

Phyllis M. Kraut

Please Reply To Orange
E-Mail: pkraut@cohenandwolf.com

September 11, 2019

VIA FEDERAL EXPRESS
AND ELECTRONIC MAIL

Attorney Melanie Bachman,
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Docket No. 486: Tarpon Towers II, LLC Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility at 796 Woodin Street, Hamden, Connecticut

Dear Attorney Bachman:

On behalf of Tarpon Towers II, LLC, enclosed please find an original and fifteen (15) copies of the Applicant's Responses to the Siting Council's Second Set of Interrogatories dated August 19, 2019.

If you have any questions, please do not hesitate to give me a call.

Very truly yours,



Phyllis M. Kraut
Legal Assistant to Vincent M. Marino, Esq.

Enclosures

cc: Service List
Vincent M. Marino, Esq.
Town of Hamden
City of New Haven

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

RE: TARPON TOWERS II, LLC APPLICATION
FOR A CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED
FOR A TELECOMMUNICATIONS FACILITY
AT 796 WOODIN STREET IN THE
TOWN OF HAMDEN, CONNECTICUT

DOCKET NO. 486

September 11, 2019

**INTERROGATORY RESPONSES TO CONNECTICUT SITING COUNCIL
FROM APPLICANT TARPON TOWERS II, LLC**

The Applicant, Tarpon Towers II, LLC ("Applicant"), submits the following responses to the Second Set of Pre-Hearing Interrogatories propounded by the Connecticut Siting Council on August 19, 2019 in connection with the above-referenced Application.

Site Search

10. Application p. 2 states Verizon intends to relocate from an existing tower on West Rock Ridge to the proposed site. Using the Site Location Map provided in the Application Executive Summary, indicate the location of both the Proposed Site and Verizon's existing West Rock Ridge site.

RESPONSE: See Map attached hereto as Attachment 1.

11. Application p. 17 states Tarpon consulted with "other wireless carriers" regarding a lack of tower/structures in the proposed site area. What other carriers indicated a need for an additional facility in this area?

RESPONSE:

Tarpon has contacted all the other carriers for this site and T-Mobile has responded that they need the site and will file a tower sharing application with the Council if this site is approved. Tarpon currently has an executed lease with T-Mobile.

12. For the sites listed in Application Exhibit G, when was the approximate date of contact or attempted contact for each? For Sites Investigated 1 & 2, identify the person(s) who contacted the landowners.

RESPONSE:

- 1- Contact was on August 19, 2019 -Keith Coppins had a conversation with John Triana Real Estate Manager for the South Central Regional Water Authority.
- 2- Contact was initially made in August of 2005 and again August 2015. Keith Coppins had a conversation with Mrs Sharkey at Wintergreen School. The Town later came back and stated this site was not a viable site. Keith Coppins contacted Curt Lang the First Selectman for the Town of Hamden in August of 2015 to see if there was a change in decision since he was the new First Selectman for the town since the initial contact in 2005. Mr. Lang stated the town does not want to lease space on the school for a wireless communication facility.
- 3- Contact was made on August 19, 2015 and February 11, 2016
- 4- Contact was made on July 29, 2015
- 5- Contact was made on July 29, 2015
- 6- Contact was made on February 11, 2016
- 7- Contact was made on January 10, 2017

Site/Tower

13. Referring to Applicant Exhibit E, Sheet C-2- Miscellaneous Table, provide the following:
- a) direction and address of the nearest residential structure; and
 - b) point of reference for each value e.g., compound or tower.

RESPONSE:

- a) The nearest residential structure 784 Woodin Street is 615 feet northeast from tower center.
- b) The nearest residential structure 784 Woodin Street is 595 feet northeast from site compound.

14. Referring to Application Exhibit K, p. 3 of the Heritage Consultants letter dated June 12, 2018 mentions the access road was realigned. What was the original access road route and why was it realigned?

RESPONSE:

The original access road went through a small wetland location in the West side of the property. The access road has been re-routed to eliminate the impact to the wetland.

15. Referring to Application p. 32, how is the cost of the tower construction and subsequent operation recovered?

RESPONSE:

Tarpon leases the tower site to other wireless carriers and the cost of development is recovered over a period of years by the rent received.

16. Quantify the approximate amount of cut and fill that would be required to develop the proposed facility.

RESPONSE:

See Cut and Fill table attached hereto as Attachment 2.

17. Would blasting be required to develop the site?

RESPONSE:

No Blasting is anticipated at this site.

18. What measures are proposed to ensure security and deter vandalism? (Including alarms, gates, locks, anti-climb fence design, etc.)

RESPONSE:

The compound will be locked, and an anti-climb fence could be installed if the CSC requests an anti-climb fence to be installed.

19. Would construction and operation of the site comply with applicable safety standards and/or codes?

RESPONSE:

Yes. The construction and operation of the site of the site will comply with the following safety standards and/or codes:

- 2018 Connecticut State Building Code
- National Electrical Code (NFPA 70)
- TIA-222-G-1 "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures".
- 2018 Connecticut State Fire Safety Code
- Occupational Safety and Health Administration (OSHA).

Environmental

20. Is any portion of the proposed facility on prime farmland soils, as mapped by the CT Natural Resource Conservation Service? If so, estimate the amount of mapped prime farmland soils that would be impacted by the proposed facility.

RESPONSE:

No Prime Farmland Soils or Statewide Important Farmland Soils are located within the proposed facility or on the subject property. As a result, the proposed facility will not adversely affect farmland soils.

Please refer to the Farmland Soils Map attached hereto as Attachment 3.

21. What is the distance from the nearest wetland/watercourse to the **limit of the construction** for the compound/parking area?

RESPONSE:

The nearest wetland is 17 feet to the compound and 25 feet to the parking area.

22. Application Exhibit M contains a Wetland Inspection Map that depicts a 70-foot by 40-foot compound. Revise the map to account for the 70-foot by 70 foot compound, as identified in Interrogatory Response #8.

RESPONSE:

A revised set of plans have been entered to show the 70 foot by 40-foot compound in an effort to mitigate any impact to the wetlands is attached hereto as Attachment 4.

23. Application Exhibit M contains a Wetland Inspection Map that shows the proposed site between a watercourse and a narrow wetland area. Was a tower site northwest of the proposed location considered in order to maintain an undisturbed forested area between wetlands /watercourses in the southeast portion of the parcel?

RESPONSE:

Yes. The Owner uses the property for animal rescue both small and large. The area in question was looked at but after speaking with the Owner the area is not available as the Owner has plans for the expansion of her rescue animals which include a new shelter and paddock area.

24. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?

RESPONSE:

No, the proposed facility is not located within an Aquifer Protection Area ("APA") or Public Water Supply Watershed ("PWSWS"). The nearest APA to the proposed facility is the Mount Carmel APA located ± 5.5 miles to the northeast and the nearest PWSWS is ± 1.4 miles to the northwest. Therefore, the proposed facility will not adversely affect these public water supply resources.

Please refer to the Public Water Supply and Aquifer Protection Area Map attached hereto as Attachment 5.

25. Referring to Interrogatory Response #9, what does the 240 feet above mean sea level figure represent?

RESPONSE:

The elevation of the ground at the proposed site is currently 113' above mean sea level. The finished grade after construction will be 116' feet above mean sea level. The top of the tower with appurtenances is 124 feet above ground level. The total height of the tower post construction will be 240 feet above mean sea level.

26. If Interrogatory Response #8 states the compound is 70 feet by 70 feet, why did the public notice in Interrogatory Responses Set 1, Attachment 1 list a 70-foot by 40-foot compound?

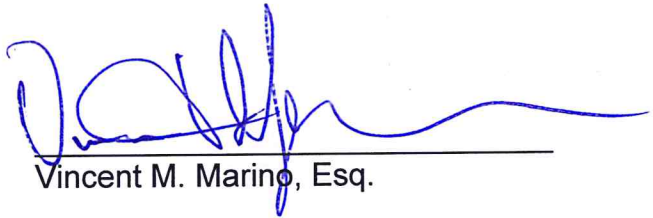
RESPONSE:

The dimensions of the associated equipment compound was originally planned to be approximately 70 feet x 70 feet, however after the inland wetlands analysis was conducted and the results were discussed with Tarpon and All Points, the proposed dimension of the compound was reduced from 70 feet by 70 feet to 70 feet by 40 feet. Reducing the size of the compound increased the distance of the proposed project from the wetlands.

