MILFORD EAST

425 Old Tavern Road Orange, Connecticut

Description of Proposed Cell Site

The Towers LLC

Vertical Bridge, REIT, LLC 750 Park of Commerce Drive, Suite 200 Boca Raton, FL 33487

Cellco Partnership d/b/a Verizon Wireless 20 Alexander Drive Wallingford, CT 06492

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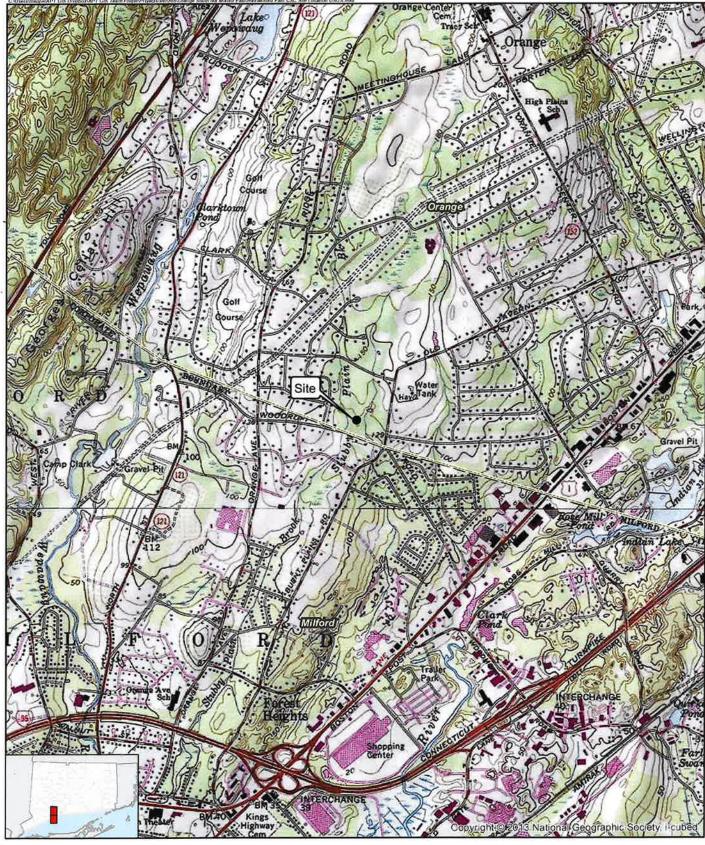
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SITE NAME: MILFORD EAST – 425 OLD TAVERN ROAD, ORANGE, CT

GENERAL CELL SITE DESCRIPTION

The proposed Milford East cell site (the "Facility") would be located in the westerly portion of an approximately 12-acre parcel at 425 Old Tavern Road in Orange, Connecticut (the "Property"). The Property is owned by Frederick A. Knight. The northeast portion of the Property is used for residential purposes. The Facility would consist of a 120-foot monopole telecommunications tower and associated equipment located within a 35' x 90' fenced compound. Cellco will install equipment and battery cabinets, a propane-fueled generator, and a 1,000 gallon propane tank within the fenced compound, near the base of the tower.

Cellco would attach nine (9) antennas and six (6) remote radio heads on an antenna mounting structure at the top of the tower. Vehicular access to the facility would extend Woodruff Road over a new gravel access driveway. Utility service would extend from existing service along Woodruff Road to the cell site.



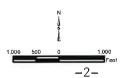
Legend



Site

Municipal Boundary

Mgp Notes:
Base Map Source: USGS 7.5 Minute Topographic
Ouadrangle Map, Ansonia, CT (1984) and
Millord, CT (1984)
Mep Scale: 1:24,000
Mep Date: January 2024

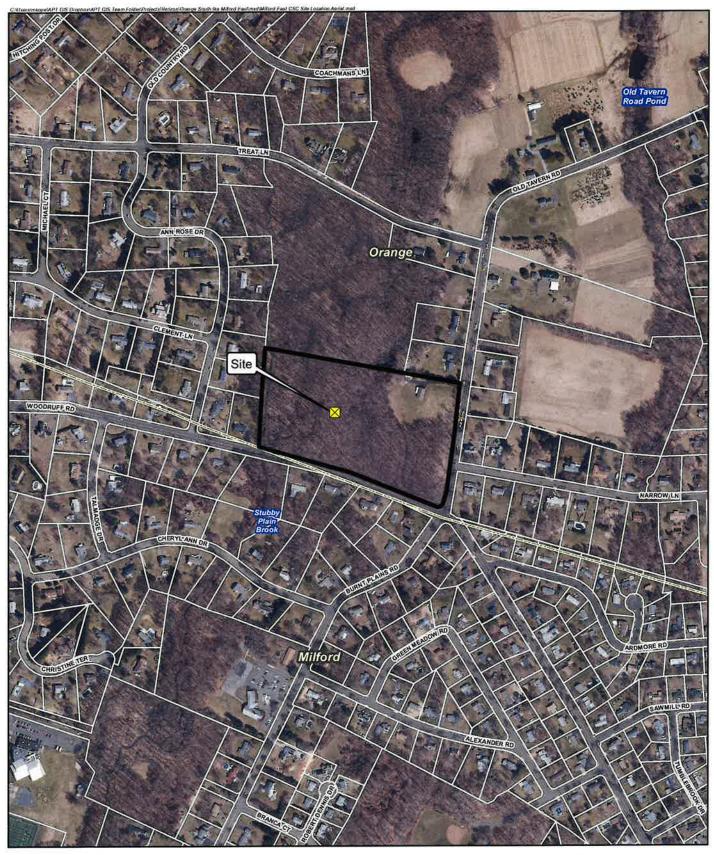


Site Location Map

Proposed Wireless Telecommunications Facility Milford East CT 425 Old Tavern Road Orange, Connecticut

verizon√





Legend

X

Subject Property

Municipal Boundary

Approximate Parcel Boundary

Map Notes: Base Map Source: CT ECO 2019 Imagery Map Scale: 1 Inch = 500 feet Map Date: January 2024

