

SITE EVALUATION REPORT

I. LOCATION

- A. COORDINATES: N 41°20' 59.24"
W 72°57' 45.31"
- B. GROUND ELEVATION: 123 +/- feet AMSL(Proposed)
- C. USGS MAP: 7.5 Minute Series Topographic Quadrangle Map, New Haven, Connecticut, 1984.
- D. SITE ADDRESS: 796 Woodin Street
Hamden, CT 06514
- E. ZONING CLASSIFICATION: Parcel is zoned R-2

II. DESCRIPTION

- A. SITE SIZE: 4,900 square feet
- B. TOWER TYPE/HEIGHT: 120 foot monopole with antenna to 124 feet
- C. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER:
The existing terrain consists largely of existing forested area on a residential lot. There are wetlands located on the Property, but the leased area and the proposed development is outside the wetlands.
- D. LAND USE WITHIN ¼ MILE OF SITE: A mix of forested land, residential development, and Route 15 (Wilbur Cross Highway).
- E. LOCATION OF ALL SCHOOLS NEAR SITE: The closest school is located approximately 0.5 miles from the proposed Site. This school is located at 195 Wilmot Road in New Haven (Clarence Rogers School). The nearest commercial day care center is located approximately 0.7 miles from the proposed Site. This day care center is located at 196 Belden Road (Marguerite Kraus Daycare).

III. FACILITIES

- A. POWER COMPANY: United Illuminating

- B. POWER PROXIMITY TO SITE: Existing utility pole 2244 is immediately adjacent to the site.
- C. TELEPHONE COMPANY: Frontier Communications
- D. PHONE SERVICE PROXIMITY: Existing utility pole 2244 is immediately adjacent to the site.
- E. VEHICLE ACCESS TO SITE: Access to the proposed tower would be across a proposed gravel drive.
- F. OBSTRUCTION: None

IV. LEGAL

- A. PURCHASE [] LEASE [X]
- B. OWNER: Gabrielle Scirocco
- C. ADDRESS: 796 Woodin Street, Hamden, Connecticut 06514
- D. DEED ON FILE AT: Book 4185/Page 80

PROJECT SUMMARY

SCOPE OF WORK: TARPON TOWERS II, LLC IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENTS:

120 FOOT MONOPOLE
70'x70' 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) ANTENNAS,
TWO (2) DUAL BAND REMOTE RADIO UNITS (RRU) PER SECTOR, TOTAL OF (6) DUAL BAND RRHS WITH ASSOCIATED CABLING AND APPURTENANCES.

SITE ADDRESS: 796 WOODIN STREET
HAMDEN, CT 06514

LATITUDE: 41° 20' 59.32" N
LONGITUDE: 72° 57' 45.29" W

PROPERTY OWNER: GABRIELLE SCIROCCO
796 WOODIN STREET
HAMDEN, CT 06514

TAX MAP#: 2322/110/00/0000

POWER COMPANY: UNITED ILLUMINATING
TELEPHONE COMPANY: FRONTIER COMMUNICATIONS

TOWER OWNER/APPLICANT: TARPON 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 06492



CELLCO PARTNERSHIP

d.b.a. **verizon** ✓
WIRELESS COMMUNICATIONS FACILITY

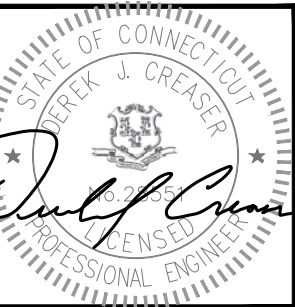
SITE NUMBER: CT1225
SITE NAME: HAMDEN II



PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



45 BEECHWOOD DRIVE N. ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586



CHECKED BY: DJR

APPROVED BY: DJR

DRAWING INDEX

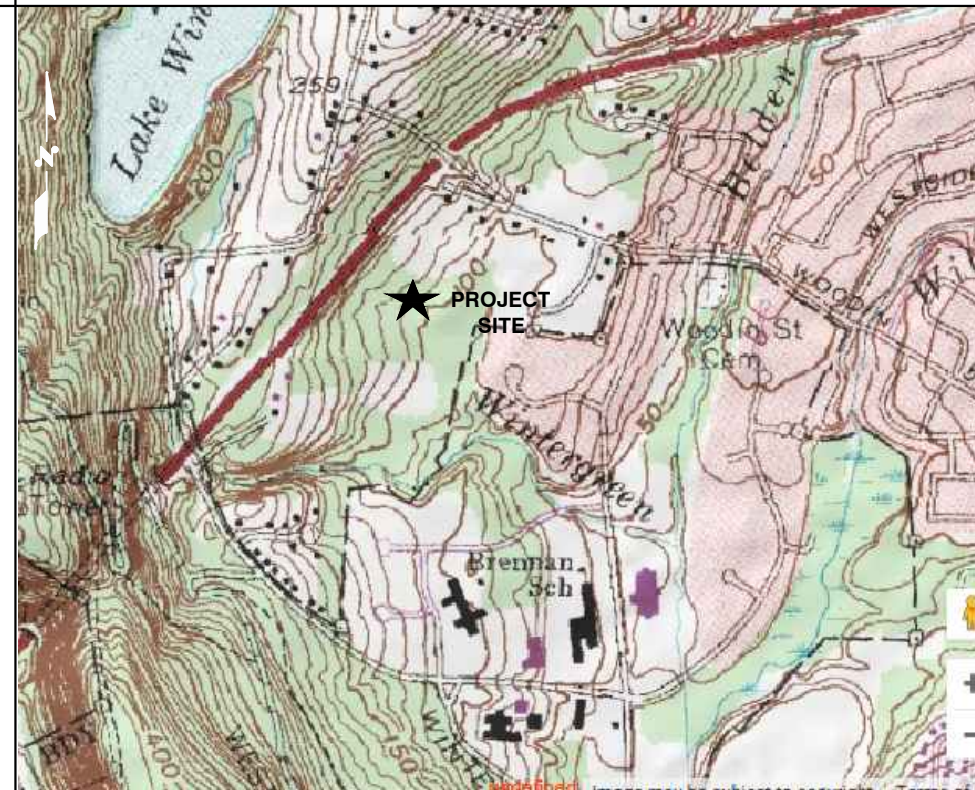
REV

VICINITY MAP

GENERAL NOTES

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

- 2
- 2
- 2
- 2
- 2
- 2
- 2
- 2
- 2



1. THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF TARPON TOWERS II. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.
2. 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 GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
2	06/14/19	RELOCATED TOWER	SLY
1	05/28/19	REVISED PER COMMENTS	SLY
0	05/14/19	ISSUED FOR REVIEW	KAM