CERTIFICATE OF SERVICE

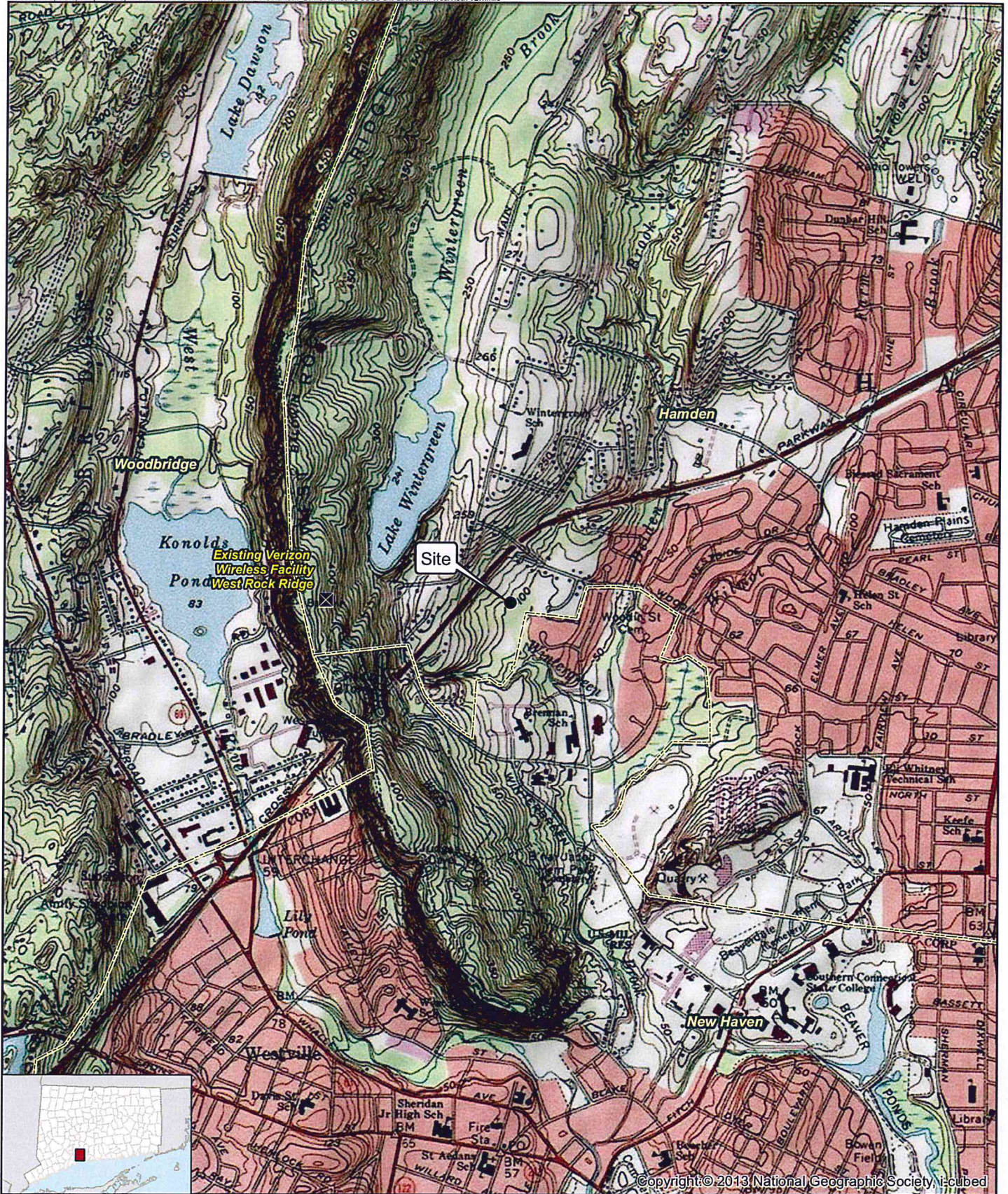
I hereby certify that on this day a copy of the foregoing was delivered by Electronic Mail and First-Class U.S. Mail, postage prepaid, to all parties and intervenors of record, as follows:

Kenneth C. Baldwin, Esq.
Robinson & Cole, LLP
280 Trumbull Street
Hartford, CT 06103-3597



Vincent M. Marino, Esq.

ATTACHMENT 1



Copyright © 2013 National Geographic Society, i-cubed

Legend

- Site
- ⊠ Existing Verizon Wireless Facility
- Municipal Boundary

Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic
 Quadrangle Map, New Haven, CT (1984)
 Map Scale: 1:24,000
 Map Date: September 2019



Site Location Map

Proposed Wireless
 Telecommunications Facility
 Hamden CT
 796 Woodin Street
 Hamden, Connecticut



ATTACHMENT 2

Cut/Fill Report

Generated: 2019-09-09 15:43:46

By user: sbhembe

W:\PROJECTS\TELECOMUNICATIONS\DEVELOPERS\TARPON TOWERS
II\CT\CT1225 HAMDEN 2 CT 796 Woodin Street Hamden MP\CT1225
\CT1225 Woodin Street\DRAWINGS\CSC\DOCKET

Drawing: CSC\Topo\W:\PROJECTS\TELECOMUNICATIONS\DEVELOPERS\TARPON
TOWERS II\CT\CT1225 HAMDEN 2 CT 796 Woodin Street Hamden
MP\CT1225\CT1225 Woodin Street\DRAWINGS\CSC\DOCKET
CSC\Topo\Compound-drivewayDrainage plan new 090919.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Driveway	full	1.000	1.000	17238.95	140.39	341.88	201.49<Fill>
Compound	full	1.000	1.000	6437.79	21.11	599.37	578.26<Fill>

Totals					
		2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total		23676.73	161.49	941.25	779.75<Fill>







* Value adjusted by cut or fill factor other than 1.0

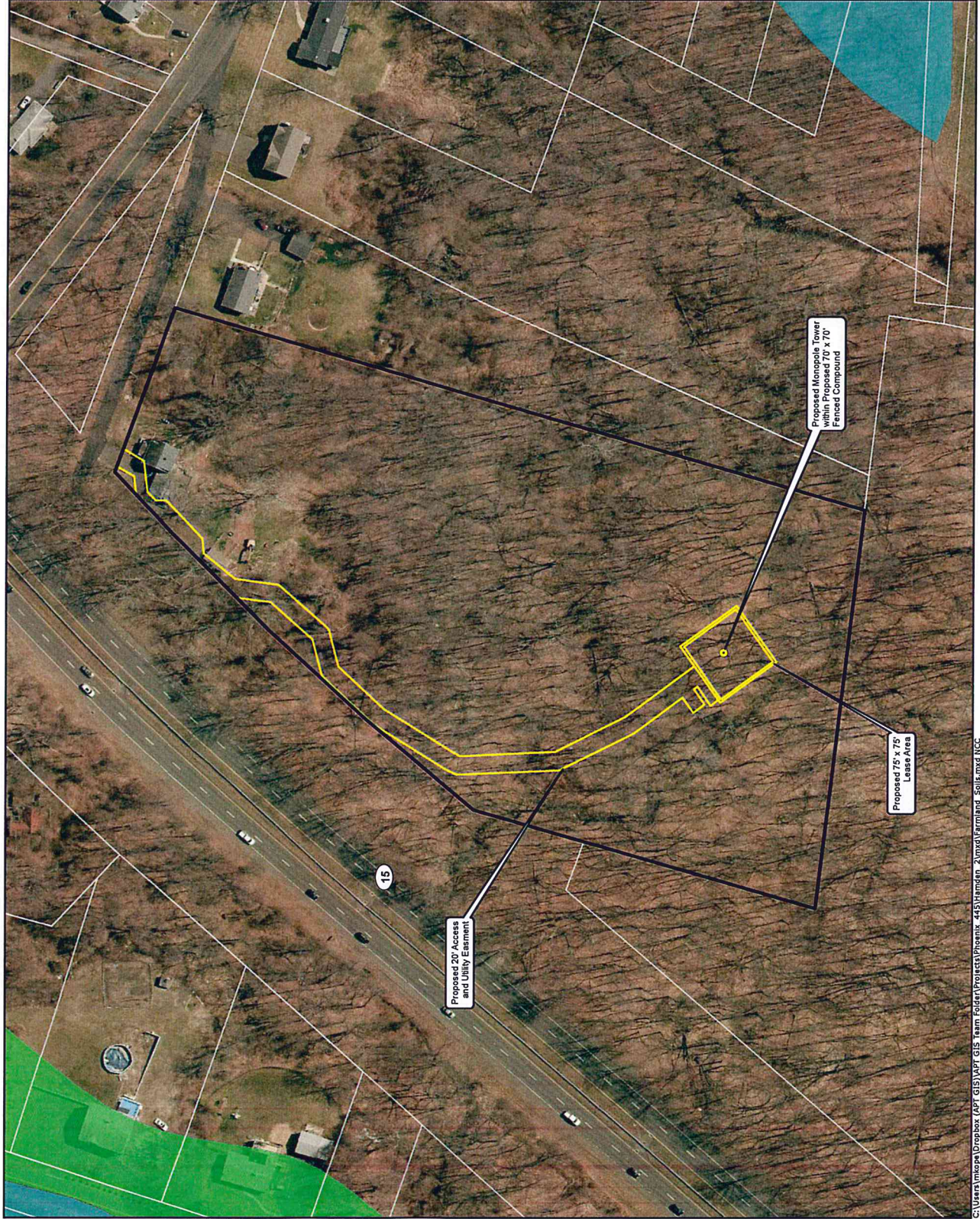


ATTACHMENT 3

Farmland Soils
Proposed Wireless Telecommunications Facility
 Hamden CT Rele
 796 Woodin Street
 Hamden, Connecticut

Legend

-  Proposed Monopole Tower
-  Proposed Site Layout
-  Approximate Subject Property
-  Approximate Parcel Boundary (CTDEEP)
-  Prime Farmland Soils
-  Statewide Important Farmland Soils