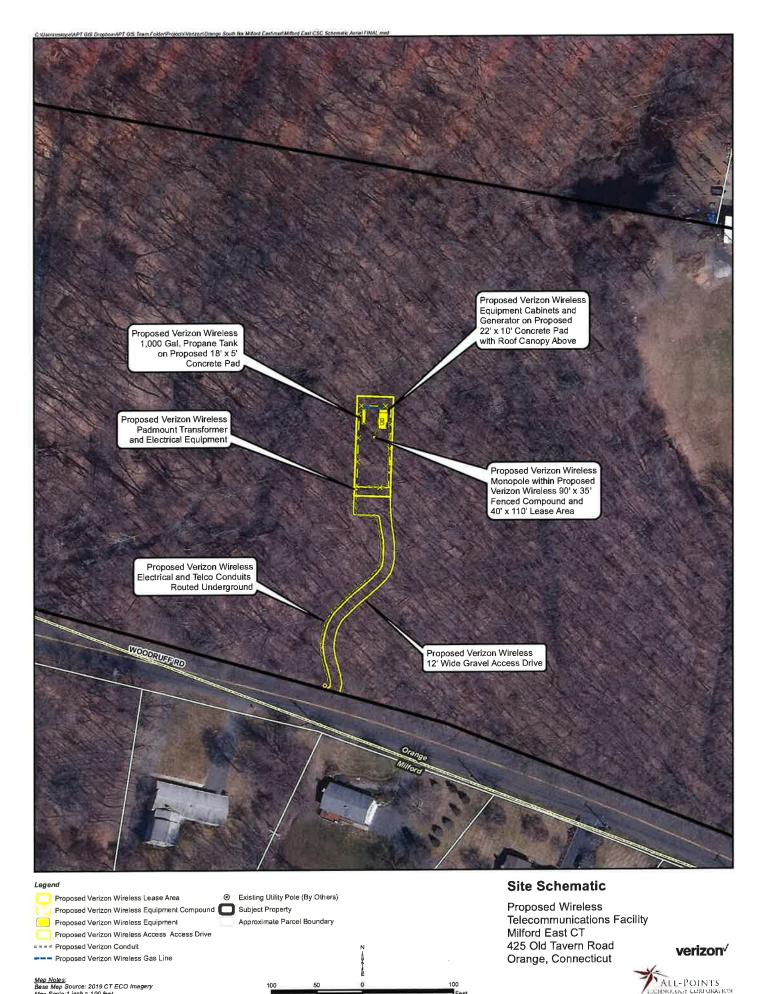


Site Location Map

Proposed Wireless Telecommunications Facility Milford East CT 425 Old Tavern Road Orange, Connecticut

verizon/





<u>Map Noles:</u> Base Map Source: 2019 CT ECO Imagery Map Scale:1 inch = 100 feet Map Date: May 2024

SITE EVALUATION REPORT

SITE NAME: MILFORD EAST – 425 OLD TAVERN ROAD, ORANGE, CT

I. <u>TOWER LOCATION</u>

- A. COORDINATES: 41°-15'- 19.25" N 72°-02'- 10.42" W
- B. <u>GROUND ELEVATION</u>: Approximately 128.9 feet AMSL
- C. <u>U.S.G.S. QUADRANGLE MAP</u>: Ansonia, CT
- D. <u>SITE ADDRESS:</u> 425 OLD TAVERN ROAD, ORANGE, CT
- E. <u>ZONING WITHIN 1/4 MILE OF SITE</u>: Land within ½ mile of the cell site is zoned Residential.

II. DESCRIPTION

- A. SITE SIZE: 35' x 90' Fenced Compound/40' x 110' Leased Parcel
- B. <u>LESSOR'S PARCEL</u>: Approximately 12 acres
- C. <u>TOWER TYPE/HEIGHT</u>: Overall Tower Height 120' Antenna Centerline Height – 117'
- D. <u>SITE TOPOGRAPHY AND SURFACE</u>: Topography on the Property is generally flat. Some clearing and minimal grading will be required to construct the site access driveway and cell site compound.
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The tower would be located in the westerly portion of the approximately 12-acre subject parcel. The new tower is located approximately 250 feet from Woodruff Road between two wetland areas. A significant wetland enhancement planting plan has been developed to mitigated impacts associated with the proposed tower development.
- F. <u>LAND USE WITHIN 1/4 MILE OF SITE</u>: The Property is surrounded by an undeveloped woodlands agricultural land and residential uses. (*See* Site Location Map, Site Schematic and U.S.G.S. Topographic Map at pp. 2-4).

FACILITIES

- G. <u>POWER COMPANY</u>: United Illuminating
- H. <u>POWER PROXIMITY TO SITE</u>: Approximately 250 feet to the south along Woodruff Road.
- I. TELEPHONE/FIBER: Frontier Communications
- J. <u>PHONE SERVICE PROXIMITY</u>: Existing utility services located along Woodruff Road. (*See* Plan Sheet C-1 in this Attachment 1).
- K. <u>VEHICLE ACCESS TO SITE</u>: Vehicle access to the site would extend from Woodruff Road over a new gravel access driveway to the cell site. The site driveway has been configured so as to eliminate direct views from Woodruff Road to the site compound.
- L. <u>CLEARING AND FILL REQUIRED</u>: Tree clearing, and minimal site grading would be required to construct the access drive facility compound. Detailed construction plans would be developed if this location is approved by the Siting Council.

III. LEGAL

- A. PURCHASE [] LEASE [X]
- B. OWNER: Frederick A. Knight
- C. ADDRESS: 425 Old Tavern Road, Orange, CT

DEED ON FILE AT: Town of Orange, CT Land Records

(Vol. 349 Page 208)

FACILITIES AND EQUIPMENT SPECIFICATION (NEW TOWER & EQUIPMENT)

SITE NAME: MILFORD EAST – 425 OLD TAVERN ROAD, ORANGE, CT

I. TOWER SPECIFICATIONS:

A. MANUFACTURER: To be determined

B. TYPE: Self-supporting monopole

C. TOWER HEIGHT: 120' AGL

TOWER DIMENSIONS: Approx. 50" base

Approx. 24" top

II. TOWER LOADING:

A. CELLCO EQUIPMENT:

- 1. Panel Antennas Three (3) Model JAHH-65B-R3B; Three (3) Samsung MT6413-77A and Three (3) MX06FHG665 antennas
- 2. Remote Radio Heads (RRH)

Three (3) Samsung RF4439d-25A

Three (3) Samsung RF4461d-13A

- 3. GPS Antenna: Attached to the equipment canopy
- 4. Transmission Lines:

Two (2) Model: HS 85016661 HYBRID fiber optic antenna cables

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The towers will be designed in accordance with Electronic Industries Association Standard EIA/TIA-222-H "Structural Standards for Steel Antenna Towers and Antenna Support Structures." The foundation designs would be based on soil conditions at the site. Details for the towers and foundation designs will be provided as a part of the final D&M Plan.

