ATTACHMENT 5A

East Haven Site
General Facility Description

82 Short Beach Road, East Haven, Connecticut
Owner: Riverside Volunteer Fire Department
Map/Block/Lot: 140/1324/004
Approximately 0.91 Acres

The proposed facility at the East Haven Site consists of a 2,500 square-foot lease area located in the south-west portion of an approximately 0.91 acre parcel owned by the Riverside Volunteer Fire Department. A new self-supporting monopole tower 103' in height would be constructed. AT&T will install up to 12 panel antennas at the 100' centerline height on the tower. The tower compound will consist of a 2,500 square-foot fenced area to accommodate AT&T's 12' x 20' radio equipment shelter and a 4' x 11' concrete pad for AT&T's emergency generator. An 8-foot high chain link fence would enclose the tower compound. The tower and compound are designed for future shared use by other carriers. Vehicle access to the facility will be provided from Short Beach Road along the western side of the existing parking lot a distance of approximately 150'. Electric and telephone utilities would be extended from Short Beach Road.

Site Evaluation Report

I. LOCATION

A. COORDINATES: 41° 15’ 36.43” N 72° 51’ 20.86” W

B. GROUND ELEVATION: 59’ AMSL

C. USGS MAP: Branford

D. SITE ADDRESS: 82 Short Beach Road, East Haven, Connecticut

E. ZONING WITHIN 1/4 MILE OF SITE: Residential

II. DESCRIPTION

A. SITE SIZE: 2,500 square-foot lease area, 2,500 square-foot compound

B. LESSOR’S PARCEL: ± 0.91 acres

C. TOWER TYPE/HEIGHT: Monopole / 103’ AGL.

D. SITE TOPOGRAPHY AND SURFACE: The proposed East Haven site is located at the edge of mature vegetation on a parcel improved with a fire house and associated asphalt and gravel vehicle access and parking areas.

E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER**:** The subject property at the East Haven site is improved with the volunteer fire department building and associated paved parking area and access drive. Surrounding areas are residentially developed. On-site investigations revealed no wetlands within 100' of the proposed facility compound. A review of available information regarding the site through Federal databases indicates that the site is not located within a 100-year flood zone.

F. LAND USE WITHIN 1/4 MILE OF SITE**:** Land uses within ¼ mile of the site are primarily residential.

III. FACILITIES

A. POWER COMPANY: CL&P

B. POWER PROXIMITY TO SITE: Facilities available from a utility pole on Short Beach Road.

C. TELEPHONE COMPANY: AT&T

D. PHONE SERVICE PROXIMITY: Same as power.

E. VEHICLE ACCESS TO SITE: Access to the facility would be provided from Short Beach Road over the existing paved fire department parking lot a distance of approximately 150'.

F. OBSTRUCTIONS: None

G. CLEARING AND FILL REQUIRED: The compound will require minor clearing and moderate grading. Approximately 800 cubic yards of material will be removed and the same amount will be replaced as controlled fill. Approximately five (5) trees will be removed. Detailed plans would be included in a Development and Management Plan ("D&M" plan) after any approval of the facility which may be issued by the Connecticut Siting Council.

IV. LEGAL

A. PURCHASE [ ] LEASE [X]

B. OWNER: Riverside Volunteer Fire Department

C. ADDRESS: 82 Short Beach Road, East Haven, Connecticut

East Haven Site
Facilities and Equipment Specification

I. TOWER SPECIFICATIONS:

A. MANUFACTURER: To be determined

B. TYPE: Self-Supporting monopole

C. HEIGHT: 103'
DIMENSIONS: Approximately 4' in diameter at the base, tapering to approximately 1.5' at the top.

D. LIGHTING: None as set forth in attached Federal Aviation Administration (FAA) report

II. TOWER LOADING:

A. AT&T – up to 12 panel Antennas
   a. Model – Powerwave P65-15-XLH-RR or P90-14-XLH-RR or equivalent panel antenna
   b. Antenna Dimensions – 51"H x 12"W x 6"D / 48"H x 12"W x 6"D
   c. Position on Tower – 100' centerline mounted on low profile platform
   d. Transmission Lines – MFG: Commscope; Size 1-5/8"

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-F "Structural Standards for Steel Antenna Towers and Antenna Support Structures" and the 2003 International Building Code with 2005 Connecticut 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.

PROJECT DESCRIPTION:

CONSTRUCTION OF PUBLIC UTILITY/PERSONAL WIRELESS SERVICE FACILITY CONSISTING OF A MONOPOLE TOWER, INITIALLY (1) EQUIPMENT SHELTER, AND A UTILITY BACKBOARD WITHIN A FENCED COMPOUND. NO WATER OR SEWER IS REQUIRED.

CODE COMPLIANCE:

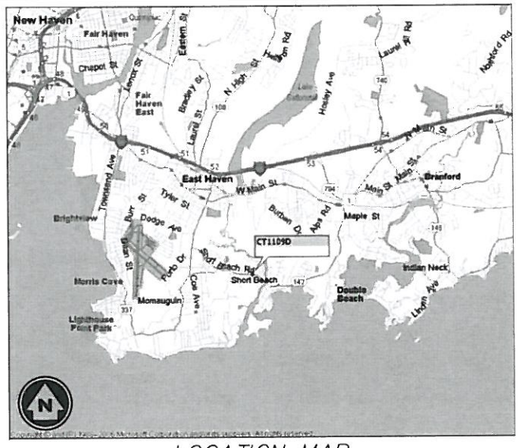
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. CT BUILDING CODE
2. UNIFORM BUILDING CODE
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA)
4. UNIFORM MECHANICAL CODE
5. ANSI/TIA/EIA-222-F
6. UNIFORM PLUMBING CODE
7. NATIONAL ELECTRICAL CODE
8. LOCAL BUILDING CODE
9. CITY/COUNTY ORDINANCES

NORTH ATLANTIC TOWERS

EAST HAVEN RIVERSIDE VFD
SITE ID: CT1109-D
82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