Data Sources:

Ortho Base Map: CTECO 2016 Aerial Imagery
 CTDEEP's data library (<http://www.ct.gov/deep>)
 was updated by CTDEEP and represent
 the most recent publications.
 Map Date: September 2019

ATTACHMENT 4



CELLCO PARTNERSHIP
d.b.a. Verizon
 WIRELESS COMMUNICATIONS FACILITY

SITE NUMBER: CT1225
SITE NAME: HAMDEN II

PROJECT SUMMARY

SCOPE OF WORK: TARPOON TOWERS II, LLC IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENTS:
 120 FOOT MONOPOLE
 40x70' FENCED COMPOUND WITH TURN AROUND AREA AND GRAVEL DRIVEWAY
 POWER AND TELCO UTILITIES
 VERIZON IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENTS:
 EQUIPMENT CABINETS AND GENERATOR ON CONCRETE PADS
 THREE (3) ANTENNAS PER SECTOR, TOTAL OF NINE (9)
 TWO (2) DUAL BAND REMOTE RADIO UNITS (RRU) PER SECTOR, TOTAL OF SIX (6)
 (6) DUAL BAND RRU'S, ONE (1) OVP (JUNCTION BOX) WITH ASSOCIATED CABLING AND APPURTENANCES.

SITE ADDRESS: 796 WOODIN STREET
 HAMDEN, CT 06514
 LATITUDE: 41° 57' 59.32" N
 LONGITUDE: 72° 57' 42.25" W
 PROPERTY OWNER: GABRIELLE SCORCCO
 796 WOODIN STREET
 HAMDEN, CT 06514
 TAX MAP#: 2322/110/00/0000
 POWER COMPANY: UNITED ILLUMINATING
 TELEPHONE COMPANY: FRONTIER COMMUNICATIONS
 TOWER OWNER/APPLICANT: TARPOON TOWERS II, LLC
 1001 3RD AVENUE WEST, SUITE 420
 BRADENTON, FL 34205
 WIRELESS CARRIER: CELLCO PARTNERSHIP D/B/A/
 VERIZON WIRELESS
 20 ALEXANDER DRIVE
 WALLINGFORD, CT 06482



CHECKED BY: DJR
 APPROVED BY: DPH

REV	DATE	DESCRIPTION	BY
3	06/26/13	REVISION COMPOUND SIZE	ST
2	06/26/13	REVISION TOWER	ST
1	06/26/13	REVISION FOR COMMENTS	ST
0	06/17/13	ISSUED FOR ROAD	SM

SITE NAME:
HAMDEN II
 SITE ADDRESS:
 796 WOODIN STREET
 HAMDEN, CT 06514

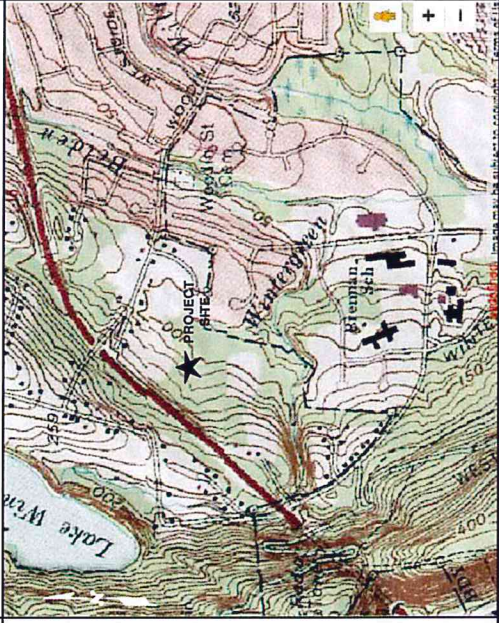
SHEET TITLE
SITE PLAN

SHEET NUMBER
T-1

GENERAL NOTES

- THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF TARPOON TOWERS II. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF TARPOON TOWERS II IS SPECIFICALLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.
- THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT COVERED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.

VICINITY MAP



DRAWING INDEX

DRAWING INDEX	REV
T-1 TITLE SHEET	3
C-1 ABUTTERS PLAN	3
C-2 SITE PLAN	3
C-3 COMPOUND GRADING PLAN	3
A-1 COMPOUND PLAN	3
A-2 ELEVATION AND ANTENNA PLAN	3
A-3 EQUIPMENT DETAILS	3
A-4 SITE DETAILS	3
A-5 EROSION CONTROL AND DETAILS	3

TARPON TOWERS
 TARPON TOWERS II, LLC
 1000 WINTERGREEN AVENUE
 CITY OF NEW HAVEN
 CONNECTICUT 06518

PROVIDED FOR: CELCO PARTNERSHIP D.B.A.
verizon

H2G HUDSON
 Design Group LLC
 43 BECONWOOD DRIVE
 14 JACOBYE, W.06885
 TEL: (860) 344-3433
 FAX: (860) 344-3884

STATE OF CONNECTICUT
 DANIEL P. HANSEN
 LICENSED PROFESSIONAL ENGINEER
 No. 24178

CHECKED BY: DJR
 APPROVED BY: DPH

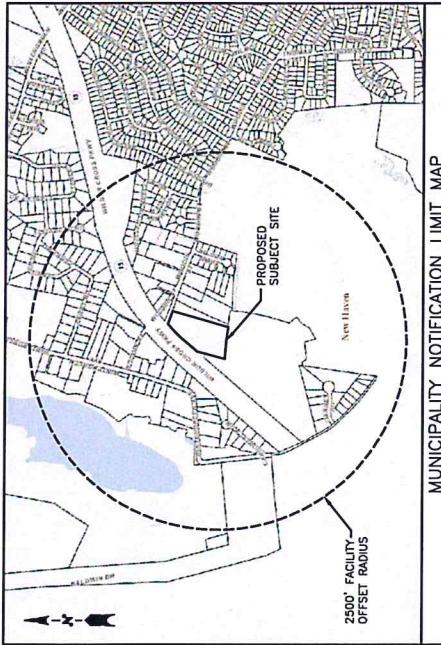
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3	07/17/19	ISSUED DRAWING SET	DJ
4	07/17/19	ISSUED DRAWING SET	DJ
5	07/17/19	ISSUED DRAWING SET	DJ

SITE NAME:
HAMDEN II

SITE ADDRESS:
 786 WOODIN STREET
 HAMDEN, CT 06514

SHEET TITLE
ABUTTERS PLAN

SHEET NUMBER
C-1

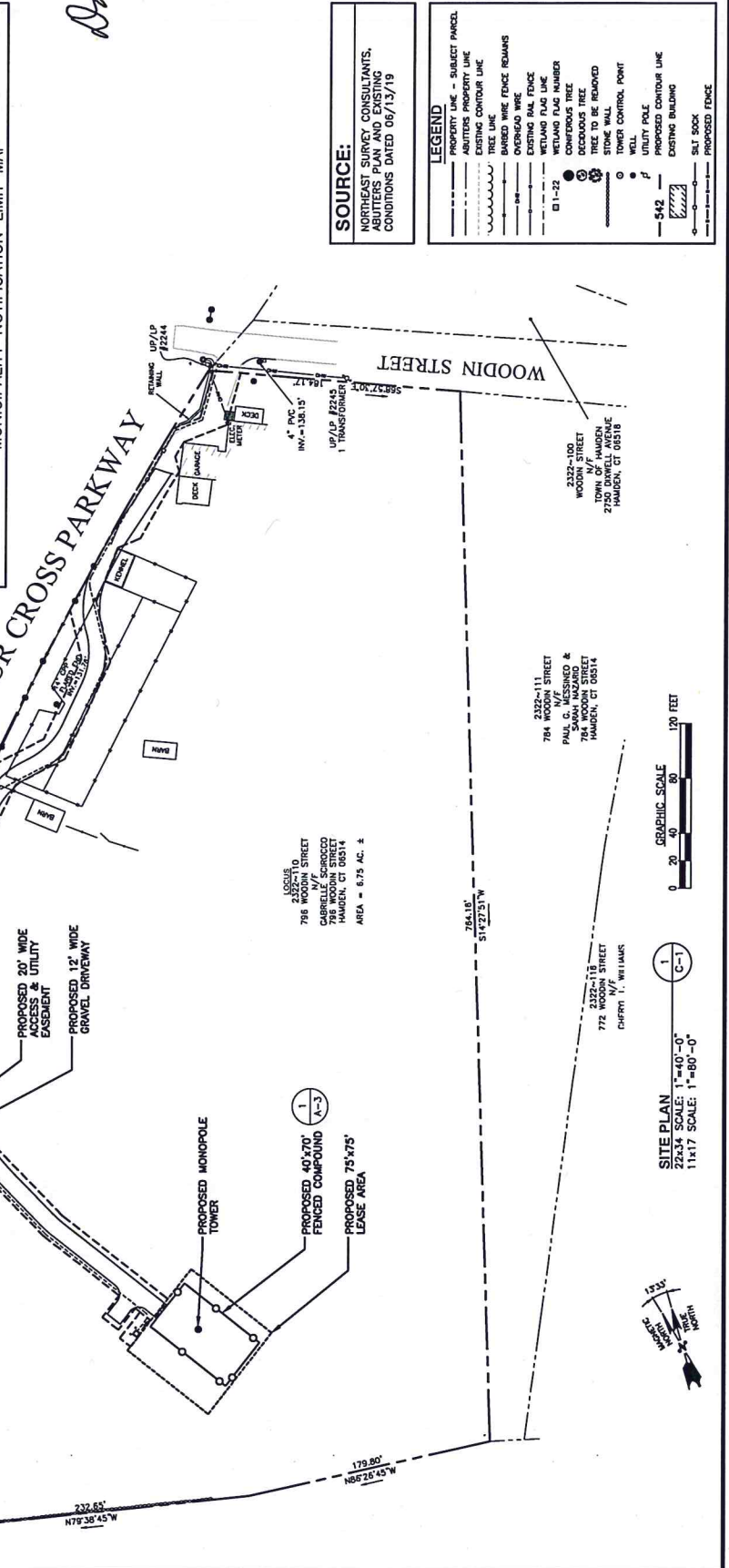


ABUTTERS:

2221-33
 1090 WINTERGREEN AVENUE
 CITY OF NEW HAVEN
 NATURE CENTER
 1090 WINTERGREEN AVENUE
 HAMDEN, CT 06514

2322-111
 784 WOODIN STREET
 PAUL G. MESSINGO &
 SARAH MAZARD
 784 WOODIN STREET
 HAMDEN, CT 06514

2322-100
 WOODIN STREET
 TOWN OF HAMDEN
 2755 DAWELL AVENUE
 HAMDEN, CT 06518



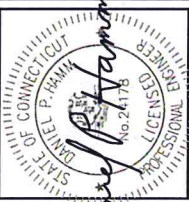
SOURCE:
 NORTHEAST SURVEY CONSULTANTS,
 ABUTTERS PLAN AND EXISTING
 CONDITIONS DATED 09/13/19

LEGEND

PROPERTY LINE - SUBJECT PARCEL
 ABUTTERS PROPERTY LINE
 EXISTING CONTOUR LINE
 EXISTING UTILITY POLE
 OVERHEAD WIRE
 EXISTING RAIL FENCE
 WETLAND FLAG LINE
 WETLAND FLAG NUMBER
 CONTOUR TREE
 TREE TO BE REMOVED
 TOWER CONTROL POINT
 WELL
 UTILITY POLE
 PROPOSED CONTOUR LINE
 EXISTING BUILDING
 SET BACK
 PROPOSED FENCE

542

Daniel P. Hansen



CHECKED BY: DAR
APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
1	02/17/18	ISSUED FOR PERMITS	SLT
2	02/17/18	RELOCATED TOWER	SLT
3	02/17/18	RELOCATED COMPUND SIZE	SLT
4	02/17/18	RELOCATED PER CONDUITS	SLT
5	02/17/18	ISSUED FOR REVIEW	PHM

SITE NAME:
HAMDEN II

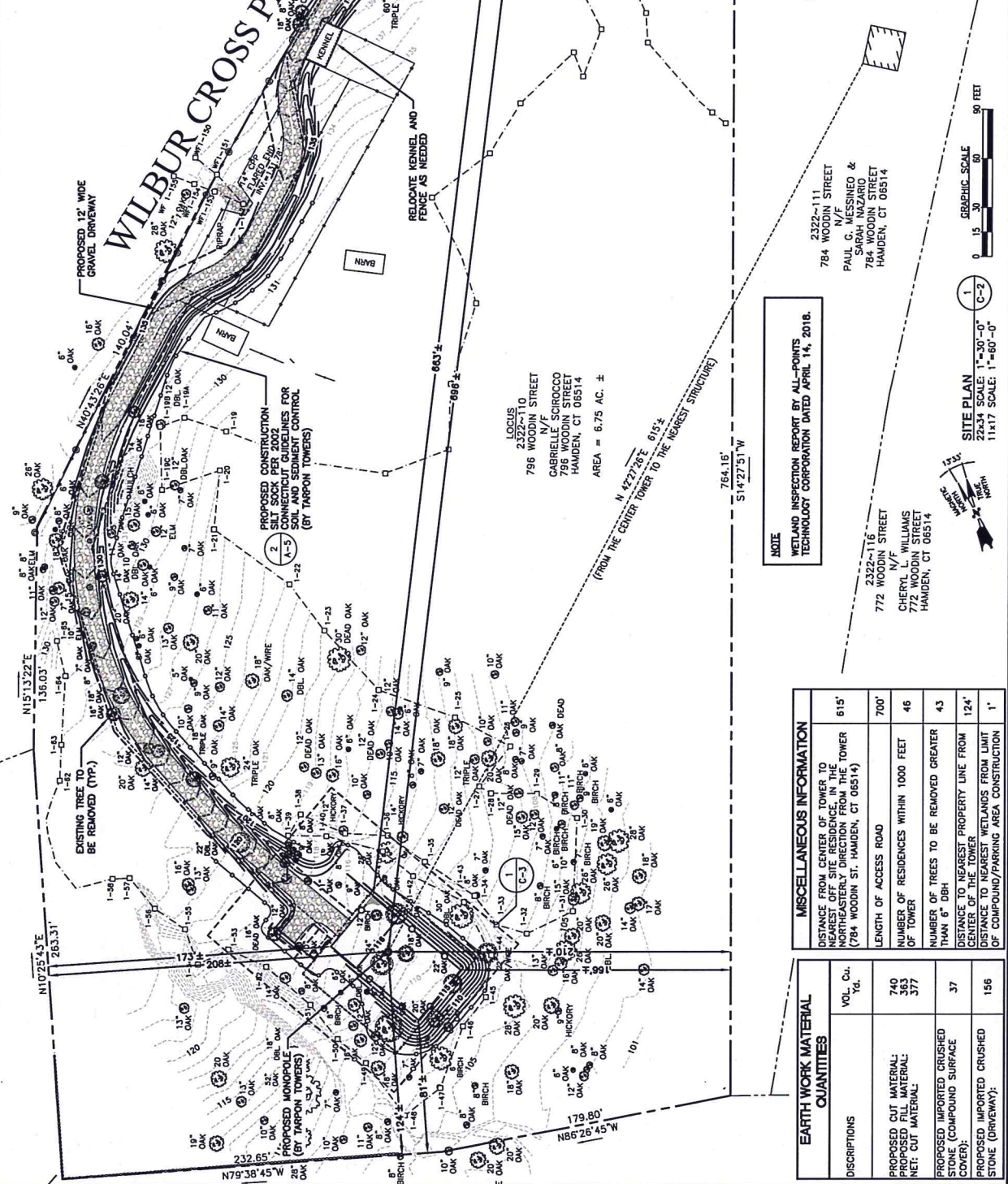
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796 WOODIN STREET
HAMDEN, CT 06514

SHEET TITLE
SITE PLAN

SHEET NUMBER
C-2

LEGEND

- PROPERTY LINE - SUBJECT PARCEL
- ADJUTERS PROPERTY LINE
- EXISTING CONTOUR LINE
- TREE LINE
- BARBED WIRE FENCE REMAINS
- EXISTING RAIL FENCE
- OVERHEAD WIRE
- EXISTING RAIL FENCE
- WETLAND FLAG NUMBER
- CONCRETE TREE
- TREE TO BE REMOVED
- STONE WALL
- TOWER CONTROL POINT
- ADJUTERS CONTOUR LINE
- EXISTING BUILDING
- SILT SOCK
- PROPOSED FENCE



NOTE
WETLAND INSPECTION REPORT BY ALL-POINTS TECHNOLOGY CORPORATION DATED APRIL 14, 2018.



SITE PLAN
11x17 SCALE: 1"=60'-0"
C-2

MISCELLANEOUS INFORMATION

DISTANCE FROM CENTER OF TOWER TO NEAREST OFF-SITE RESIDENCE IN THE NORTHEASTLY DIRECTION FROM THE TOWER (784 WOODIN ST., HAMDEN, CT 06514)	615'
LENGTH OF ACCESS ROAD	700'
NUMBER OF RESIDENCES WITHIN 1000 FEET OF TOWER	46
NUMBER OF TREES TO BE REMOVED GREATER THAN 6" DBH	43
DISTANCE TO NEAREST PROPERTY LINE FROM CENTER OF THE TOWER	124'
DISTANCE TO NEAREST WETLANDS FROM LIMIT OF COMPOUND/PARKING AREA CONSTRUCTION	1'

EARTH WORK MATERIAL QUANTITIES

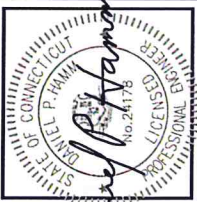
DESCRIPTIONS	VOL. CU. Yd.
PROPOSED CUT MATERIAL:	740
PROPOSED FILL MATERIAL:	363
NET CUT MATERIAL:	377
PROPOSED IMPORTED CRUSHED STONE (COMPOUND SURFACE COVER):	37
PROPOSED IMPORTED CRUSHED STONE (DRIVEWAY):	156



PROPOSED FOR: CELCO PARTNERSHIP D.B.A.