SITE NAME:

HAMDEN II

SITE ADDRESS:
796 WOODIN STREET
HAMDEN, CT 06514

SHEET TITLE

SITE PLAN

SHEET NUMBER

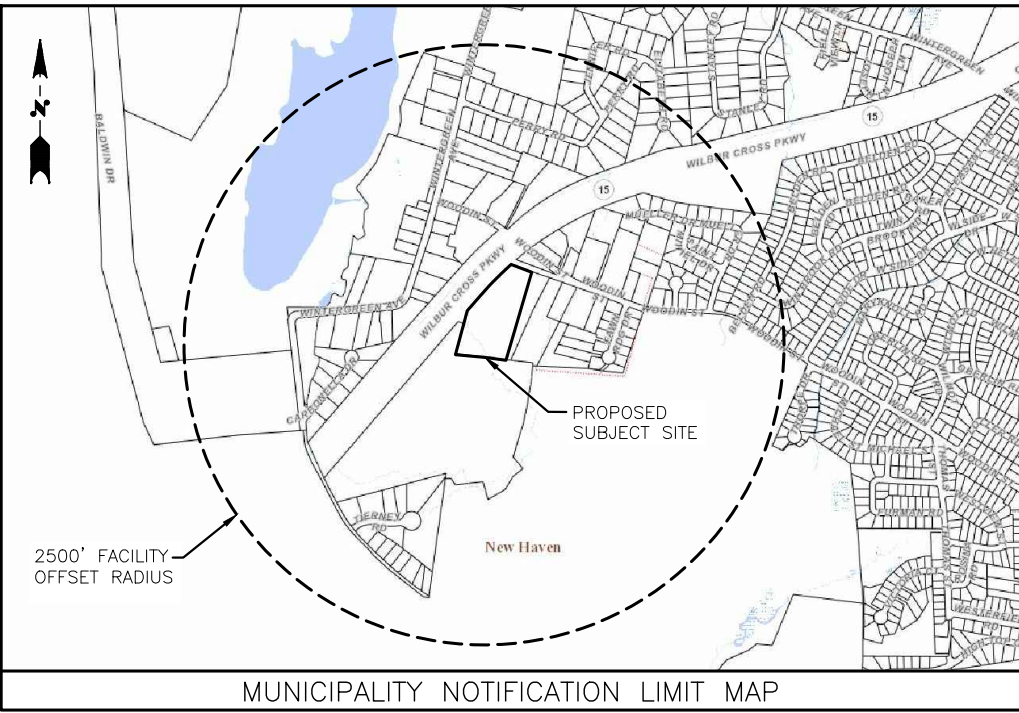
T-1

ABUTTERS:

2221~33
1090 WINTERGREEN AVENUE
N/F
CITY OF NEW HAVEN
NATURE CENTER
1090 WINTERGREEN AVENUE
HAMDEN, CT 06518

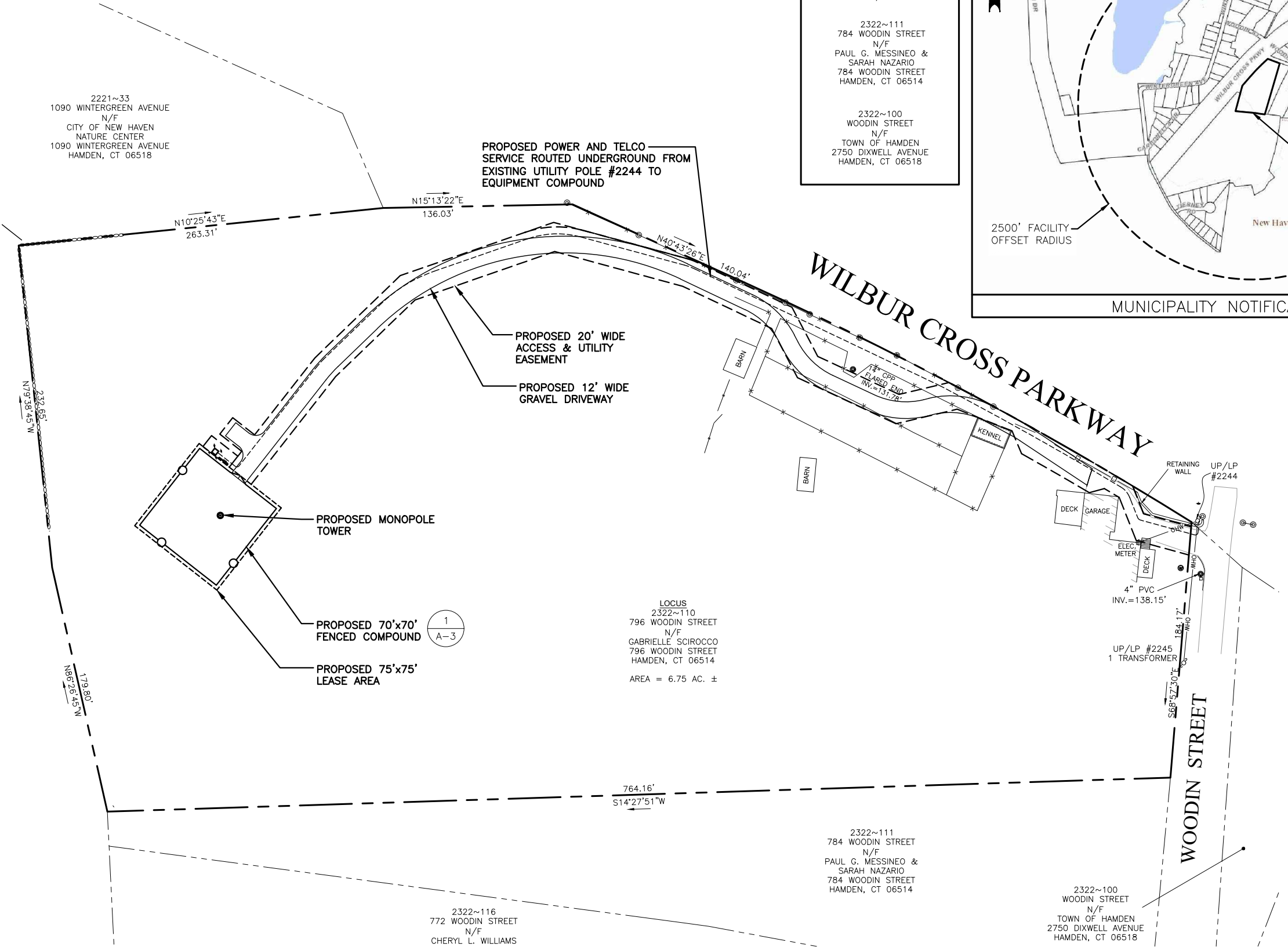
2322~111
784 WOODIN STREET
N/F
PAUL G. MESSINEO &
SARAH NAZARIO
784 WOODIN STREET
HAMDEN, CT 06514

