FAX 603-447-2124