ENVIRONMENTAL ASSESSMENT STATEMENT

SITE NAME: MILFORD EAST- 425 OLD TAVERN ROAD, ORANGE, CT

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the facility. There are no lakes, ponds, rivers, streams, wetlands or other regulated bodies of water located in the area to be used for the tower or related facility compound improvements. The closest wetland area is located approximately 37 feet to the east of the proposed facility compound. (*See* also Attachment 10).

B. AIR QUALITY

Under ordinary operating conditions, Cellco's equipment at the Milford East Facility would generate no air emissions. During power outages and periodically for maintenance purposes, Cellco would utilize a propane-fueled generator to provide emergency back-up power to the facility. Cellco's back-up generator will be managed to comply with the "permit by rule" criteria established by the Connecticut Department of Energy and Environmental Protection ("DEEP") Bureau of Air Management, pursuant to R.C.S.A. § 22a-174-3b.

C. LAND

Twenty-five substantial trees (>6" diameter at breast height) and some ground vegetation will need to be cleared and minimal grading will be required to construct the facility compound. The remaining land of the Lessor would remain unchanged by the construction and operation of the cell site.

D. NOISE

The equipment to be in operation at the site after construction would emit little or no noise of any kind, except for the occasional operation of the back-up generator which would only run when power to the facility is interrupted and periodically for maintenance purposes. Some noise is anticipated during cell site construction.

E. <u>POWER DENSITY</u>

The maximum permissible exposure limits far-field formula for Cellco's 700 MHz, 850 MHz, 1900 MHz, 2100 MHz, and 5G antennas at the Milford East Facility would be 20.3% of the FCC Safety Standard. (*See Attachment 14*).

F. <u>VISIBILITY</u>

See Visibility Report included as Attachment 9.





WIRELESS COMMUNICATIONS FACILITY

VERTICAL BRIDGE SITE ID: US-CT-5056 VERIZON SITE NAME: MILFORD EAST CT

425 OLD TAVERN RD. ORANGE, CT 06477

PROJECT SUMMARY				
VERTICAL BRIDGE SITE ID:	US-CT-5056			
VERIZON SITE NAME:	MILFORD EAST CT			
SITE ADDRESS:	425 OLD TAVERN RD. ORANGE, CT 06477			
PROPERTY OWNER:	FREDERICK A. KNIGHT 332 LAMBERT RD. ORANGE, CT 06477			
PARCEL ID:	4-1-1			
TOWER COORDINATES:	41° 15' 19.25090" N 73° 02' 10.42429" W			
AMSL:	128.7 FT.			
APPLICANT:	THE TOWERS, LLC 750 PARK OF COMMERCE DR, SUITE 200 BOCA RATON, FL 33487			
VERTICAL BRIDGE CONTACT:	A.J. DESANTIS AJ.DESANTIS@VERTICALBRIDGE.COM			
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN, ESQ. ROBINSON & COLE, LLP (860) 275-8345			

PROJECT DESCRIPTION

- INSTALLATION OF A 120 FT. MONOPOLE/TOWER AND FENCED-IN COMPOUND AT GRADE INSTALLATION OF OUTDOOR CABINETS AND A PROPANE FUELED STANDBY GENERATOR ON A 22'-0"x10'-0" EQUIPMENT PAD WITHIN THE COMPOUND
- INSTALLATION OF (9) PANEL ANTENNAS AND ASSOCIATED DEVICES ON THE MONOPOLE INSTALLATION OF CABLING FROM EQUIP. CABINETS TO ANTENNAS ELECTRICAL & TELEPHONE SERVICES ROUTED UNDERGROUND TO EXISTING UTILITY
- DEMARCATION POINTS AT STREET

N M	VICINITY MAP	NOT-TO-SCALE
Clement In. Woodruff Rd.	Ann cose Dr. Pa usaver plo	Hotchkiss Rd. Hotchkiss Rd. Knight Ln.
ords SITE		Sarah Cir
Orange Ave.		Sawmill Rd.

	DRAWING SCHEDULE		
SHEET NO.	SHEET DESCRIPTION		
T-1	TITLE SHEET		
C-0	TOWER RADIUS MAP & ABUTTERS MAP/LIST		
C-1	SITE PLAN		
C-2	ENLARGED SITE PLAN & MITIGATION PLAN		
C-3	ENVIRONMENTAL NOTES		
C-4	SITE/CIVIL ENGINEERING DETAILS		
C-5	COMPOUND PLAN, NORTH ELEVATION & EQUIPMENT PLAN		
C-6	ANTENNA PLAN & DETAILS		
C-7	ENCE & MISC. DETAILS		



750 PARK OF COMMERCE DR. BOCA RATON, FL. 33487

Cellco Partnership d/b/a Verizon Wireless



WIRELESS COMMUNICATIONS FACILITY 20 ALEXANDER DRIVE WALLINGFORD, CT 06492



On Air Engineering, LLC 88 Foundry Pond Road Cold Spring, NY 10516

onair@optonline.net 201-456-4624

LICENSURE



NO.:	DATE:	SUBMISSIONS
0	01.31.24	REVIEW
1	04.10.24	REVISED PER CLIENT COMMENTS
2	04.18.24	CSC FILING SET
3	06.07.24	REVISED PER ATTORNEY

MF DW

VERTICAL BRIDGE SITE ID:

US-CT-5056

VERIZON SITE NAME:

MILFORD EAST CT

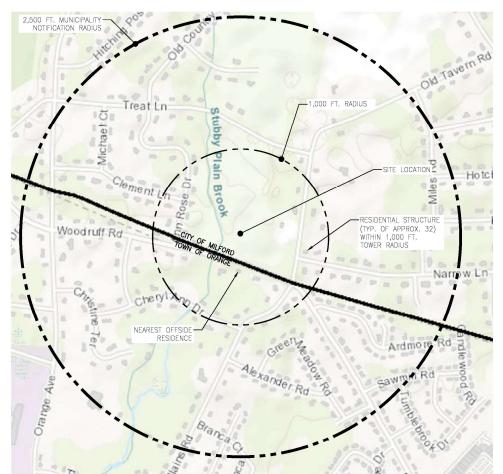
PROJECT INFORMATION:

425 OLD TAVERN RD. ORANGE, CT 06477

DRAWING TITLE:

TITLE SHEET

T-1

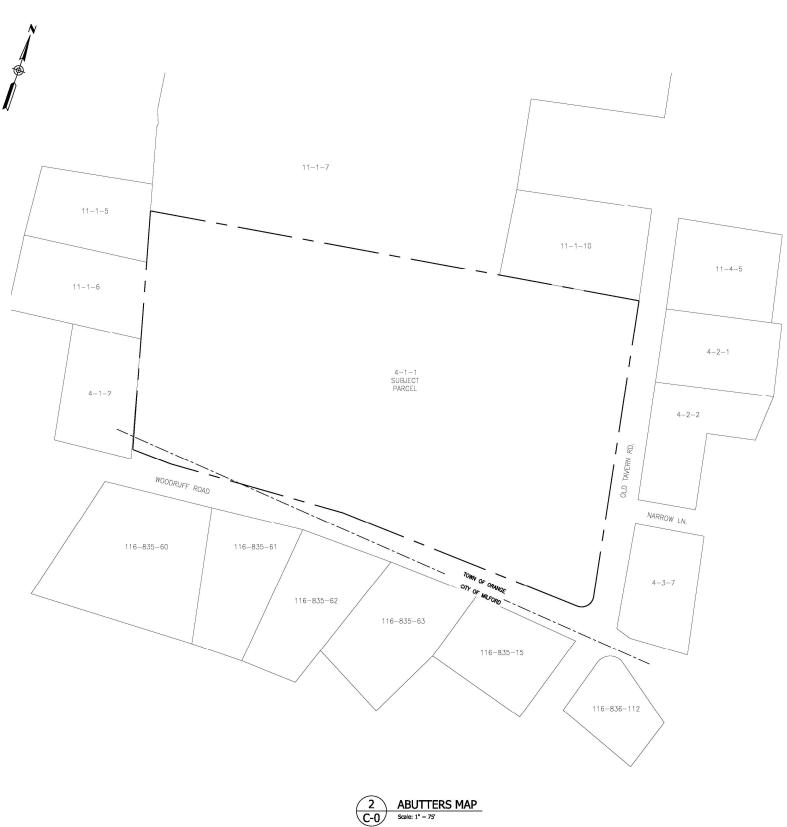


B 20	21/m R 11
\bigcirc 1	TOWER RADIUS MAPS
(C-0)	Scale: 1"=500'

ABUTTERS LIST FROM PARCEL 65-2-1				
PARCEL#	OWNER NAME	OWNER MAILING ADDRESS	PROPERTY ADDRESS	
4-1-2	GAUDET RACHEL & SCOTT	485 WOODRUFF LA, MILFORD CT 06460	485 WOODRUFF LA	
11-1-6	LAUREN MORAN	285 ANN ROSE DR, ORANGE CT 06477	285 ANN ROSE DR	
11-1-5	HO DAVID & CRYSTAL	291 ANN ROSE DR, ORANGE CT 06477	291 ANN ROSE DR	
11-1-7	GAGEL CHARLES ET AL CUSTODIAN	397 OLD TAVERN RD, ORANGE CT 06477	397 OLD TAVERN RD	
11-1-10	ABRAMS CHRISTINE K AND ABRAMS MARC L	398 OLD TAVERN RD, ORANGE CT 06477	411 OLD TAVERN RD	
11-4-5	KNIGHT DORIS F LIFE USE AND DORIS F KNIGHT TRUST	414 OLD TAVERN RD, ORANGE CT 06477	414 OLD TAVERN RD	
4-2-1	KNIGHT FREDERICK A & JOHN A & MONCK SARA	332 LAMBERT RD, ORANGE CT 06477	426 LAMBERT RD	
4-2-2	MONCK CONNOR J	434 OLD TAVERN RD, ORANGE CT 06477	434 OLD TAVERN RD	
4-3-7	CURIS ROBERT F	438 OLD TAVERN RD, ORANGE CT 06477	438 OLD TAVERN RD	
116-836-112	DEITELBAUM MARK & CIRCLE & SURV	501 BURNT PLAINS RD, MILFORD CT 06461	501 BURNT PLAINS RD	
116-835-15	PURVIS RICHARD & MARTINS LUCY JTWRS	500 BURNT PLAINS RD, MILFORD CT 06461	500 BURNT PLAINS RD	
116-835-63	ZAMAN MURAD	3148 HULL AVE, BRONX NY 10467	442 WOODRUFF RD	
116-835-62	HAIGHT CHRISTIAN	450 WOODRUFF RD, MILFORD CT 06460	450 WOODRUFF RD	
116-835-61	VACCARO KENNETH & STEWART	454 WOODRUFF RD, MILFORD CT 06461	454 WOODRUFF RD	
116-835-60	CITY OF MILFORD	RIVER ST, MILFORD CT 06460	0 WOODRUFF RD	

NOTES TO ABUTTERS MAP & OWNERS LIST:

1. ALL INFORMATION TAKEN FROM THE TOWN OF ORANGE AND CITY OF MILFORD ONLINE "GIS" DATABASES, FEBRUARY 2024.





750 PARK OF COMMERCE DR. BOCA RATON, FL. 33487

Cellco Partnership d/b/a Verizon Wireless



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US-CT-5056

VERIZON SITE NAME:

MILFORD EAST CT

PROJECT INFORMATION:

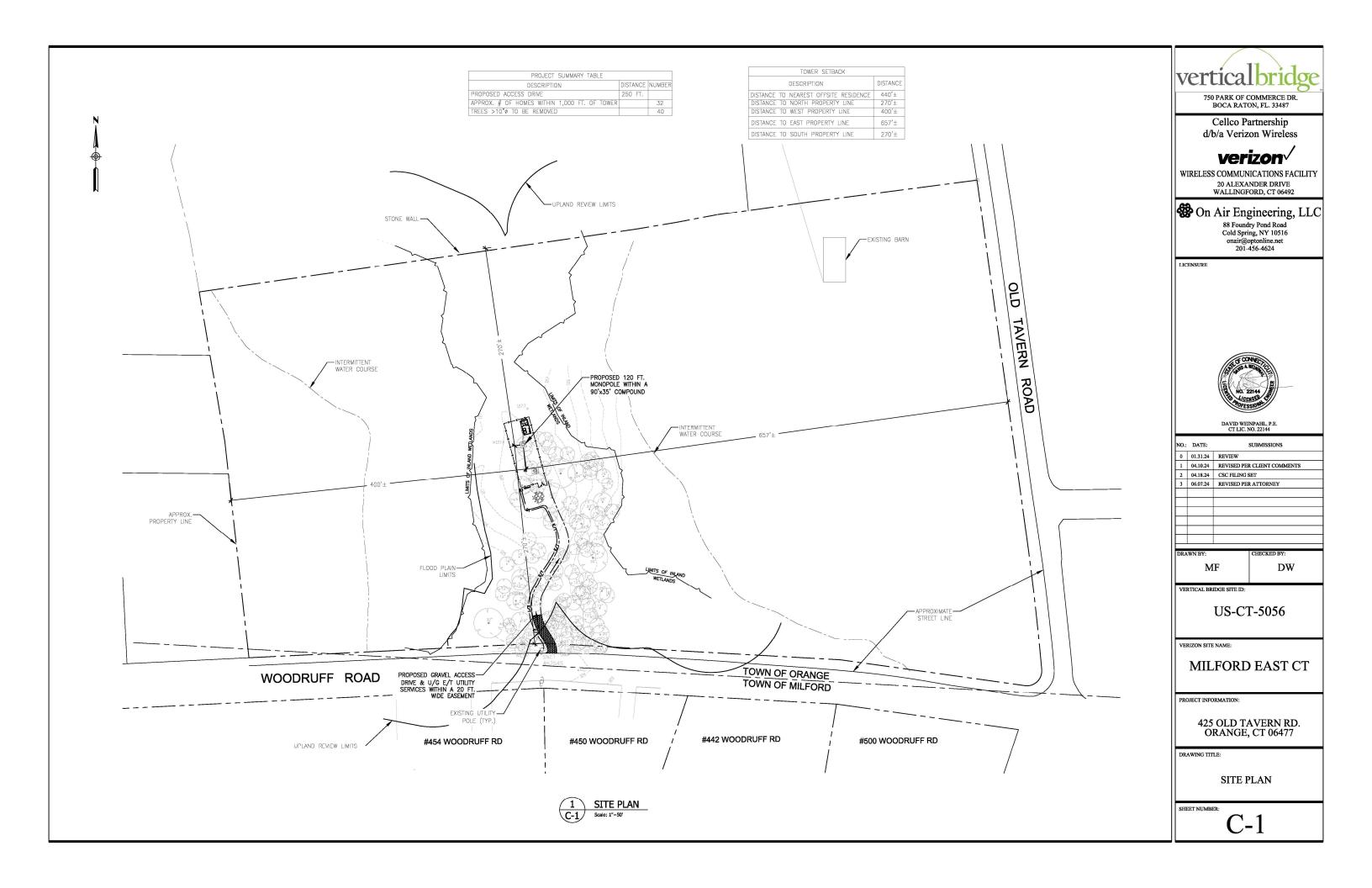
425 OLD TAVERN RD. ORANGE, CT 06477

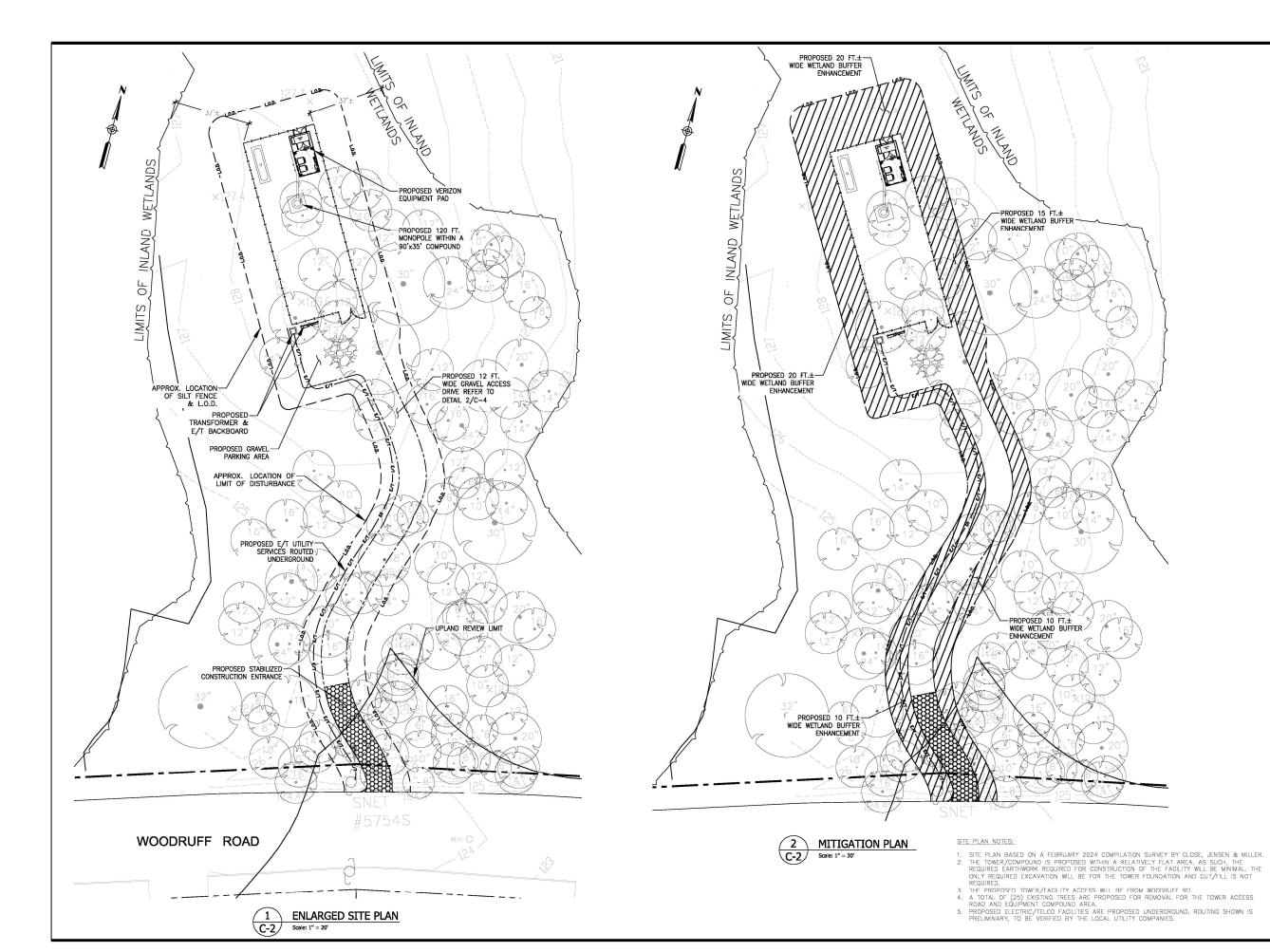
DRAWING TITLE:

TOWER RADIUS MAP & ABUTTERS MAP/LIST

SHEET NUMBER:

C-0







750 PARK OF COMMERCE DR. BOCA RATON, FL. 33487

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WIRELESS COMMUNICATIONS FACILITY 20 ALEXANDER DRIVE WALLINGFORD, CT 06492



On Air Engineering, LLC

88 Foundry Pond Road Cold Spring, NY 10516 onair@optonline.net 201-456-4624

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VERTICAL BRIDGE SITE ID:

US-CT-5056

VERIZON SITE NAME;

MILFORD EAST CT

PROJECT INFORMATION:

425 OLD TAVERN RD. ORANGE, CT 06477

DRAWING TITLE:

ENLARGED SITE PLAN & MITIGATION PLAN

SHEET NUMBER:

C-2

ENVIRONMENTAL NOTES - RESOURCES PROTECTION MEASURES

WETLAND PROTECTION PROGRAM

AS A RESULT OF THE PROJECT'S LOCATION IN THE VICINITY OF SENSITIVE WETLAND RESOURCES, THE FOLLOWING PROTECTION PROGRAM SHALL BE IMPLEMENTED BY THE CONTRACTOR TO AVOID UNINTENTIONAL IMPACTS TO PROXIMATE WETLAND RESOURCES DURING CONSTRUCTION ACTIVITIES.

IT IS OF THE UTMOST IMPORTANCE THAT THE CONTRACTOR COMPUES WITH THE REQUIREMENT FOR THE INSTALLATION OF PROTECTIVE MEASURES AND THE EDUCATION OF ITS EMPLOYEES AND SUBCONTRACTORS PERFORMING WORK ON THE PROJECT SITE. THE WETLAND PROTECTION MEASURES SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES UNTIL. PERMANENT STABILIZATION OF SITE SOILS HAS OCCURRED.

ALL-POINTS TECHNOLOGY CORPORATION, P.C. (*API**) WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENSURE THAT THESE PROTECTION MEASURES ARE IMPLEMENTED PROPERTY AND WILL PROVIDE AN EDUCATION SESSION ON THE PROJECT'S PROXIMITY TO SENSITIVE WETLAND RESOURCES PRIOR TO THE STATO OF CONSTRUCTION ACTIVITIES AND TYPICAL AMPHIBANS AND REPHILES ASSOCIATED WITH THESE HABITATS THAT WAY BE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTORS SHALL CONTRACT SHAN CONSTRUCTION. THE CONTRACTORS SHALL CONTRACT SHAND SCIENTIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE PRE-CONSTRUCTION METLAND SCIENTIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE CONTRACT SHAND SCIENTIST AND AND ADDRESS OF THE PRE-CONSTRUCTION MEETING. MR. GUSTAFSON, CAN BE REACHED BY PHONE AT (860) 592–2033 OR VIA EMAL AT DOLSTAFSON CAN BE REACHED BY PHONE AT

1. CONTRACTOR EDUCATION:

- *.PRIOR TO WORK ON SITE AND INITIAL DEPLOYMENT/MOBILIZATION OF EQUIPMENT AND MATERIALS, THE CONTRACTOR SHALL ATTEND AN EDUCATIONAL SESSION AT THE PRE-CONSTRUCTION MEETING WITH APT. THIS ORIENTATION AND EDUCATIONAL SESSION WILL CONSIST OF INFORMATION SUCH AS, BUT NOT LIMITED TO: IDENTIFICATION OF WEITLAND RESOURCES PROXIMATE TO WORK AREAS AND THE ENVIRONMENTALLY SENSITIVE NATURE OF THE DEVELOPMENT SITE.
- IN THE CONTRACTOR WILL BE PROVIDED WITH CELL PHONE AND EMAIL CONTACTS FOR APT PERSONNET TO IMMEDIATELY REPORT ANY RELEASES OR IMPACTS TO NEARBY WETLAND RESOURCE AREAS, EDUCATIONAL POSTER MATERIALS OF THE ENVIRONMENTALLY SENSITIVE NATURE OF THE WORK AREA WILL BE PROVIDED BY APT AND DISPLAYED ON THE JOB SITE TO MAINTAIN WORKER AWARENESS AS THE PROJECT PROCRESSED.

2. EROSION AND SEDIMENTATION CONTROLS/ISOLATION BARRIERS

- . PLASTIC NETTING USED IN A VARIETY OF EROSION CONTROL A PLASTIC NETTING USED IN A VARIETY OF EROSION CONTROL PRODUCTS (LE., EROSION CONTROL BLANKETS, FIBER ROLLS [WATTLES], REINFORCED SILT FENCE); HAS BEEN FOUND TO ENTANGLE WILDLIFE, INCLUDING REPITLES, AMPHIBMANS, BIRDS AND SMALL MAMMALS. NO PERMANENT EROSION CONTROL PRODUCTS OR REINFORCED SILT FENCE WILL BE USED ON THE PROJECT. TEMPORARY EROSION CONTROL PRODUCTS THAT WILL BE EXPOSED AT THE GROUND SURFACE AND REPRESENT A POTENTIAL FOR WILDLIFE ENTANGLEWENT WILL USE EITHER EROSION CONTROL BLANKETS AND FIBER ROLLS COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOCSTHER TO FORM A CONTINUOUS MATRIX (NETLESS) OR NETTING COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOCSTHER TO FORM A CONTINUOUS MATRIX (NETLESS) OR NETTING COMPOSED OF PLANKET WATURAL BIODEGRADABLE FIBER TO AVOID/MINIMIZE WILDLIFE ENTANGLEMENT.
- b. THE EXTENT OF THE EROSION CONTROLS WILL BE AS SHOWN ON THE SITE PLANS. THE CONTRACTOR SHALL HAVE ADDITIONAL SEDIMENTATION AND RESION CONTROLS STOCKPILED ON SITE SHOULD FIELD OR CONSTRUCTION CONDITIONS WARRANT EXTENDING DEVICES. IN ADDITION TO THE CONTROLOR MAKING THESE DETERMINATIONS, REQUESTIS FOR ADDITIONAL CONTROLS WILL ALSO BE AT THE DISCRETION OF THE ENVIRONMENTAL MONITOR.
- BE AT THE DISCRETION OF THE ENVIRONMENTAL MONITOR.