2322~100
WOODIN STREET
N/F
TOWN OF HAMDEN
2750 DIXWELL AVENUE
HAMDEN, CT 06518



2221~33
1090 WINTERGREEN AVENUE
N/F
CITY OF NEW HAVEN
NATURE CENTER
1090 WINTERGREEN AVENUE
HAMDEN, CT 06518

PROPOSED POWER AND TELCO SERVICE ROUTED UNDERGROUND FROM EXISTING UTILITY POLE #2244 TO EQUIPMENT COMPOUND

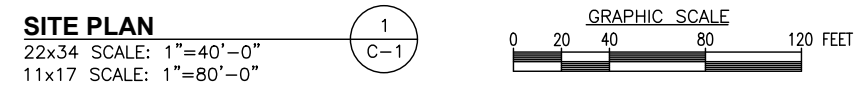


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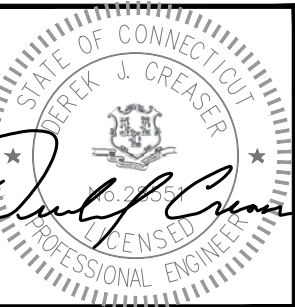
NORTHEAST SURVEY CONSULTANTS,
ABUTTERS PLAN AND EXISTING
CONDITIONS DATED 06/13/19

LEGEND

- PROPERTY LINE - SUBJECT PARCEL
- - - ABUTTERS PROPERTY LINE
- - - EXISTING CONTOUR LINE
- ~ ~ ~ TREE LINE
- BARBED WIRE FENCE REMAINS
- OHW OVERHEAD WIRE
- EXISTING RAIL FENCE
- - - WETLAND FLAG LINE
- 1-22 WETLAND FLAG NUMBER
- CONIFEROUS TREE
- DECIDUOUS TREE
- TREE TO BE REMOVED
- STONE WALL
- TOWER CONTROL POINT
- WELL
- UTILITY POLE
- 542 - PROPOSED CONTOUR LINE
- EXISTING BUILDING
- SILT SOCK
- PROPOSED FENCE



PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



CHECKED BY: DJR

APPROVED BY: DJR

SUBMITTALS

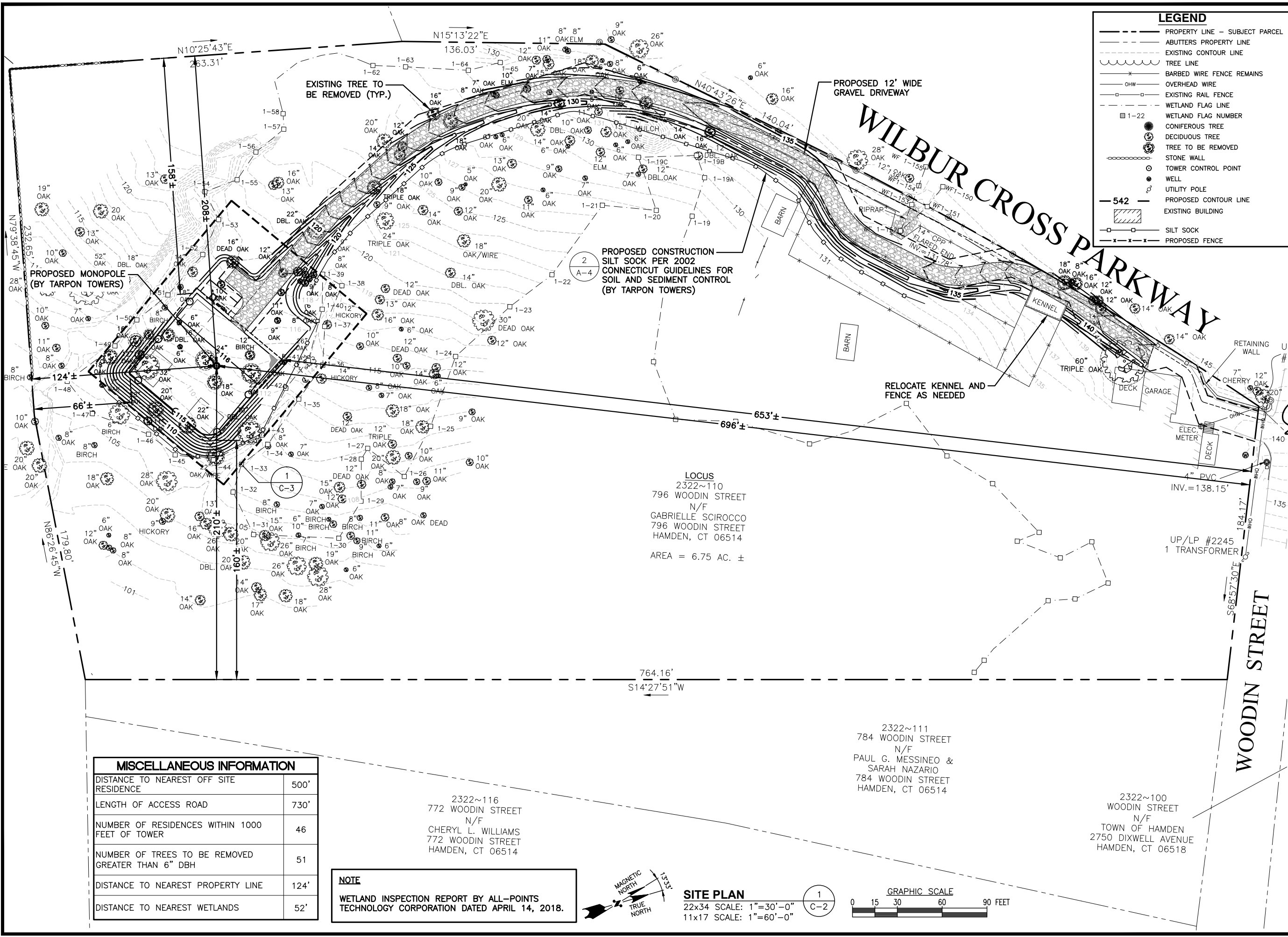
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HAMDEN II