infinigy engineering

11 HERBERT DRIVE
LATHAM, NY 12110
OFFICE #: (518) 690-0790
FAX #: (518) 690-0793

PROPOSED TOWER HEIGHT: ±103' AGL
LATITUDE: 41° 15' 36.43" N
LONGITUDE: 72° 51' 20.86" W
ELEVATION: ±59' AMSL

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

DIG ALERT:
CALL FOR UNDERGROUND UTILITIES PRIOR TO DIGGING:
1-800-922-4455

EMERGENCY:
CALL 911

NEW HAVEN COUNTY, CONNECTICUT

PROJECT INFORMATION

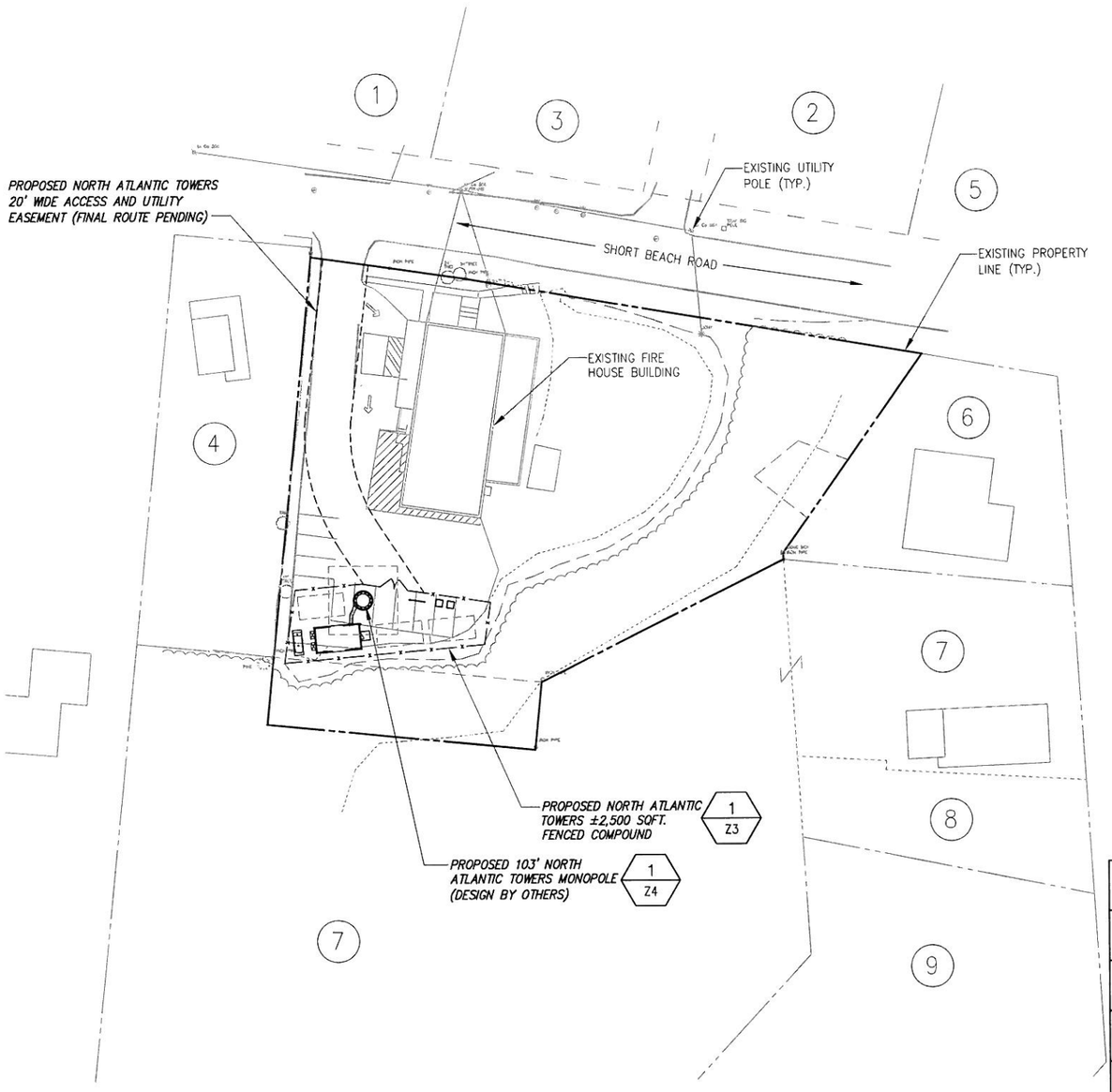
SITE NAME:	EAST HAVEN RIVERSIDE VFD
SITE ID:	CT1109-D
SITE ADDRESS:	82 SHORT BEACH RD. EAST HAVEN, CT 06512
ZONING JURISDICTION:	TOWN OF EAST HAVEN
ZONING CLASSIFICATION:	R-1
PARCEL ID:	140/1324/004/
PARENT PARCEL SIZE:	.91 ACRES
CONSTRUCTION AREA:	±2,500 SQ. FEET
LENGTH OF ACCESS:	±150 FEET
LATITUDE: LONGITUDE:	41° 15' 36.43" N 72° 51' 20.86" W

PROJECT DIRECTORY

PROPERTY OWNER:	RIVERSIDE VOLUNTEER FIRE DEPT. 82 SHORT BEACH ROAD EAST HAVEN, CT 06512
CONTACT:	TEL: (XXX) XXX-XXXX
APPLICANT:	NORTH ATLANTIC TOWERS 1001 3RD AVE WEST, SUITE 420 BRADENTON, FL 34205
CONTACT:	DAN SHRIVER (941) 757-5010
ENGINEER:	INFINIGY ENGINEERING PLLC 11 HERBERT DRIVE LATHAM, NY 12110
CONTACT:	KEN CURLEY (518) 690-0790
ATTORNEY:	CUDDY & FEDER LLP 445 HAMILTON AVE, 14TH FLOOR WHITE PLAINS, NY 10601
CONTACT:	LUCIA CHIOCCHIO, ESQ. PHONE: (914) 761-1300
POWER COMPANY:	TBD
TELCO COMPANY:	TBD

DRAWING INDEX

DRWG. #	TITLE	REV.#	DATE
T1	TITLE SHEET	3	3/30/12
Z1	ABUTTERS MAP	3	3/30/12
Z2	OVERALL SITE LAYOUT	3	3/30/12
Z3	ENLARGED SITE LAYOUT	3	3/30/12
Z4	ELEVATION VIEW & DETAILS	3	3/30/12
Z5	DETAILS	3	3/30/12
Z6	DETAILS	3	3/30/12



1 ABUTTERS MAP
-- SCALE: AS NOTED

TRUE NORTH

GRAPHIC SCALE

60' 30' 0 30' 60'

SCALE (11x17): 1" = 60'-0"
SCALE (22x34): 1" = 30'-0"

BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 3/11/11, AND A SURVEY PERFORMED BY INFINIGY SURVEYING, DATED: 4/8/11.

NOTE:
1. THERE ARE APPROXIMATELY 115 RESIDENTIAL STRUCTURES WITHIN A 1000' RADIUS OF THE PROPOSED NORTH ATLANTIC TOWERS MONOPOLE, BASED ON AERIAL IMAGERY.
2. LOCALIZED TREE REMOVAL TO BE COMPLETED FOR INSTALLATION OF PWSF ONLY ESTIMATED NUMBER OF TREES TO BE REMOVED IS APPROXIMATLY FIVE (5).