 6. INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS, REQUIRED FOR EROSION CONTROL COMPLIANCE AND CREATION OF A BARRIER TO POSSIBLE MIGRATING/DISPERSING WILDLIFE, SHALL BE PERFORMED BY THE CONTRACTOR. THE ENVIRONMENTAL MONITOR WILL INSPECT THE WORK ZONE SHALL AND THE ENVIRONMENTAL MONITOR WILL INSPECT THE WORK ZONE SHALL BEFORE THE WORK ZONE SHALL BEFORE MINISTALLATION. IN ADDITION, WORK ZONES WILL BERRIER MONITOR THE MATERIAL BEFORE THE WORK ZONE SHALL BEFORE THE WAJORITY OF THE WORK ZONE FROM POSSIBLE MIGRATING WILDLIFE, IN ADDITION TO SECREGATE THE WAJORITY OF THE WORK ZONE FROM POSSIBLE MIGRATING WILDLIFE, IN ADDITION TO SESSIBLE MORATING WILDLIFE, IN ADDITION TO SESSIBILITY NEEDS AND LOCATIONS OF STAGING AMERICAL STORAGE AREAS, ETC. IN THOSE CIRCLMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING MOST PASSIBLE DUE TO ACCESSIBILITY NEEDS AND LOCATIONS OF STAGING MATERIAL STORAGE AREAS, ETC. IN THOSE CIRCLMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING/DISPERSAL ROUTES AWAY FROM THE WORK ZONE TO MINIMIZE POTENTIAL ENCOUNTERS WITH WILDLIFE AT THE DISCRETION OF THE ENVIRONMENTAL MONITOR.
- OF THE ENVIRONMENTAL MONITOR.

 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS OF THE SEDIMENTATION AND EROSION CONTROLS FOR TEARS OR BEICKIES, AND ACCUMULATION LEVELS OF SEDIMENT, DARRIGULARLY DEFINED BY AND IN ACCOPRANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE APT ENVIRONMENTAL MONITOR WITHIN 24 HOURS OF ANY BRECHES OF THE SEDIMENTATION AND EROSION CONTROLS AND ANY SEDIMENT RELEASES BEYOND THE PERIMETER CONTROLS THAT IMPACT WETLANDS OR REAS WITHIN 10D FEET OF WETLANDS. THE STORM THE SEDIMENTATION AND EROSION CONTROLS THAT IMPACT WETLANDS OR REAS WITHIN 10D FEET OF WETLANDS. THE SEDIMENTATION AND EROSION CONTROLS THAT IMPACT WETLANDS OF REPORT OF THE SEDIMENTATION AND EROSION CONTROLS THAT OF SET OF THE SEDIMENTATION AND EROSION CONTROLS THAT OF SET OF THE SEDIMENTATION AND EROSION CONTROLS THAT OF SET OF THE SEDIMENTATION AND EROSION CONTROLS THE OWNER OF THE PRIVATE OF THE SET OF THE SEDIMENTATION AND EROSION CONTROLS THE OWNER OF THE PRIVATE OF THE SET OF T
- THIRD PARTY MONITORING OF SEDIMENTATION AND EROSION CONTROLS WILL BE PERFORMED BY OTHER PARTIES, AS NECESSARY, UNDER APPLICABLE LOCAL, STATE AND/OR FEDERAL REGULATIONS AND PERMIT CONDITIONS.
- 1. NO EQUIPMENT, VEHICLES OR CONSTRUCTION MATERIALS SHALL BE STORED WITHIN 100 FEET OF WETLAND RESOURCES OUTSIDE OF THE ESTABLISHED WORK ZONE.
- ALL SILT FENCING AND OTHER EROSION CONTROL DEVICES SHALL BE REMOVED WITHIN 30 DAYS OF COMPLETION OF WORK AND PERMANENT STABILIZATION OF SITE SOLIS. F FIBER ROLLS, WATTLES, STRAW BALES, OR OTHER NATURAL MATERIAL EROSION CONTROL PRODUCTS ARE USED, SUCH DEVICES WILL NOT BE LEFT IN PLACE TO BIODECISADE AND SHALL BE PROMPTLY REMOVED AFTER SOLIS ARE STABLE SO AS NOT TO CREATE A BARRIER TO WILDLIFE MOVEMENT. SEED FROM SEEDING OF SOLIS SHOULD NOT SPREAD OVER FIBER ROLLS/WATTLES AS IT MAKES THEM HARDER TO REMOVE ONCE SOLIS ARE STABILIZED BY VEGETATION.

3. PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION

- ♠ CERTAIN PRECAUTIONS ARE NECESSARY TO STORE PETROLEUM MATERIALS, REFUEL AND CONTAIN AND PROPERLY CLEAN UP ANY INADVERTENT FUEL OR PETROLEUM (I.E., OIL, HYDRAULIC FLUID, ETC.) SPILL DUE TO THE PROJECT'S LOCATION IN PROXIMITY TO WETLAND RESOURCES.
- A SPILL CONTAINMENT KIT CONSISTING OF A SUFFICIENT SUPPLY OF ABSORBENT PADS AND ABSORBENT MATERIAL WILL BE MAINTAINED BY THE CONTRACTOR AT THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. IN ADDITION, A WASTE DRUM WILL BE KEPT ON SITE TO CONTAIN ANY USED ASSORBENT PADS/MARKIAL FOR PROPER AND TIMELY DISPOSAL OFF SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
- & SERVICING OF MACHINERY SHALL NOT OCCUR WITHIN 100 FEET OF WETI ANDS
- d. AT A MINIMUM, THE FOLLOWING PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING RESTRICTIONS AND SPILL RESPONSE PROCEDURES WILL BE ADHERED TO BY THE CONTRACTOR.
- L PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFLIELING THROLEUM AND PRACTIONS MATERIALS STORME AND REFUELING IT. REFUELING OF VEHICLES OR MACHINERY SHALL TAKE PLACE ON AN IMPERMOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO CONTAIN FUELS.