SITE ADDRESS:
796 WOODIN STREET
HAMDEN, CT 06514

SHEET TITLE
ABUTTERS PLAN

SHEET NUMBER
C-1



LEGEND

- PROPERTY LINE - SUBJECT PARCEL
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- 542 - PROPOSED CONTOUR LINE
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- SILT SOCK
- PROPOSED FENCE

TARPON TOWERS

TARPON TOWERS II, LLC
1001 3rd AVENUE WEST, SUITE 420
BRADENTON, FL 34205

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



HG HUDSON
Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF CONNECTICUT
Derek J. Greaser
LICENSED PROFESSIONAL ENGINEER

CHECKED BY: DJR

APPROVED BY: DJR

SUBMITTALS

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HAMDEN, CT 06514

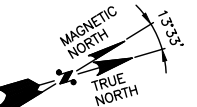
SHEET TITLE
SITE PLAN

SHEET NUMBER
C-2

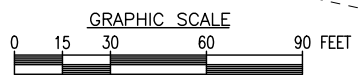
MISCELLANEOUS INFORMATION

DISTANCE TO NEAREST OFF SITE RESIDENCE	500'
LENGTH OF ACCESS ROAD	730'
NUMBER OF RESIDENCES WITHIN 1000 FEET OF TOWER	46
NUMBER OF TREES TO BE REMOVED GREATER THAN 6" DBH	51
DISTANCE TO NEAREST PROPERTY LINE	124'
DISTANCE TO NEAREST WETLANDS	52'

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



SITE PLAN
22x34 SCALE: 1"=30'-0"
11x17 SCALE: 1"=60'-0"

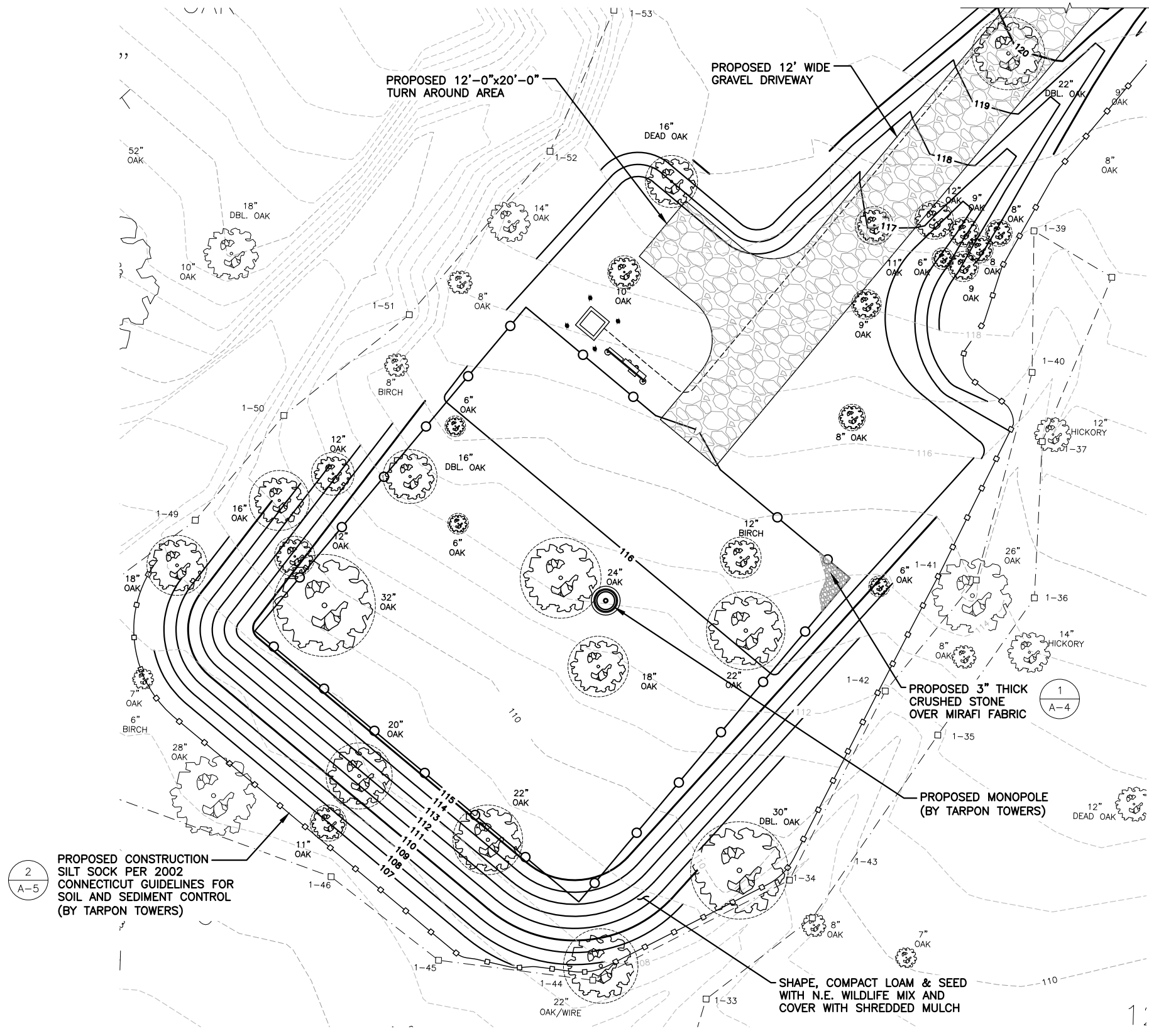


LOCUS
2322~110
796 WOODIN STREET
N/F
GABRIELLE SCIROCCO
796 WOODIN STREET
HAMDEN, CT 06514
AREA = 6.75 AC. ±

2322~111
784 WOODIN STREET
N/F
PAUL G. MESSINEO &
SARAH NAZARIO
784 WOODIN STREET
HAMDEN, CT 06514

2322~100
WOODIN STREET
N/F
TOWN OF HAMDEN
2750 DIXWELL AVENUE
HAMDEN, CT 06518

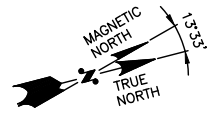
2322~116
772 WOODIN STREET
N/F
CHERYL L. WILLIAMS
772 WOODIN STREET
HAMDEN, CT 06514