KEY #	Parcel ID	Site Address	Owner Name	Mailing Address	Mailing City	Mailing State	Mailing Zip
1	140-1324-013	71 SHORT BEACH RD	Anthony & Delmonte Pellegrino	71 SHORT BEACH RD	EAST HAVEN	CT	6412
2	140-1324-006	61 SHORT BEACH RD	LUDEN ROBERT E 7 HANNAH M S	61 SHORT BEACH RD	EAST HAVEN	CT	6412
3	140-1324-007	65 SHORT BEACH RD	TRG 65 SHORT BEACH LLC	65 SHORT BEACH RD	EAST HAVEN	CT	6412
4	140-1324-003	90 SHORT BEACH RD	BERARDI JAMES EDWARD	90 SHORT BEACH RD	EAST HAVEN	CT	6412
5	140-1325-007	4 CLIFF ST	VALENTE CHRISTOPHER	4 CLIFF ST	EAST HAVEN	CT	6412
6	140-1325-001	58 HILTON AVE	BURWELL NACY J & DIBIASO DONALD R	58 HILTON AVE	EAST HAVEN	CT	6412
7	140-1225-005	54 HILTON AVE	WILLIAMS BRUCE H	54 HILTON AVE	EAST HAVEN	CT	6412
8	140-1225-004	46 HILTON AVE	DELEGORGES WILLIAM	46 HILTON AVE	EAST HAVEN	CT	6412
9	140-1225-003	40 HILTON AVE	CONNELLY GEORGE F & ARLINE J	40 HILTON AVE	EAST HAVEN	CT	6412

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

infinigy engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793

No.	Submittal / Revision	Appd	Date
3	REVISED PER COMMENTS	AJD	3/30/12
2	REVISED PER COMMENTS	SKB	3/13/12
1	REVISED PER COMMENTS	SKB	5/31/11
0	ISSUED FOR REVIEW	SKB	5/24/11

Drawn: SKB Date: 5/24/11
Designed: SKB Date: 5/24/11
Checked: AJD Date: 5/24/11

Project Number
226-101

Project Title
EAST HAVEN
RIVERSIDE VFD
CT1109-D

82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

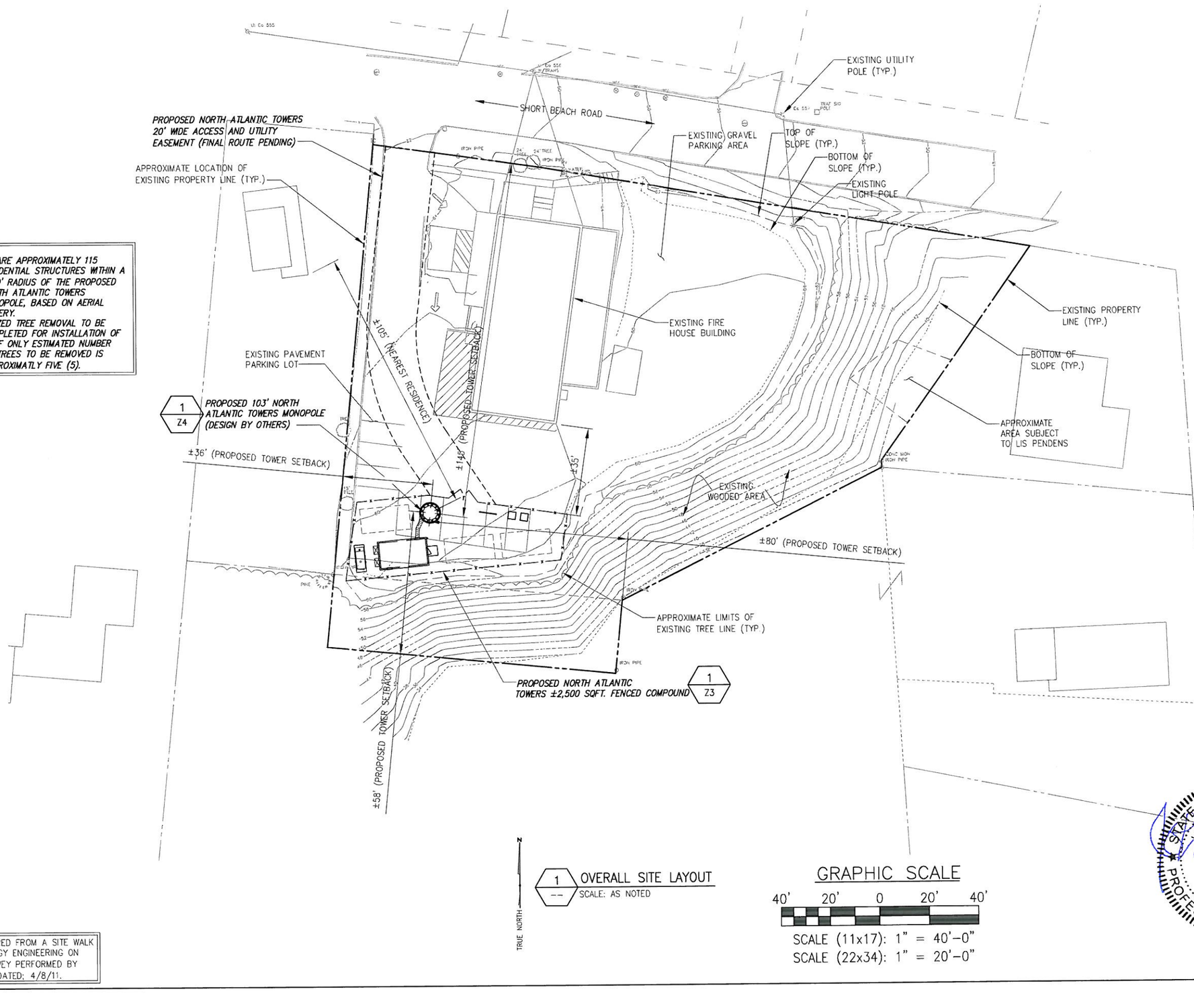
Prepared For
NORTH ATLANTIC TOWERS

Drawing Scale: AS NOTED
Date: 3/13/12

ZD

Drawing Title
ABUTTERS MAP

Drawing Number
Z1



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BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 3/11/11, AND A SURVEY PERFORMED BY INFINIGY SURVEYING, DATED; 4/8/11.