HDS
HUDSON
Design Group LLC
41 HECWOOD DRIVE
HARTFORD, CT 06115
TEL: (860) 234-5430
FAX: (860) 234-5055



CHECKED BY: DJR
APPROVED BY: DPH

SUBMITTALS	
REV.	DESCRIPTION
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2	10/27/11
3	10/27/11
4	10/27/11
5	10/27/11
6	10/27/11

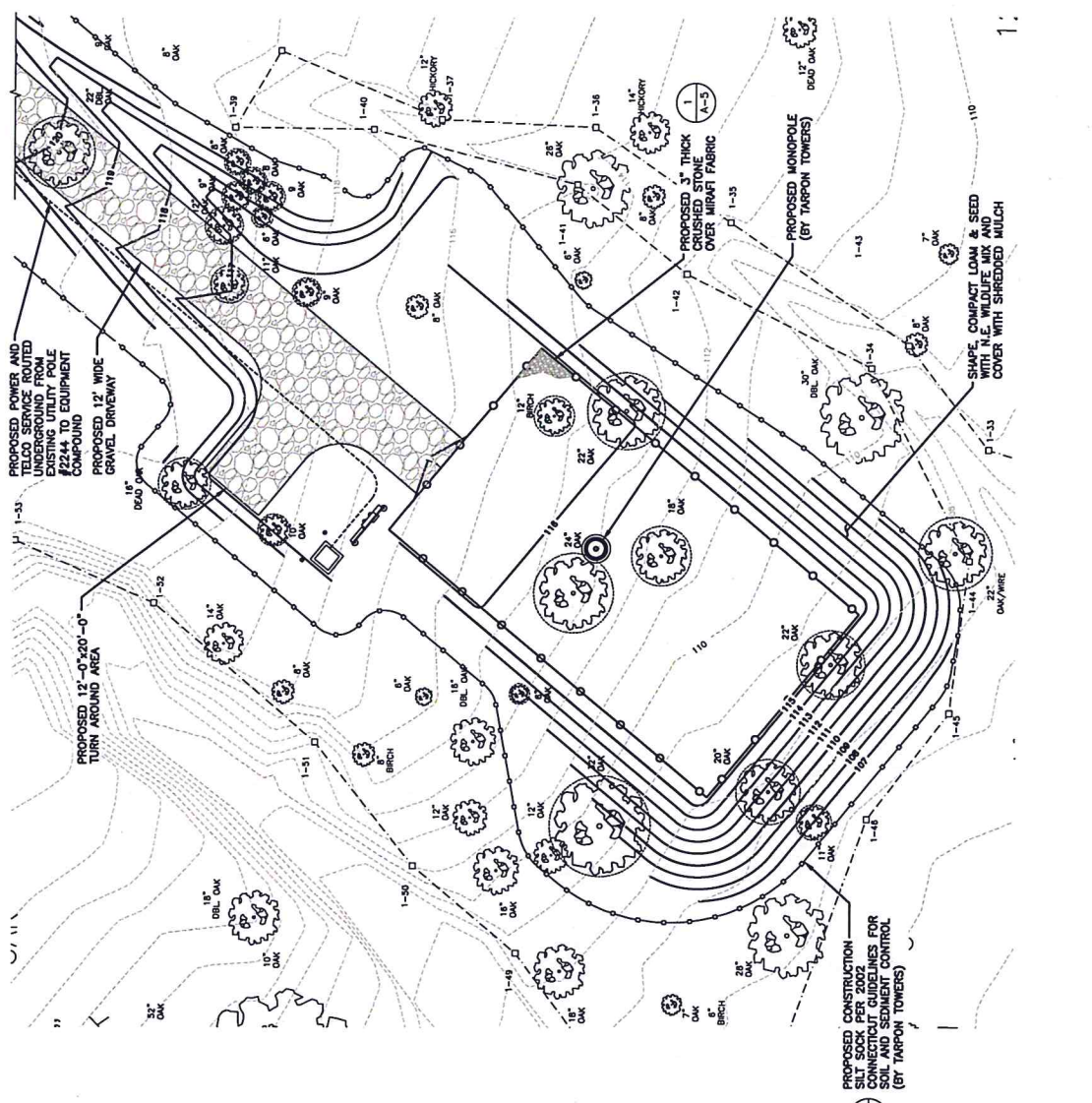
SITE NAME:
HAMDEN II
SITE ADDRESS:
705 HOOKER STREET
HAMDEN, CT 06514

SHEET TITLE:
COMPOUND GRADING PLAN

SHEET NUMBER:
C-3

LEGEND

---	PROPERTY LINE - SURVEY PARCEL
---	ADJUTERS PROPERTY LINE
---	EXISTING CONTOUR LINE
---	PROPOSED CONTOUR LINE
---	EXISTING FENCE REMAINS
---	EXISTING RAIL FENCE
---	EXISTING RAIL FENCE
---	WETLAND FLAG NUMBER
---	WETLAND FLAG NUMBER
---	DECEASED TREE
---	TREE TO BE REMOVED
---	STONE WALL
---	UTILITY CONTROL POINT
---	UTILITY POLE
---	PROPOSED CONTOUR LINE
---	EXISTING BUILDING
---	SILT SOCK
---	PROPOSED FENCE



COMPOUND GRADING PLAN 1
22034 SCALE: 1"=10'-0"
11417 SCALE: 1"=20'-0"



Daniel P. Haman



CHECKED BY: DJR
APPROVED BY: DPH

SUBMITTALS

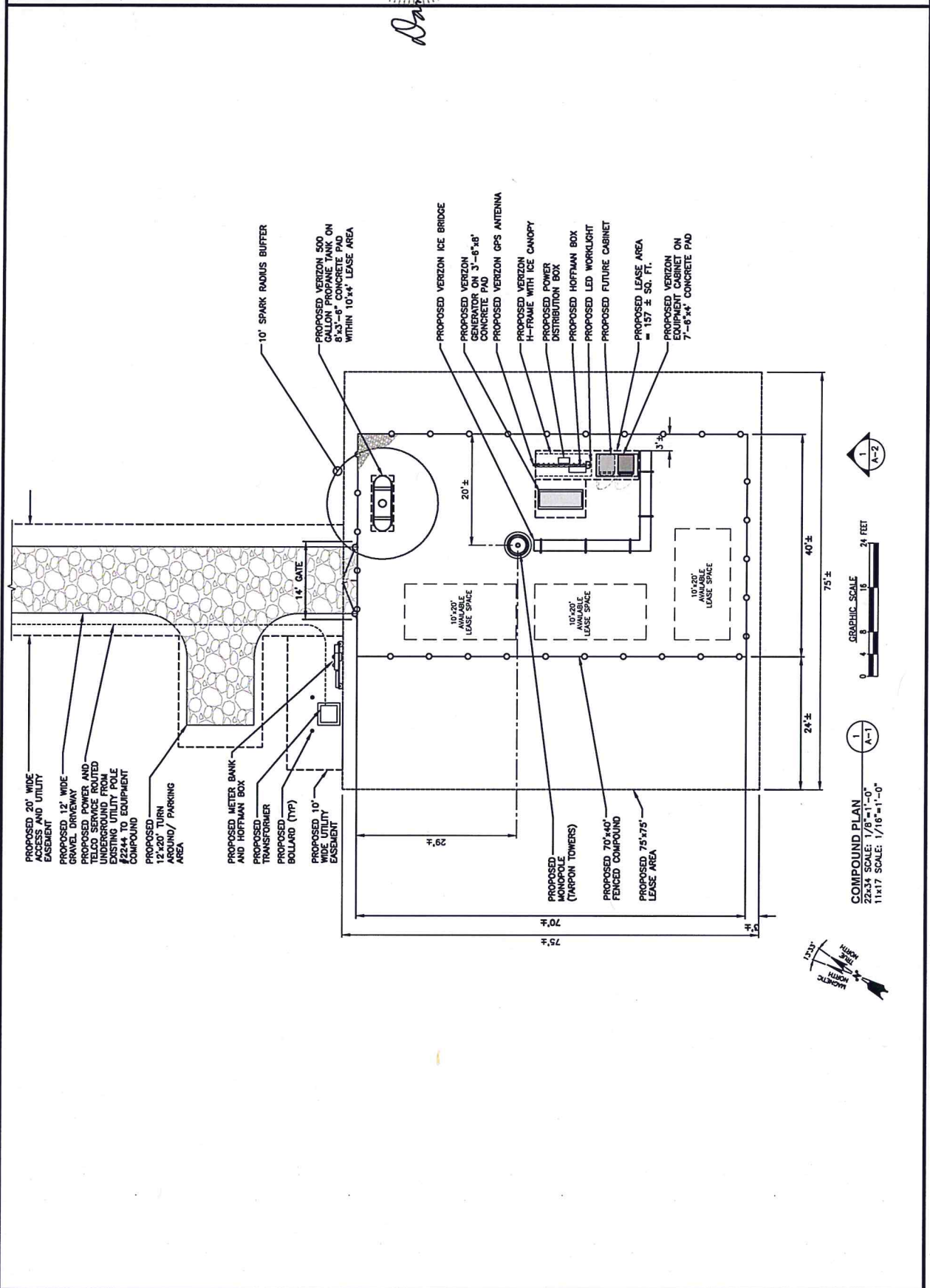
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1	02/27/18	ISSUED FOR PERMITS	DL