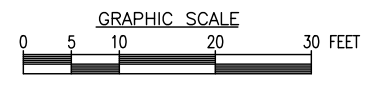
LEGEND

- PROPERTY LINE - SUBJECT PARCEL
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- x x x BARBED WIRE FENCE REMAINS
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- WELL
- UTILITY POLE
- 542 PROPOSED CONTOUR LINE
- EXISTING BUILDING
- SILT SOCK
- x x x PROPOSED FENCE

2
A-5
PROPOSED CONSTRUCTION
SILT SOCK PER 2002
CONNECTICUT GUIDELINES FOR
SOIL AND SEDIMENT CONTROL
(BY TARPON TOWERS)



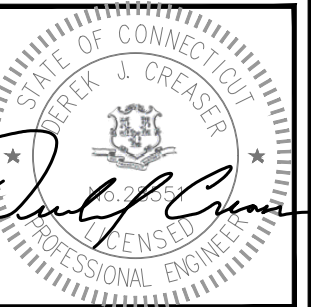
COMPOUND GRADING PLAN 1
22x34 SCALE: 1"=10'-0"
11x17 SCALE: 1"=20'-0" C-3



PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



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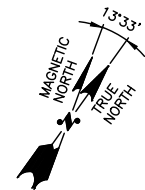
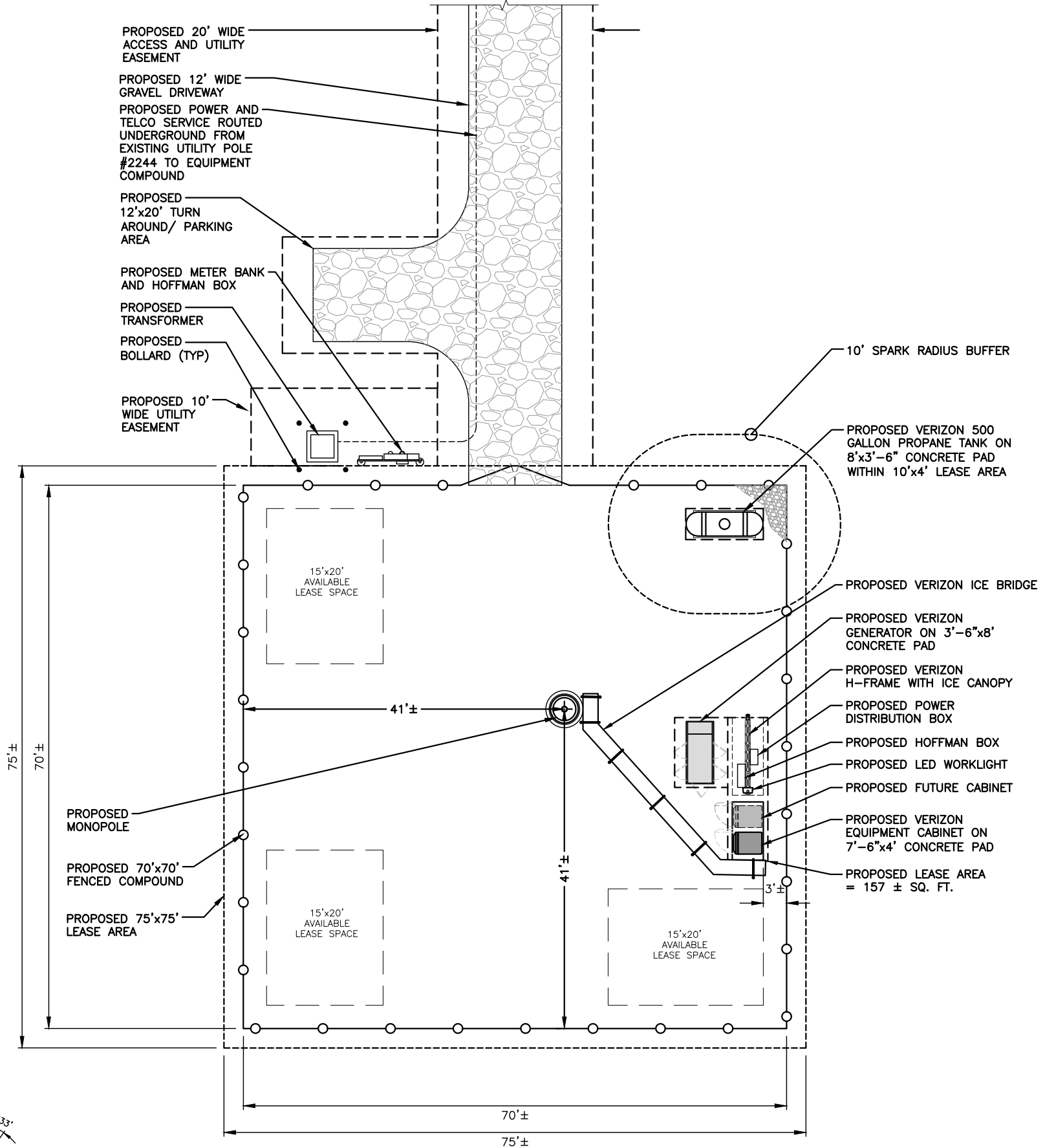
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SITE ADDRESS:
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HAMDEN, CT 06514

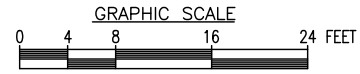
SHEET TITLE
**COMPOUND
GRADING PLAN**

SHEET NUMBER
C-3



COMPOUND PLAN
 22x34 SCALE: 1/8"=1'-0"
 11x17 SCALE: 1/16"=1'-0"