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NORTH ATLANTIC TOWERS

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ZD

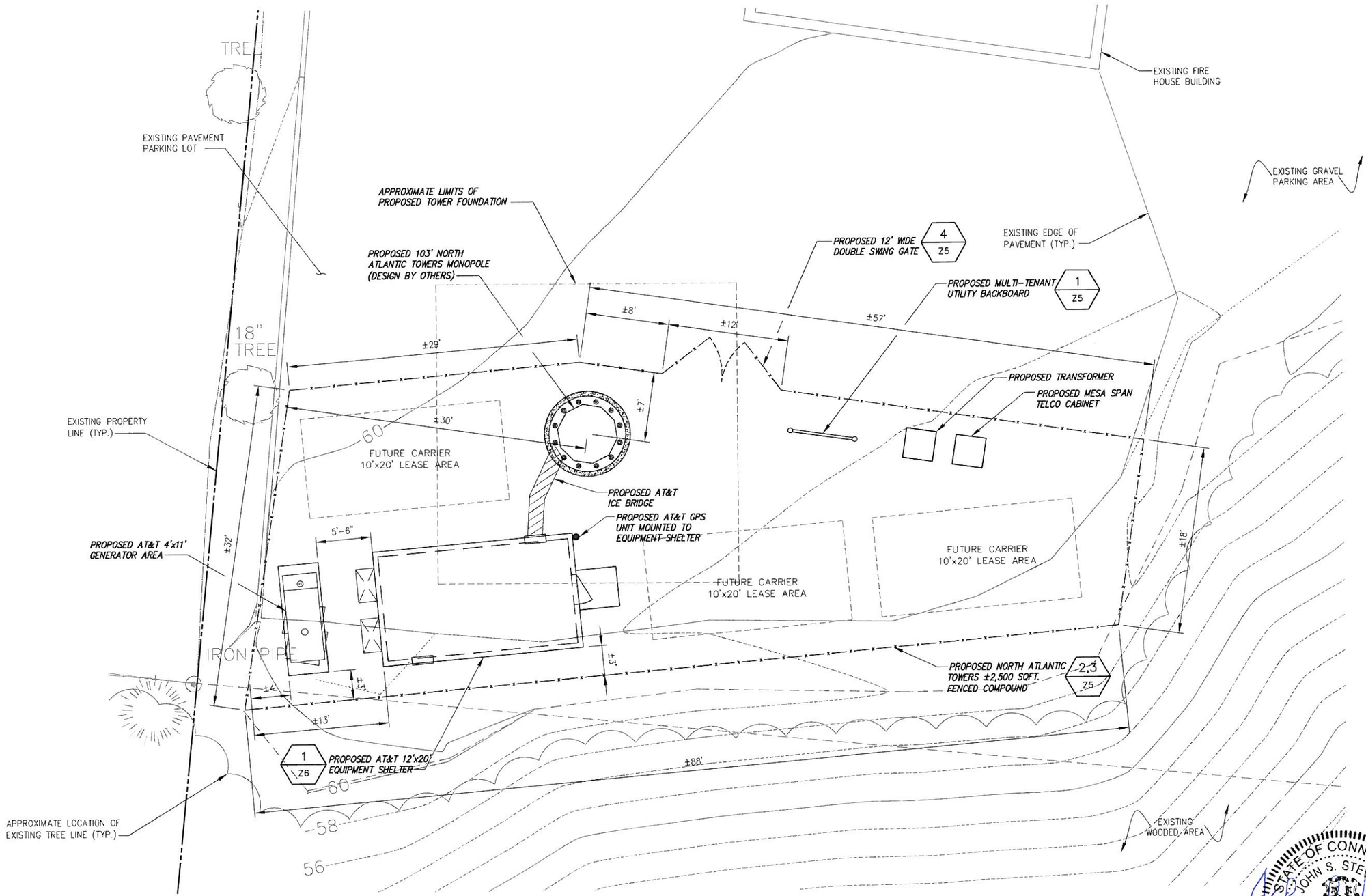
Drawing Title

OVERALL SITE LAYOUT

Drawing Number

Z2

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER



BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 3/11/11, AND A SURVEY PERFORMED BY INFINIGY SURVEYING, DATED: 4/8/11.

N

TRUE NORTH

1 / -- ENLARGED SITE LAYOUT
SCALE: AS NOTED

GRAPHIC SCALE
20' 10' 0 10' 20'
SCALE (11x17): 1" = 20'-0"
SCALE (22x34): 1" = 10'-0"

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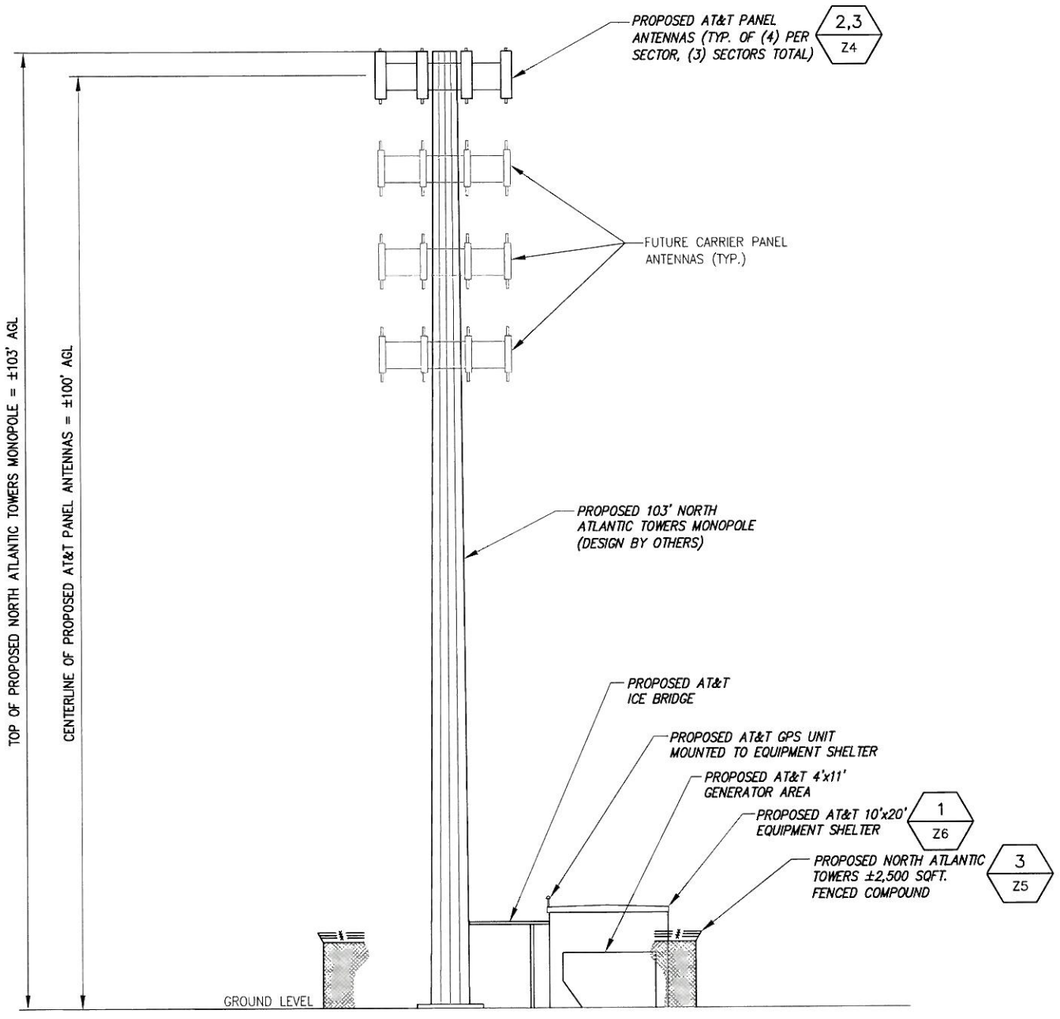
ZD

Drawing Title
ENLARGED SITE LAYOUT

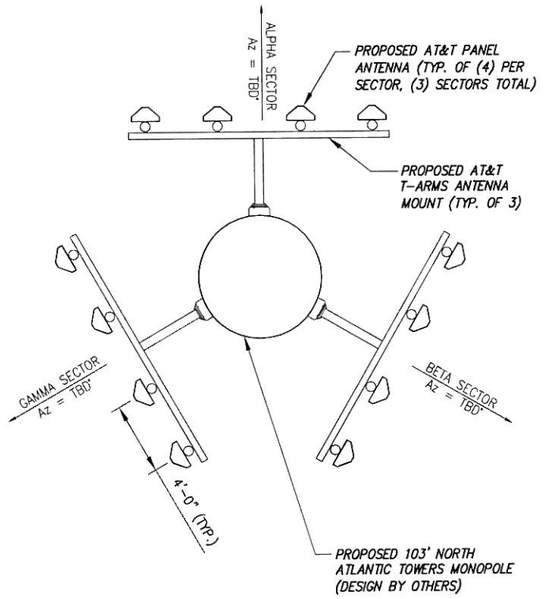
Drawing Number
Z3



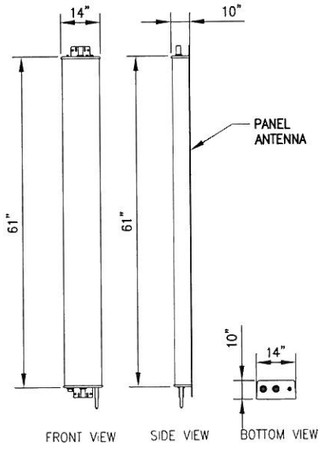
1 -- TOWER ELEVATION VIEW
NOT TO SCALE

STRUCTURAL ANALYSIS NOT COMPLETED AT TIME IF ISSUANCE OF THESE DRAWINGS. THE STRUCTURAL ANALYSIS MUST BE COMPLETED PRIOR TO CONSTRUCTION.