SITE NAME:
HAMDEN II

SITE ADDRESS:
786 WOODHURST STREET
HAMDEN, CT 06514

SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
A-1



COMPOUND PLAN
7/23/17 SCALE: 1/16"=1'-0"
11x17 SCALE: 1/16"=1'-0"





CHECKED BY: DPH
 APPROVED BY: DPH

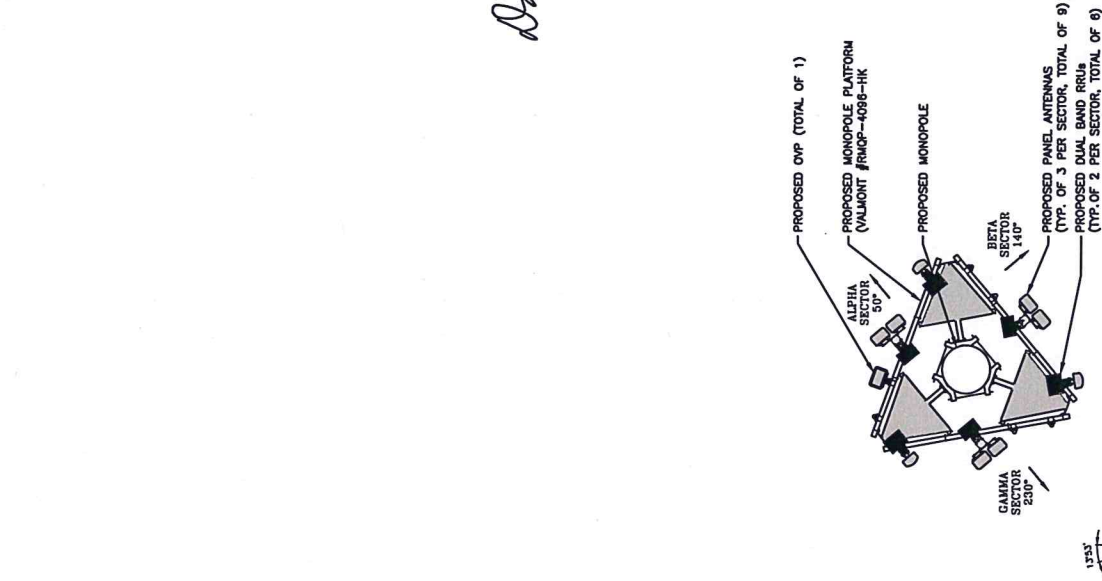
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2	06/17/19	REVISED TOWER	SVT
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0	06/17/18	ISSUED FOR REVIEW	PHM

SITE NAME:
HAMDEN II

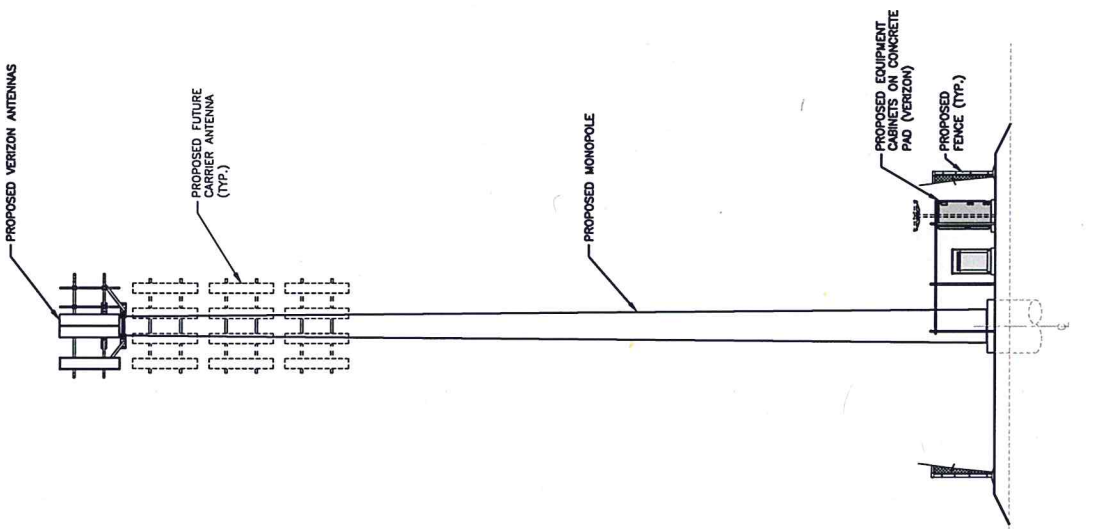
SITE ADDRESS:
 796 WOODIN STREET
 HAMDEN, CT 06514

SHEET TITLE
ELEVATION AND ANTENNA PLAN

SHEET NUMBER
A-2



ANTENNA PLAN
 SCALE: N.T.S.



SOUTH ELEVATION
 SCALE: 1/8"=1'-0"
 11x17 SCALE: 1/16"=1'-0"

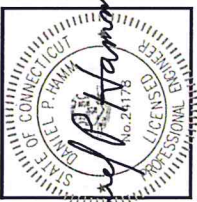
- TOP OF VERIZON WIRELESS ANTENNAS
 ELEV. = 240.0 ± A.M.S.L.
- TOP OF PROPOSED MONOPOLE
 ELEV. = 120.0 ± A.G.L.
- TOP OF VERIZON WIRELESS ANTENNAS
 ELEV. = 236.0 ± A.M.S.L.
- TOP OF FUTURE CARRIER ANTENNAS
 ELEV. = 230.0 ± A.M.S.L.
- TOP OF FUTURE CARRIER ANTENNAS
 ELEV. = 226.0 ± A.M.S.L.
- TOP OF FUTURE CARRIER ANTENNAS
 ELEV. = 210.0 ± A.M.S.L.
- TOP OF FUTURE CARRIER ANTENNAS
 ELEV. = 206.0 ± A.M.S.L.

TOWER NOTES:

- 1.) TOWER ELEVATION IS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO TOWER MANUFACTURER'S DRAWINGS FOR COMPLETE INSTALLATION AND BILL OF MATERIAL INFORMATION.
- 2.) TOWER MINIMUM DESIGN SPECIFICATIONS SHALL BE IN ACCORDANCE WITH ANS/TIA/EIA 222-G STRUCTURAL STANDARDS FOR SUPPORTING STRUCTURES AND ANTENNAS, REVISION G AND REQUIREMENTS FOR FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.
- 3.) TOWER MANUFACTURER SHALL BE RESPONSIBLE FOR DESIGN AND STRUCTURAL COMPONENTS OF THE TOWER.
- 4.) ALL UTILITY CONNECTIONS SHALL BE COORDINATED WITH THE LOCAL UTILITIES.

- PROPOSED GRADE
 ELEV. = 110.0 ± A.M.S.L.
- EXISTING GRADE
 ELEV. = 113.0 ± A.M.S.L.

GRAPHIC SCALE
 0 4 8 16 24 FEET



CHECKED BY: DJR
APPROVED BY: DPH

SUBMITTALS

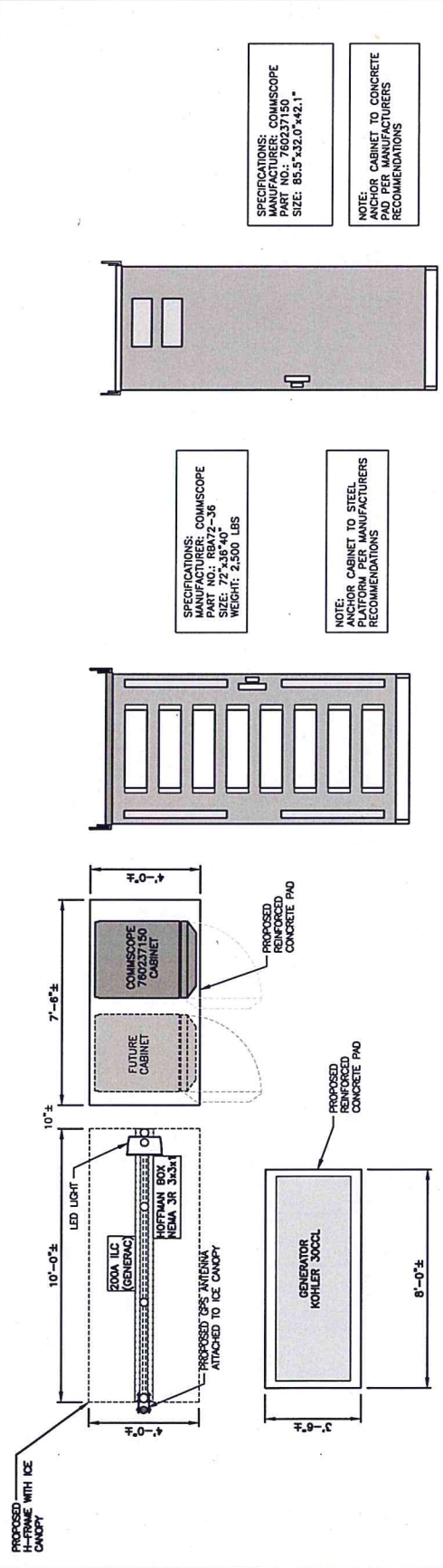
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2	04/27/18	ISSUED FOR PERM. SET	DJR
3	04/27/18	ISSUED FOR PERM. SET	DJR
4	04/27/18	ISSUED FOR PERM. SET	DJR

SITE NAME:
HAMDEN II

SITE ADDRESS:
786 WOODIN STREET
HAMDEN, CT 06514

SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER
A-3

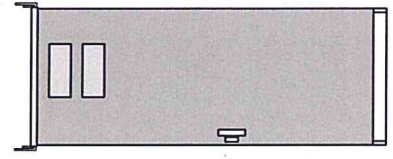


EQUIPMENT CABINET DETAIL 3
SCALE: N.T.S.