1
A-1



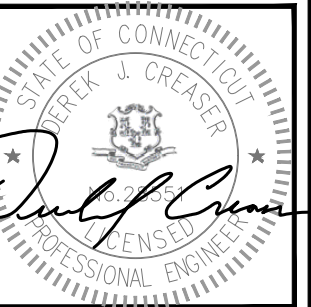
2
A-2



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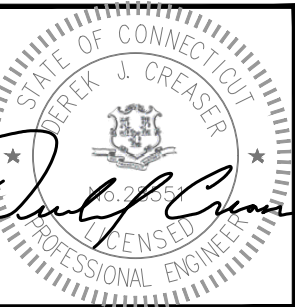
SITE ADDRESS:
796 WOODIN STREET
HAMDEN, CT 06514

SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
A-1



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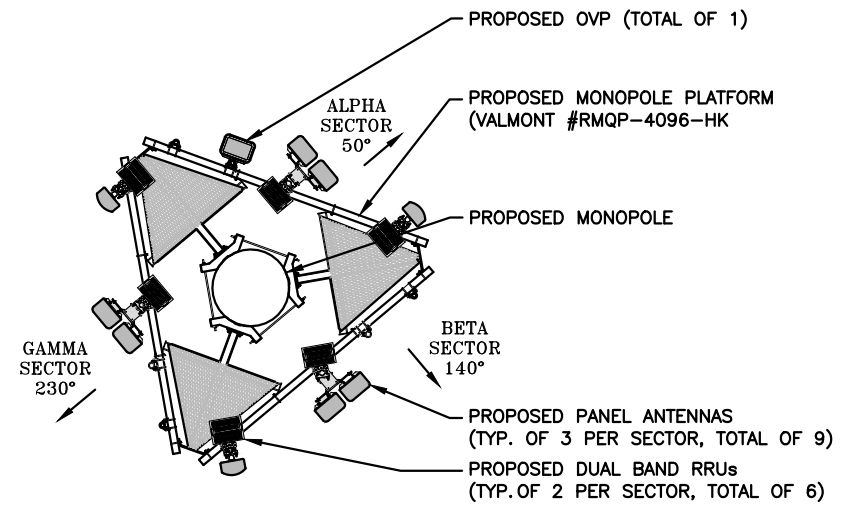
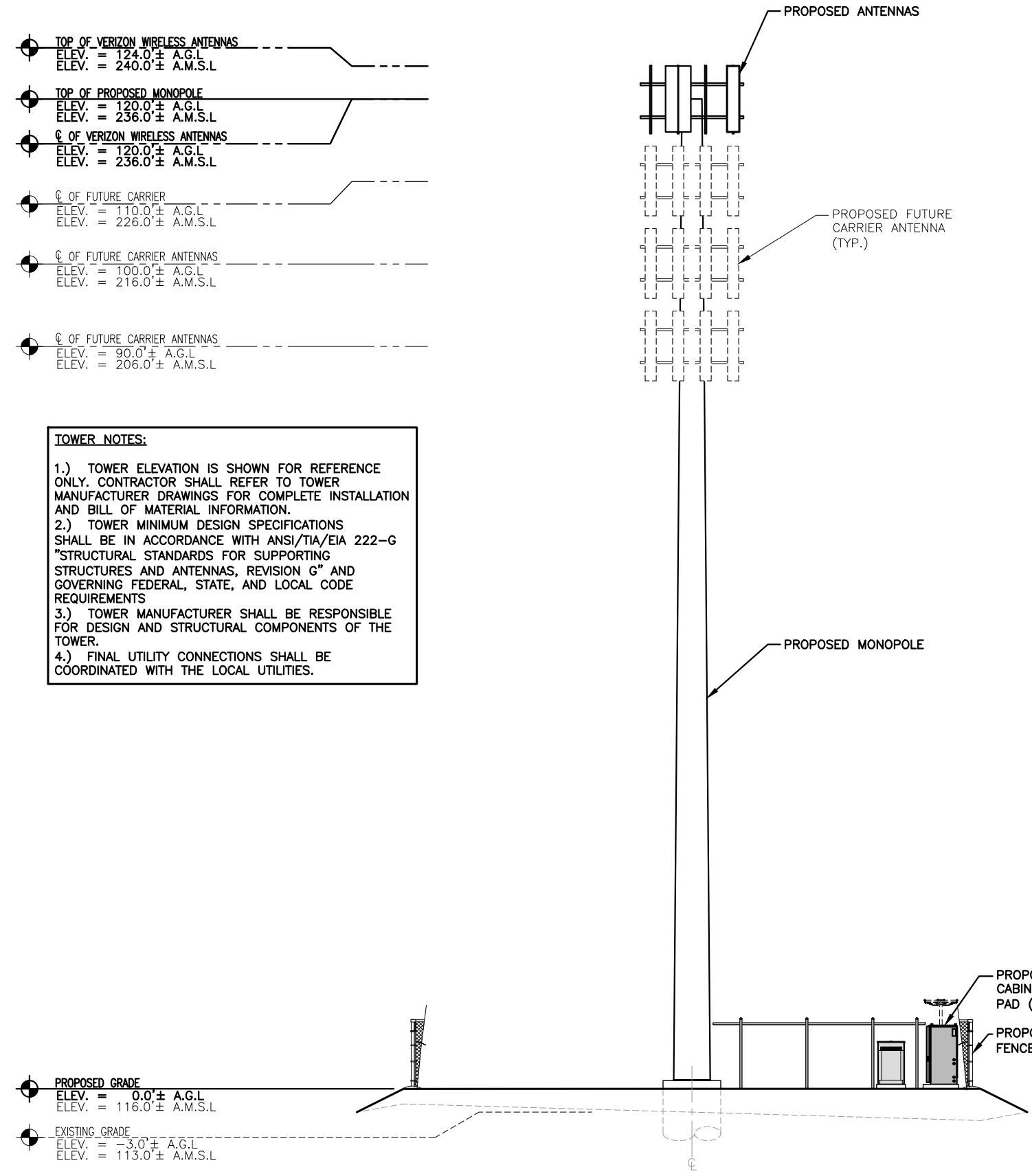
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 796 WOODIN STREET
 HAMDEN, CT 06514

SHEET TITLE
ELEVATION AND ANTENNA PLAN

SHEET NUMBER
A-2



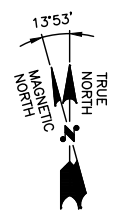
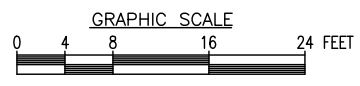
ANTENNA PLAN