PROPOSED ANTENNA RAD CENTER IS PRELIMINARY AND IS SUBJECT TO CHANGE WITH FINAL RF CONFIGURATION BY RF ENGINEER.



2 -- ANTENNA ORIENTATION (AT&T)
NOT TO SCALE



3 -- ANTENNA DIMENSIONS (AT&T)
NOT TO SCALE

infinigy engineering
11 Herbert Drive
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82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

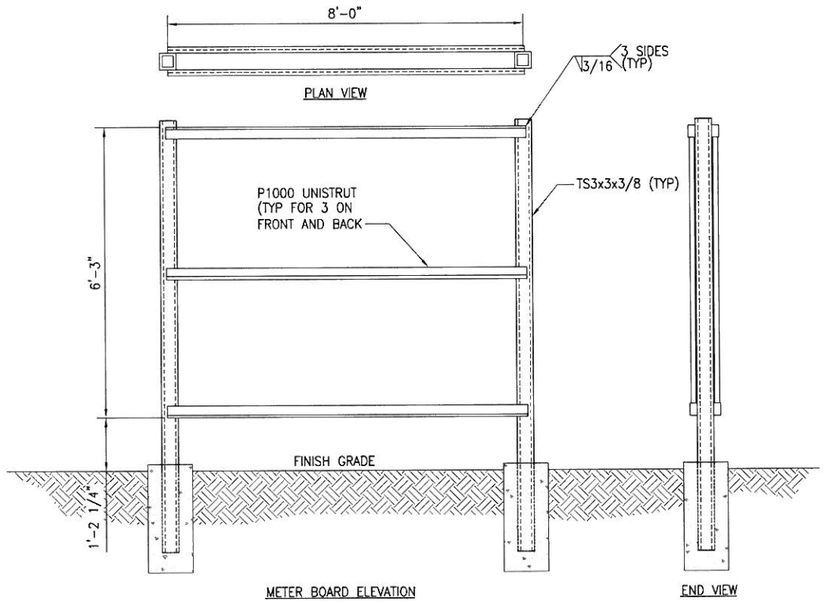
Prepared For
NORTH ATLANTIC TOWERS

Drawing Scale: AS NOTED
Date: 3/13/12

ZD

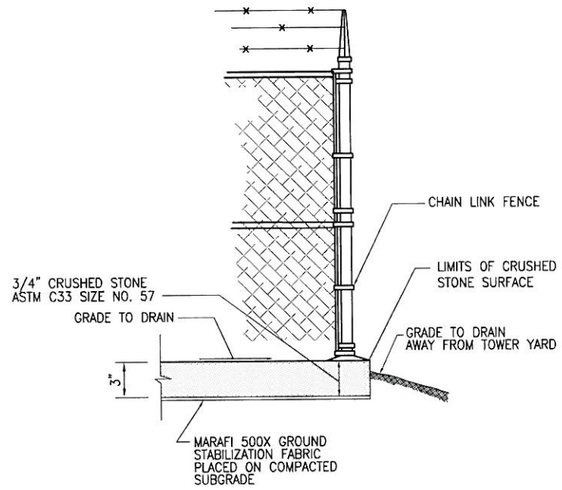
Drawing Title
ELEVATION VIEW & DETAILS

Drawing Number
Z4



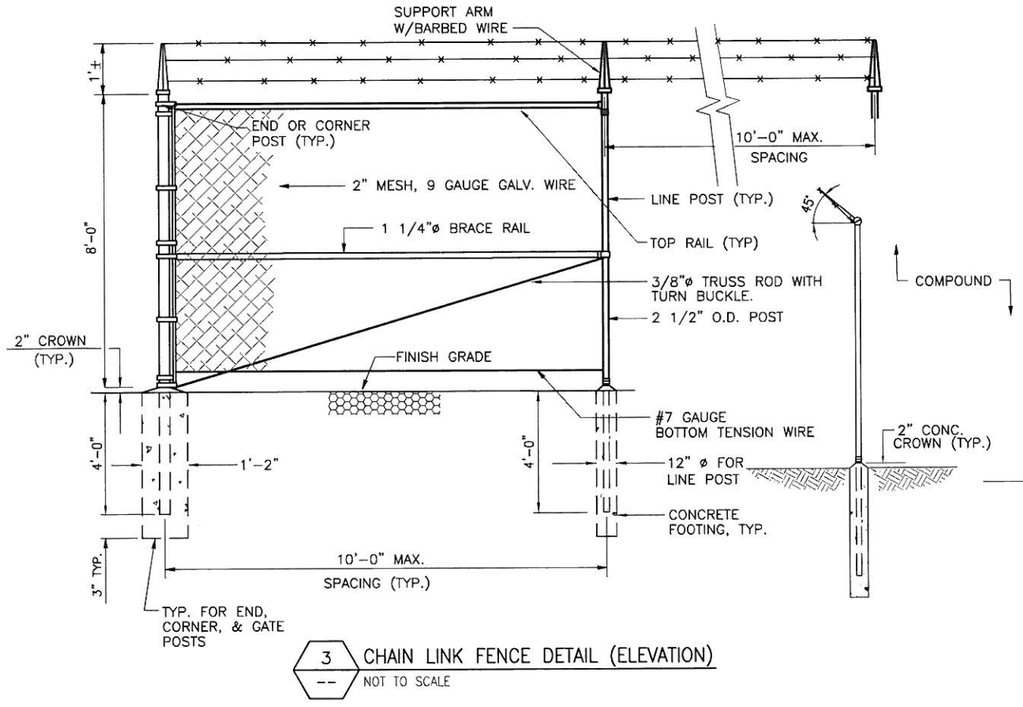
1 — NOT TO SCALE

8'-0" WIDE METER BOARD FABRICATION DETAIL



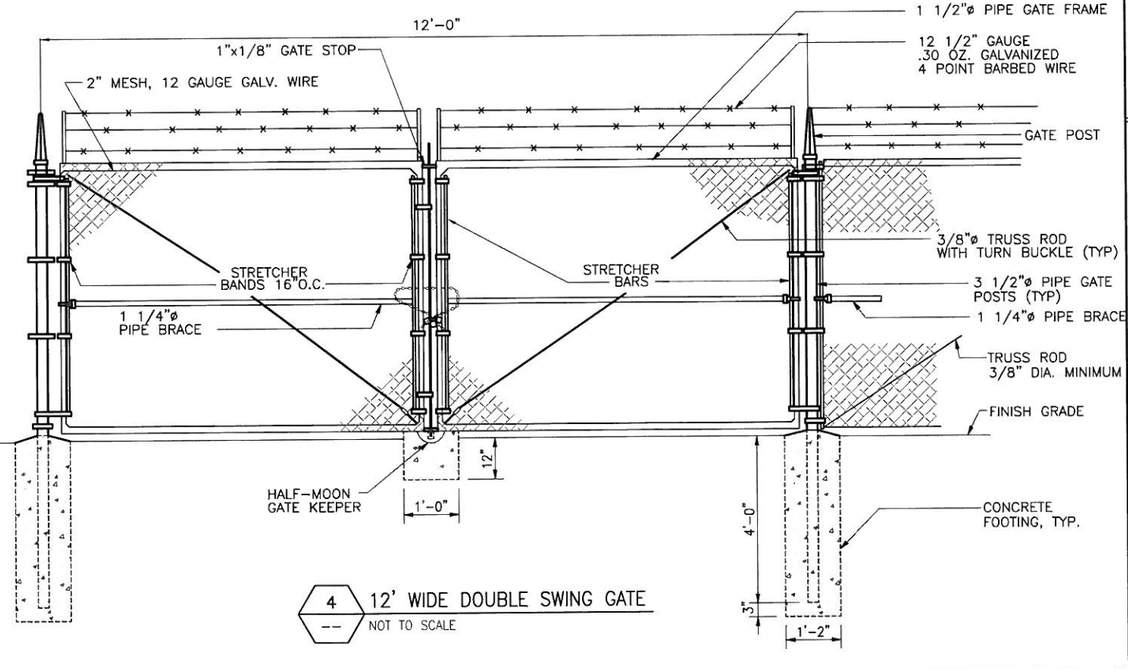
2 — NOT TO SCALE

SECTION THROUGH COMPOUND



3 — NOT TO SCALE

CHAIN LINK FENCE DETAIL (ELEVATION)



4 — NOT TO SCALE

12' WIDE DOUBLE SWING GATE

infinigy engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

THIS DRAWING IS INCOMPLETE WITHOUT THE ADDITION OF APPLICABLE STATE AND/OR LOCAL LAWS

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RIVERSIDE VFD
CT1109-D

82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

Prepared For

NORTH ATLANTIC TOWERS

Drawing Scale: AS NOTED
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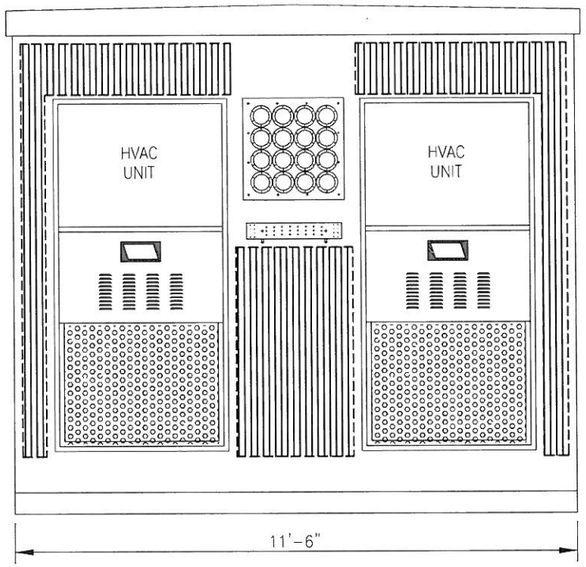
ZD