SPECIFICATIONS:
MANUFACTURER: COMSCOPE
PART NO.: 760237150
SIZE: 85.5" x 32.0" x 42.1"

NOTE:
ANCHOR CABINET TO CONCRETE PAD PER MANUFACTURER'S RECOMMENDATIONS

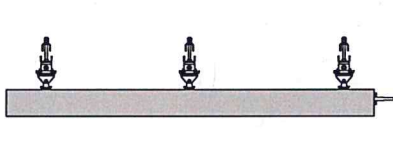
BATTERY CABINET DETAIL 2
SCALE: N.T.S.



SPECIFICATIONS:
MANUFACTURER: COMSCOPE
PART NO.: RB472-36
SIZE: 72" x 36" x 40"
WEIGHT: 2,500 LBS

NOTE:
ANCHOR CABINET TO STEEL PLATFORM PER MANUFACTURER'S RECOMMENDATIONS

ANTENNA DETAIL 7
SCALE: N.T.S.



JAHH-45C-R3B ANTENNA

MANUFACTURER: COMSCOPE
DIMENSIONS: 9" Dx 18" W x 9.5" H
WEIGHT (WITHOUT HARDWARE): 106.3 LBS

SWITCH DETAIL 6
SCALE: N.T.S.



INTERMATIC EF8H

TYPE: DOUBLE GANG
HINGE: VERTICAL
DEPTH: 2-1/4"
COLOR: CLEAR

OR APPROVED EQUIVALENT

TIME CYCLE: 6 HOURS
SWITCH: SPST
HOLD: NO

OR APPROVED EQUIVALENT

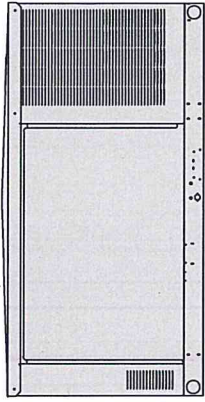
LED FLOOD LIGHT DETAIL 5
SCALE: N.T.S.



COOPER LIGHTING WFLD-NIGHT FALCON
WFLD-125-F-LW-80-S-BK
SUPPLIER MOUNT AND VANDAL SHIELD

MOUNT PER MANUFACTURER'S SPECIFICATIONS.

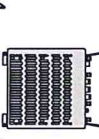
GENERATOR DETAIL 4
SCALE: N.T.S.



SPECIFICATIONS:
MANUFACTURER: KOHLER
PART NO.: 30CCL
SIZE: 89.8" x 32.7" x 46.5"
WEIGHT: 1432 LB.

NOTE:
ANCHOR CABINET TO CONCRETE PAD PER MANUFACTURER'S RECOMMENDATIONS

RRH DETAILS 8
SCALE: N.T.S.



700/850 RFV01U-D2A REMOTE UNITE (RU)

MANUFACTURER: SAMSUNG
POWER SUPPLY: -48V
DIMENSIONS: 13.8" Dx 25.4" W x 25.4" H
WEIGHT: 70.3 LBS



1900/2100 RFV01U-D1A REMOTE UNITE (RU)

MANUFACTURER: SAMSUNG
POWER SUPPLY: -48V
DIMENSIONS: 17.0" Dx 25.4" W x 25.4" H
WEIGHT: 84.4 LBS

REV.	DATE	DESCRIPTION	BY
1	06/07/14	ISSUED FOR PERMITS	SKT
2	07/07/14	ISSUED FOR PERMITS	SKT
3	08/07/14	ISSUED FOR PERMITS	SKT
4	09/07/14	ISSUED FOR PERMITS	SKT

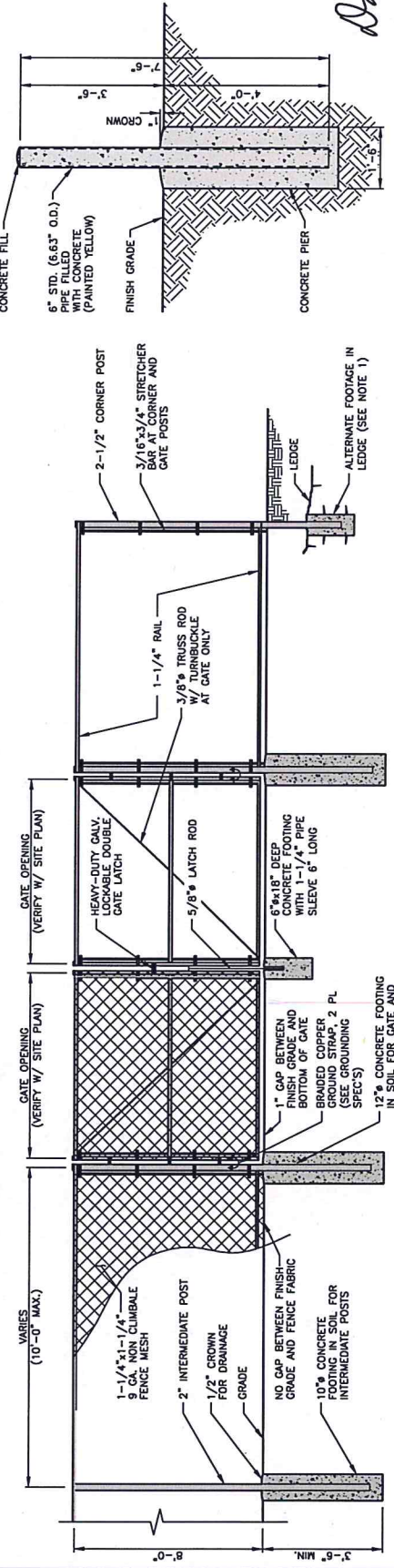
SITE NAME:
HAMDEN II
 SITE ADDRESS:
 756 MOON STREET
 HAMDEN, CT 06514

SHEET TITLE:
SITE DETAILS

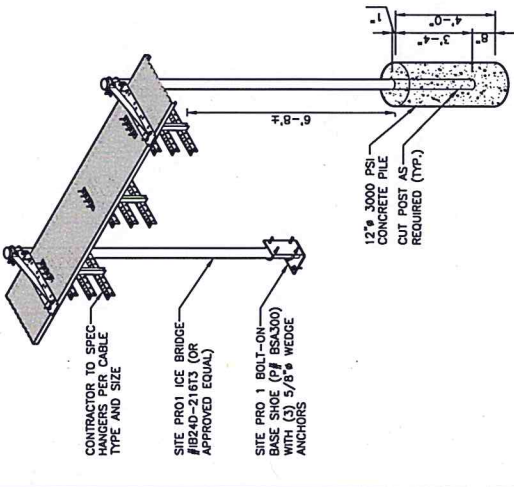
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A-4

FENCE NOTES

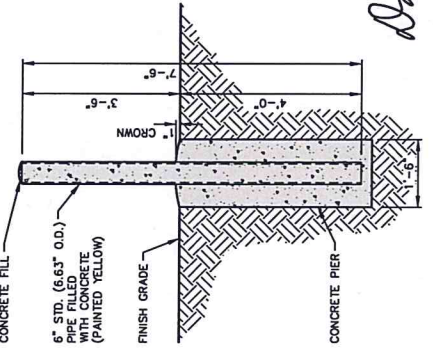
1. ALTERNATE FOOTINGS FOR ALL FENCE POSTS IN LEDGE: IF LEDGE IS ENCOUNTERED AT GRADE, OR AT A DEPTH SHALLOWER THAN 3'-6", CORE DRILL AN 8" DIA HOLE 18" INTO THE LEDGE. CONCRETE SHALL BE PLACED TO THE TOP OF THE LEDGE. IF LEDGE IS BELOW FINISH GRADE, COAT BACKFILLED SECTION OF POST WITH COAL TAR, AND BACKFILL WITH WELL-DRAINING GRANITE.
2. ATTACH EACH GATE WITH 1-1/2" PAIR OF NON-LIFT-OFF TYPE, MALLEABLE IRON OR FORGING, PIN-TYPE HINGES. ASSEMBLIES SHALL ALLOW FOR 180° OF GATE TRAVEL.