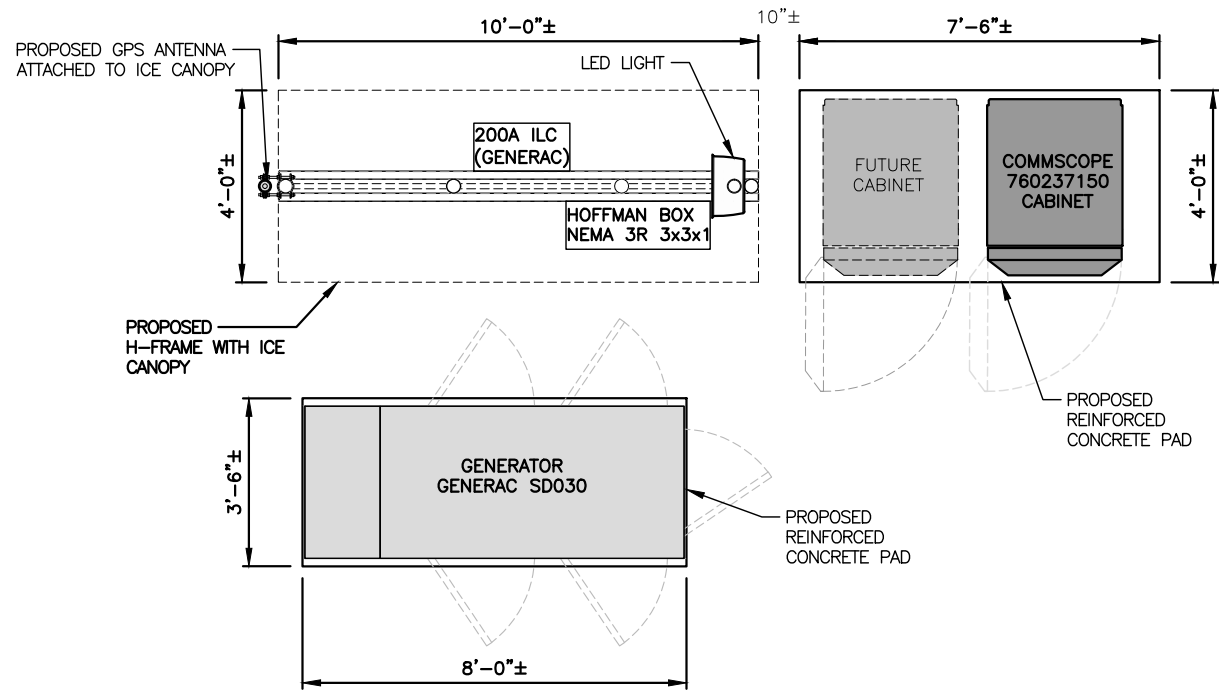
SCALE: N.T.S.

TOWER NOTES:

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

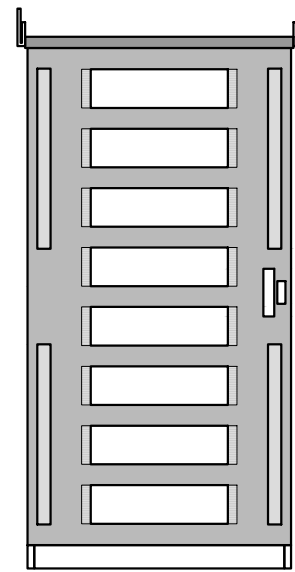
SOUTH ELEVATION
 22x34 SCALE: 1/8"=1'-0"
 11x17 SCALE: 1/16"=1'-0"





EQUIPMENT PLAN
SCALE: N.T.S.

1
A-3

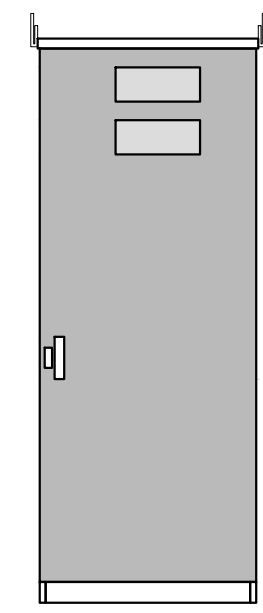


SPECIFICATIONS:
MANUFACTURER: COMMSCOPE
PART NO.: RBA72-36
SIZE: 72"x36"x40"
WEIGHT: 2,500 LBS

NOTE:
ANCHOR CABINET TO STEEL
PLATFORM PER MANUFACTURERS
RECOMMENDATIONS

BATTERY CABINET DETAIL
SCALE: N.T.S.

2
A-3

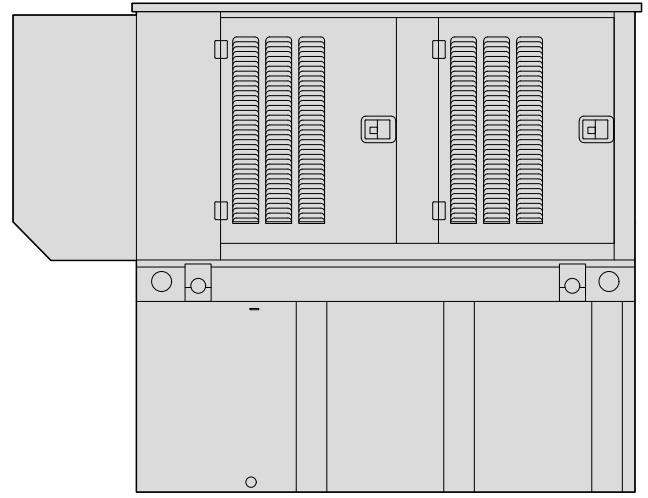


SPECIFICATIONS:
MANUFACTURER: COMMSCOPE
PART NO.: 760237150
SIZE: 85.5"x32.0"x42.1"

NOTE:
ANCHOR CABINET TO CONCRETE
PAD PER MANUFACTURERS
RECOMMENDATIONS

EQUIPMENT CABINET DETAIL
SCALE: N.T.S.

3
A-3



SPECIFICATIONS:
MANUFACTURER: GENERAC
PART NO.: SDC030
SIZE: 92.9"x37.4"x82.7"
WEIGHT: 1380 LB.

NOTE:
ANCHOR CABINET TO CONCRETE
PAD PER MANUFACTURERS
RECOMMENDATIONS

GENERATOR DETAIL
SCALE: N.T.S.