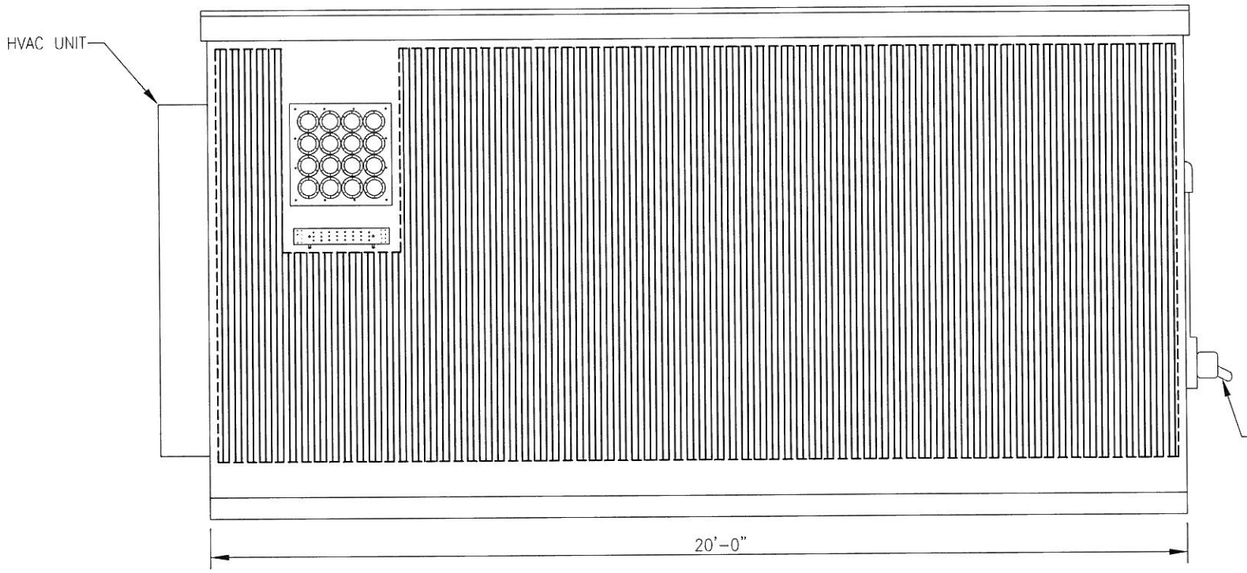
Drawing Title

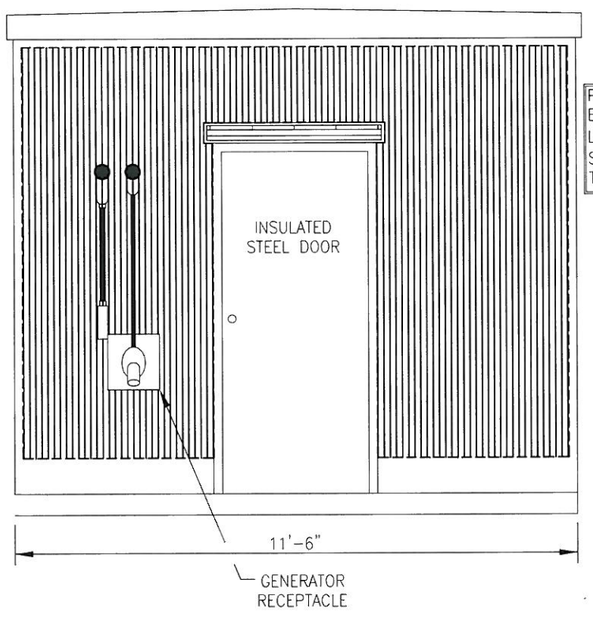
DETAILS

Drawing Number

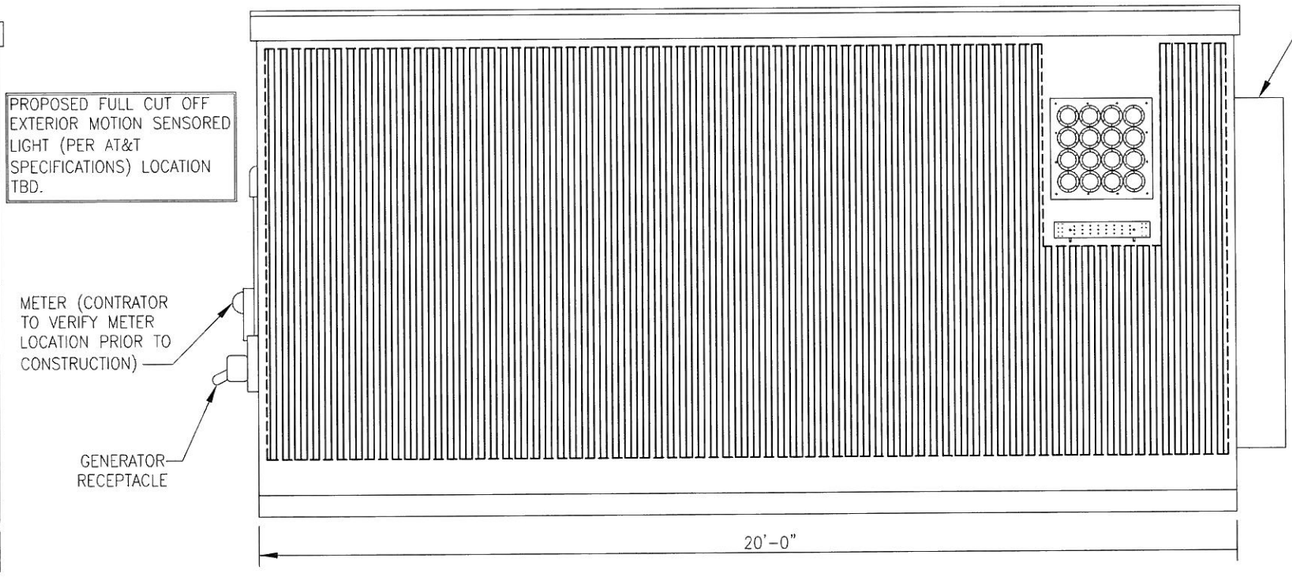
Z5







PROPOSED FULL CUT OFF EXTERIOR MOTION SENSORED LIGHT (PER AT&T SPECIFICATIONS) LOCATION TBD.



NOTE: THE SHELTER SHOWN IS OF A TYPICAL LAYOUT ONLY. CONTRACTOR TO REFER TO FINAL MANUFACTURER'S SHELTER DESIGN DRAWINGS FOR EXACT DIMENSIONS, EQUIPMENT LOCATIONS AND CONDUIT PENETRATIONS, ETC., PRIOR TO CONSTRUCTION.

1 / -- TYPICAL EQUIPMENT BUILDING