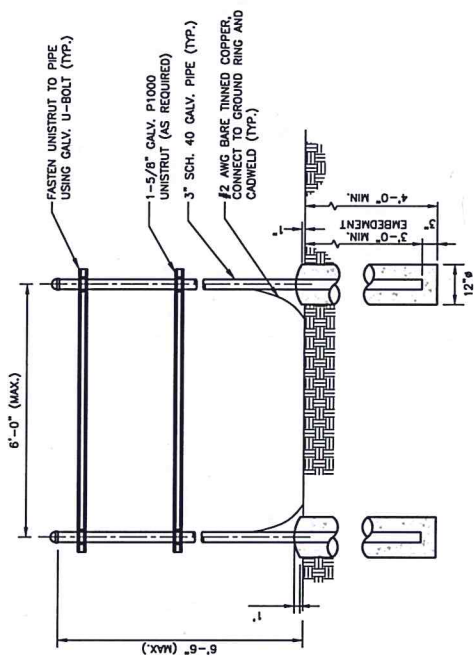
CHAINLINK FENCE DETAIL
 SCALE: N.T.S.



CABLE BRIDGE DETAIL
 SCALE: N.T.S.



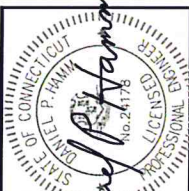
BOLLARD DETAILS
 22x34 SCALE: 1/2"=1'-0"
 11x17 SCALE: 1/4"=1'-0"



TYPICAL H-FRAME DETAIL
 SCALE: N.T.S.



PREPARED FOR: CILCO PARTNERSHIP D.O.A.



Daniel P. Haman

CHECKED BY: DJR
APPROVED BY: DPH

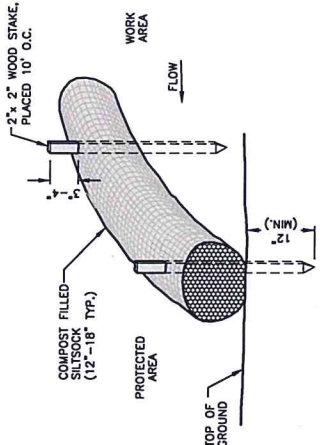
SUBMITTALS	
REV.	DESCRIPTION
1	ISSUED FOR PERMITS
2	ISSUED FOR CONSTRUCTION
3	ISSUED FOR CONSTRUCTION
4	ISSUED FOR CONSTRUCTION
5	ISSUED FOR CONSTRUCTION

SITE NAME:
HAMDEN II

SITE ADDRESS:
786 WOODHURST STREET
HAMDEN, CT 06514

SHEET TITLE
EROSION CONTROL AND DETAILS

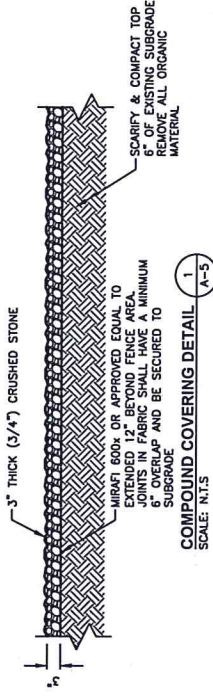
SHEET NUMBER
A-5



NOTES:

- SILT SOCK SHALL BE FILTREXX SILT SOCK, OR APPROVED EQUAL.
- COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
- SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS. REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
- SEE SPECIFICATIONS FOR SOCK SIZE, AND COMPOST FILL REQUIREMENTS.

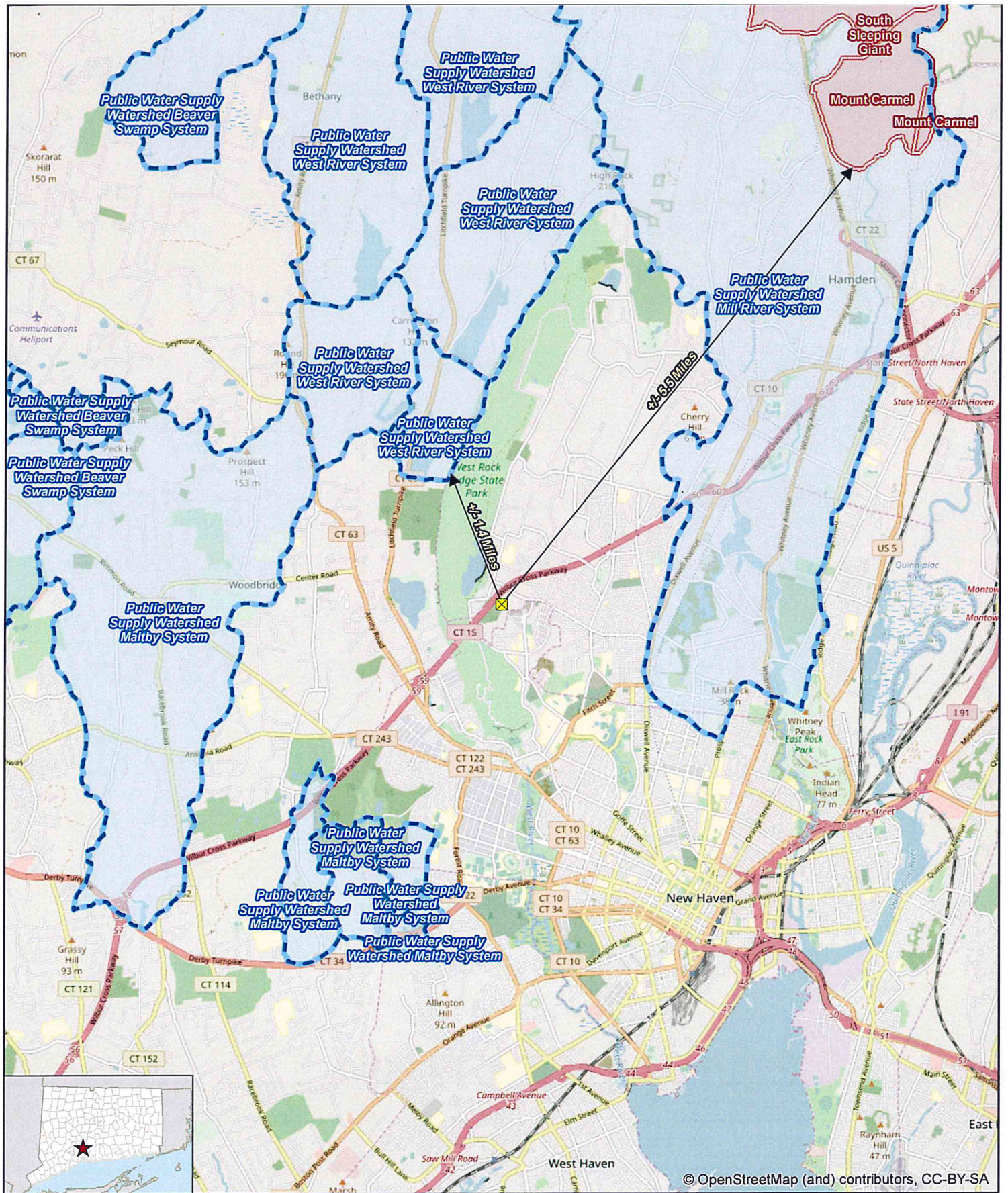
SILT SOCK DETAIL 2
SCALE: N.T.S. A-5



COMPOUND COVERING DETAIL 1
SCALE: N.T.S. A-5

- NOTES:**
- COMPOST ROLLS MUST BE PLACED ALONG SLOPE CONTOURS.
 - STAKES SHOULD BE DRIVEN IN THE MIDDLE OF THE COMPOST LEAVING 2-3 INCHES OF THE STAKE PROTRUDING ABOVE THE COMPOST.
 - STAKES SHOULD BE SPACED AT 3'-4' @ INTERVALS.
 - FIT COMPOST AROUND STORM DRAINS OR INLETS. THE COMPOST SHOULD BE PLACED AT THE END OF THE STAKE. WATER FLOW SHOULD BE DIRECTED AWAY FROM THE STAKE. AFTER WATER FLOW TOWARD THE ANGLE OF DRAINAGE, IF ALL DRAINAGE SOCKLES AROUND THE INLET, SHAKE THE COMPOST ALL THE WAY AROUND THE INLET.
 - WHEN COMPOST IS USED FOR FLAT GROUND APPLICATIONS, DRIVE THE STAKE STRAIGHT INTO THE COMPOST ON SLOPES. DRIVE THE STAKES PERPENDICULAR TO THE SLOPE.
 - USE 18" LONG STAKES FOR HARD, ROCKY SOIL FOR SOFT, LOAMY SOIL. USE 24" STAKE FOR GREATER SECURITY.





ATTACHMENT 5



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Legend

-  Proposed Site
-  Public Water Supply Watershed Boundary

- Aquifer Protection Area (CTDEEP, July 2019)**
-  Final Adopted Aquifer Protection Area
-  Final Aquifer Protection Area
-  Preliminary Aquifer Protection Area
-  State Boundary



Public Water Supply and Aquifer Protection Area Map

Proposed Wireless Telecommunications Facility
 Hamden CT Relo
 796 Woodin Street
 Hamden, Connecticut