4
A-3



COOPER LIGHTING NFFLD NIGHT FALCON
NFFLD-A25-E-UNV-66-S-BK
SLIPFITTER MOUNT AND VANDAL SHIELD
MOUNT PER MANUFACTURER'S SPECIFICATIONS.

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

5
A-3



INTERMATIC WP1220C
TYPE: DOUBLE GANG
HINGE: VERTICAL
INSERT: WP217
DEPTH: 2-1/4"
COLOR: CLEAR
OR APPROVED EQUIVALENT

SWITCH DETAIL
SCALE: N.T.S.

6
A-3

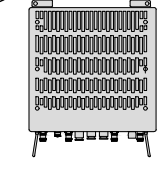


INTERMATIC FF6H
TIME CYCLE: 6 HOURS
SWITCH: SPST
HOLD: NO
OR APPROVED EQUIVALENT

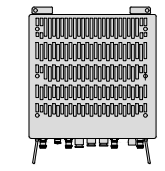
**JAHH-45C-R3B
ANTENNA**
MANUFACTURER:
COMMSCOPE
DIMENSIONS:
9"Dx18"Wx95.9"H
WEIGHT (WITHOUT
HARDWEAR: 106.3 LBS

ANTENNA DETAIL
SCALE: N.T.S.

7
A-3



**700/850
RFV01U-D2A
REMOTE UNITE (RU)**
MANUFACTURER: SAMSUNG
POWER SUPPLY: -48V
DIMENSIONS:
13.8"Dx25.4"Wx25.4"H
WEIGHT: 70.3 LBS



**1900/2100
RFV01U-D1A
REMOTE UNITE (RU)**
MANUFACTURER: SAMSUNG
POWER SUPPLY: -48V
DIMENSIONS:
17.0"Dx25.4"Wx25.4"H
WEIGHT: 84.4 LBS

RRR DETAILS
SCALE: N.T.S.

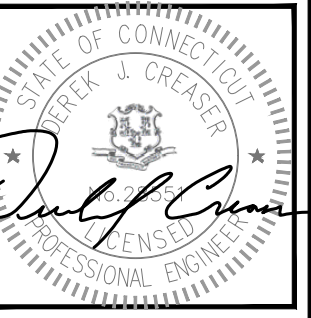
8
A-3



PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



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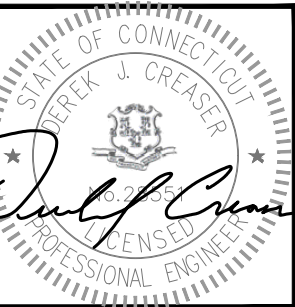
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HAMDEN II
SITE ADDRESS:
796 WOODIN STREET
HAMDEN, CT 06514

SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER
A-3



CHECKED BY: DJR

APPROVED BY: DJR

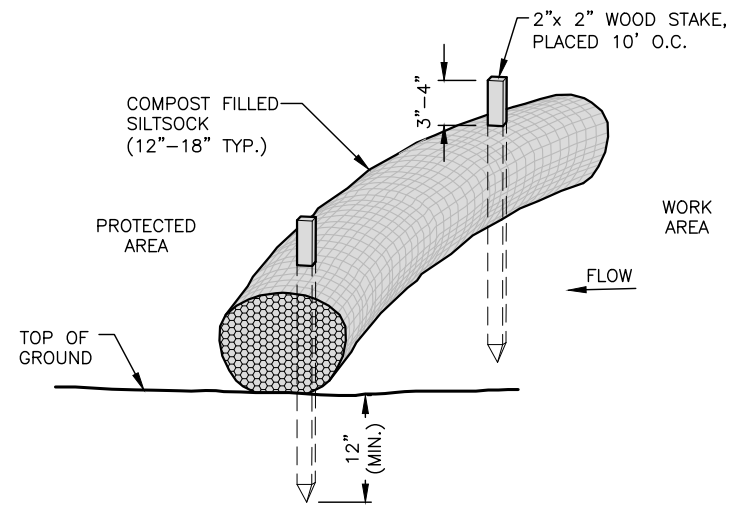
SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
2	06/14/19	RELOCATED TOWER	SLY
1	05/28/19	REVISED PER COMMENTS	SLY
0	05/14/19	ISSUED FOR REVIEW	KAM

SITE NAME:
HAMDEN II

SITE ADDRESS:
 796 WOODIN STREET
 HAMDEN, CT 06514

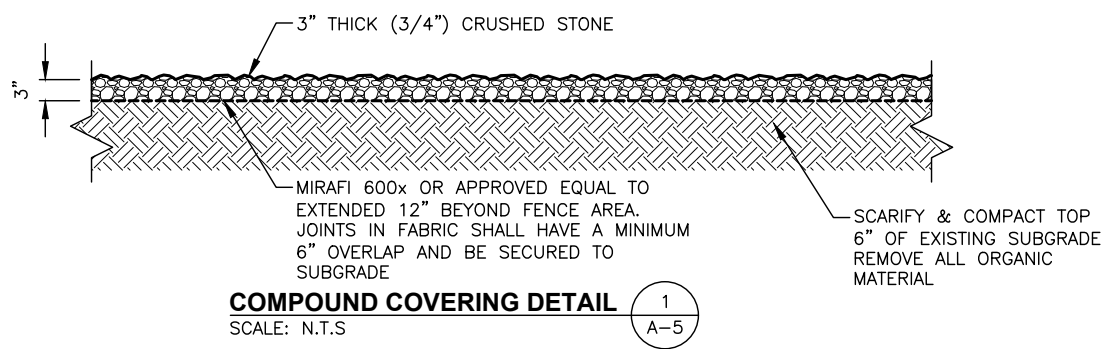
SHEET TITLE
EROSION CONTROL AND DETAILS

SHEET NUMBER
A-5



- NOTES:
- SILT SOCK SHALL BE FILTREXX SILT SOXX, 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, AND REPAIR OR 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 BACK 1-1 1/12 FEET AND SHOULD DIRECT WATER FLOW TOWARD THE ANGLE OF DRAINAGE. IF ALL DRAINAGE ANGLES INTO THE INLET, SNAKE THE COMPOST ALL THE WAY AROUND THE INLET.
 - WHEN COMPOST ARE USED FOR FLAT GROUND APPLICATIONS, DRIVE THE STAKES STRAIGHT DOWN; WHEN INSTALLING 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.