NOT TO SCALE

nfinigy engineering
11 Herbert Drive
Latham, NY 12110
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FAX: (518) 690-0793

STATE OF CONNECTICUT
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EAST HAVEN
RIVERSIDE VFD
CT1109-D

82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

Prepared For

NORTH ATLANTIC TOWERS

Drawing Scale:
AS NOTED

Date:
3/13/12

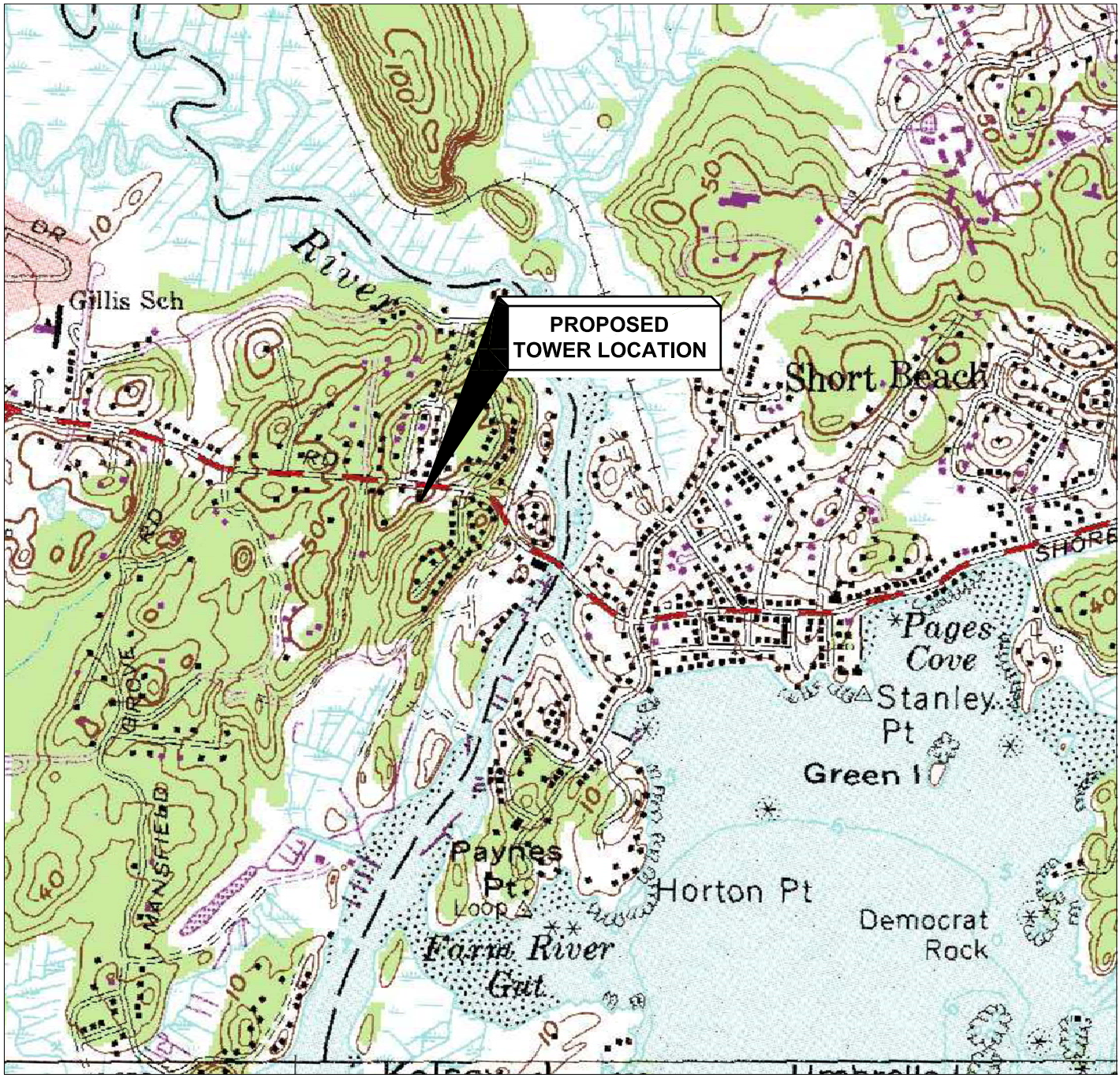
ZD

Drawing Title

DETAILS

Drawing Number

Z6



1 TOPOGRAPHIC MAP

APPROX. NORTH

1000' 500' 0 500' 1000'

TOPOGRAPHY SHOWN BASED ON USGS MAP: "BRANFORD, CONN.; 1072-C7-TF-024; 1967, PHOTOREVISED 1984; DMA 6466 IV SE-SERIES V816"

DRAWING SIZE: 8.5" x 11"

infinigy engineering
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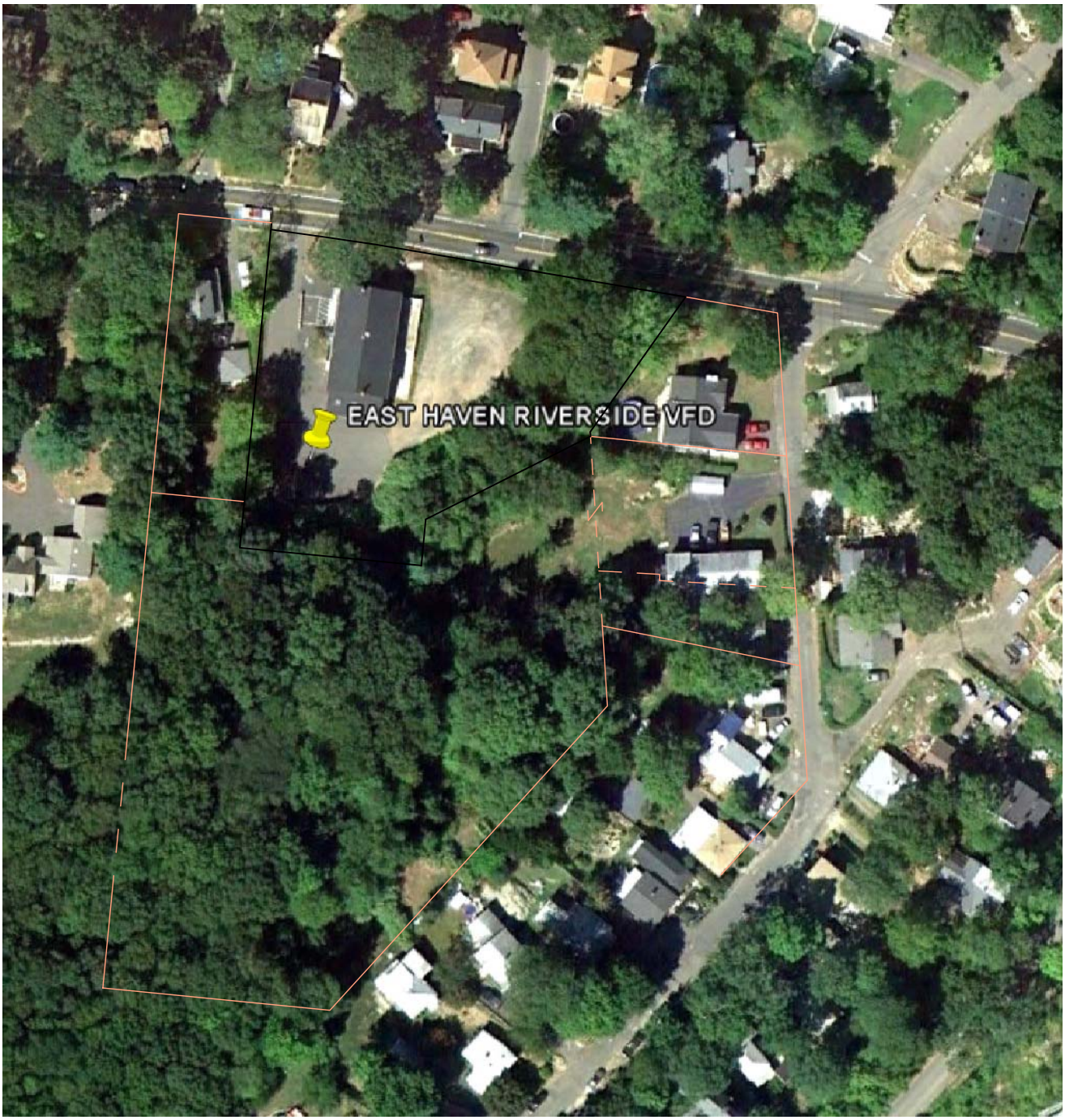
OFFICE: (518) 690-0790
FAX: (518) 690-0793
INFINIGY PROJECT #: 226-053

USGS QUAD MAP-EAST HAVEN RIVERSIDE VFD

SITE NAME: EAST HAVEN RIVERSIDE VFD
SITE I.D.: CT1109D
SITE ADDRESS: 82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

DRAWING SCALE: AS NOTED	DATE: 3/30/12	REV: 0



100' 50' 0 100'

1 AERIAL PHOTOGRAPH

N

APPROX. NORTH

AERIAL PHOTOGRAPH BASED ON GOOGLE EARTH IMAGE DATED 2011

infinigy engineering
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INFINIGY PROJECT #: 226-064

AERIAL PHOTOGRAPH—EAST HAVEN RIVERSIDE VFD

SITE NAME: EAST HAVEN RIVERSIDE VFD
SITE I.D.: CT1109D
SITE ADDRESS: 82 SHORT BEACH ROAD
EAST HAVEN, CT 06512

DRAWING SCALE: AS NOTED	DATE: 5/31/11	REV: 0

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76137

Aeronautical Study No.
2011-ANE-1902-OE
Prior Study No.
2011-ANE-939-OE

Issued Date: 01/19/2012

Curtis Miller
Florida Tower Partners, LLC
1001 3rd Avenue West
Suite 420
Bradenton, FL 34205

**** 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 CT1109(D) Branford
Location:	East Haven, CT
Latitude:	41-15-36.43N NAD 83
Longitude:	72-51-20.86W
Heights:	59 feet site elevation (SE)
	103 feet above ground level (AGL)
	162 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part I)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part II)

See attachment for additional condition(s) or information.
To coordinate frequency activation and verify that no interference is caused to FAA facilities, prior to beginning any transmission from the site you must contact Trisha Jackson at 203-773-2158.

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 and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 103 feet above ground level (162 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 07/19/2013 unless:

(a) extended, revised or terminated by the issuing office.
(b) 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 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 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.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

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 (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-ANE-1902-OE.

Signature Control No: 154527337-157460140 (DNE)
Cindy Whitten
Specialist

Attachment(s)
Additional Information
Frequency Data
Map(s)

cc: FCC

Additional information for ASN 2011-ANE-1902-OE

To coordinate frequency activation and verify that no interference is caused to FAA facilities (HVN RTR), prior to beginning any transmission from the site the proponent must contact Trisha Jackson at 203-773-2158.

Frequency Data for ASN 2011-ANE-1902-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
698	806	MHz	1000	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
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
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2100	2199	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W