 2. ANY FUEL OR HAZARDOUS MATERIALS THAT MUST BE KEPT ON SITE SHALL BE STORED ON AN IMPERVIOUS SURFACE UTILIZING SECONDARY CONTAINMENT.

- RINITIAL SPILL RESPONSE PROCEDURES

 1. STOP OPERATIONS AND SHUT OFF EQUIPMENT.

 2. REMOVE ANY SOURCES OF SPARK OR FLAME.

 3. CONTAIN THE SOURCE OF THE SPILL.

 4. DETERNIET THE APPROXIMATE VOLUME OF THE SPILL.

 5. IDENTIFY THE LOCATION OF NATURAL FLOW PATHS TO PREVENT RELEASE OF THE SPILL TO SENSITIVE NEARBY WETLANDS.

 6. ENSURE THAT FELLOW WORKERS ARE NOTIFIED OF THE SPILL.
- ILSPILL CLEAN UP & CONTAINMENT

 1. OBTAIN SPILL RESPONSE MATERIALS FROM THE ON-SITE SPILL
 RESPONSE KIT. PLACE ABSORBENT MATERIALS DIRECTLY ON
 THE RELEASE AREA.

 2. LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT
 MATERIALS AROUND THE PERIMETER OF THE SPILL

 3. ISOLATE AND ELIMINATE THE SPILL SOURCE.

 4. CONTAINTAL APPROPRIATE I LOCAL, STATE AND/OR FFDERAL
 ACENCIES, AS NECESSARY.

 5. CONTAINTAL APPROPRIATE INCOME.

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- iv. REPORTING
- KEPORTING

 1. COMPLETE AN INCIDENT REPORT.

 2. SUBMIT A COMPLETED INCIDENT REPORT TO LOCAL, STATE AND FEDERAL AGENCIES, AS NECESSARY, INCLUDING THE CONNECTION STIME COUNCIL.

4. HERBICIDE, PESTICIDE, AND SALT RESTRICTIONS

- A. THE USE OF HERBICIDES AND PESTICIDES AT THE FACILITY SHALL BE MINIMIZED. IF HERBICIDES AND/OR PESTICIDES ARE REQUIRED AT THE FACILITY, THEIR USE WILL BE USED IN ACCORDANCE WITH CURRENT INTEGRATED PEST MANAGEMENT ("PM") PRINCIPLES.
- b. MAINTENANCE OF THE FACILITY DURING THE WINTER MONTHS SHALL MINIMIZE THE APPLICATION OF CHLORIDE—BASED DEICERS SALT WITH USE OF MORE ENVIRONMENTALLY FIRENDLY ALTERNATIVES.

5. REPORTING

- COMPLIANCE MONITORING REPORTS (BRIEF NARRATIVE AND APPLICABLE PHOTOS) DOCUMENTING EACH APT INSPECTION WILL BE SUBMITTED BY APT TO VERZON AND ITS CONTRACTOR FOR COMPLIANCE VERIFICATION OF THESE PROTECTION MEASURES. THESE REPORTS ARE NOT TO BE USED TO DOCUMENT COMPLIANCE WITH ANY OTHER PERMIT MONITORING, ETC.) ANY NON-COMPLIANCE OBSERVATIONS OF ERGOIN CONTROL MEASURES OR EVIDENCE OF EROSION OR SEDIMENT RELEASE WILL BE MIMEDIATELY REPORTED TO VERZION AND ITS CONTRACTOR AND INCLUDED IN THE REPORTS ALONG WITH ANY OBSERVATIONS OF WILDLIFE.
- B-FOLLOWING COMPLETION OF THE CONSTRUCTION PROJECT, APT WILL PROVIDE A FINAL COMPLANCE MONITORING REPORT TO VERIZON DOCUMENTING IMPLEMENTATION OF THE WETLAND PROTECTION PROGRAM AND MONITORING OBSERVATIONS, VERIZON IS RESPONSIBLE FOR PROVIDING A COPY OF THE FINAL COMPLENDE MONITORING REPORT TO THE CONNECTION STRING COUNCETTOR STING COUNCETTOR STRING CONNECTION STRING COUNCETTOR STORY CONNECTION.
- C. ANY OBSERVATIONS OF RARE SPECIES WILL BE REPORTED TO CIDEEP BY APT. WITH PHOTO-DOCUMENTATION (IF POSSIBLE) AND WITH SPECIFIC INFORMATION ON THE LOCATION AND DISPOSITION OF THE ANIMAL.

SEEDING SPECIFICATIONS (NON-WETLAND AREAS)

- A. IF GROUND HAS BEEN PREVIOUSLY MULCHED, MULCH MUST BE REMOVED OR ADDITIONAL NITROGEN MUST BE ADDED.
- B. REMOVE ALL SURFACE STONES 2" OR LARGER AS WELL AS ALL DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, CLUMPS, OR OTHER UNSUITABLE MATERIALS.
- APPLY FERTILIZER AT 7.5 POUNDS PER 1,000 SQUARE FEET AND LIME AT 200 POUNDS PER 1,000 SQUARE FEET UNLESS SOIL TESTING FOR REQUIREMENTS IS PERFORMED.
- E. DO NOT APPLY ANY FORM OF WEED CONTROL UNTIL GRASS HAS BEEN MOWED
- F. THESE SEEDING MEASURES ARE NOT TO BE USED ON SLOPES IN EXCESS OF 2:1
- G. PERMANENT SEEDING MEASURES ARE TO BE USED INSTEAD OF TEMPORARY SEEDING MEASURES WHERE WORK IS TO BE SUSPENDED FOR A PERIOD OF TIME
- H. IF THERE IS NO EROSION, BUT SEED SURVIVAL IS LESS THAN 100 PLANTS PER SQUARE FOOT AFTER 4 WEEKS OF GROWTH, RE—SEED AS PLANTING SEASON ALLOWS.

WETLAND BUFFER AREA ENHANCEMENT PLAN NOTES

WETLAND MITIGATION GOALS

- COMPENSATE FOR ACTIVITIES IN CLOSE PROXIMITY TO WETLANDS BY PROVIDING A
 WETLAND BUPFER ENHANCEMENT PLAN THAT INCLUDES REMOVAL OF INVASIVE PLA
 AND REPLANTING WITH ANTIVE SPECIES WHICH WILL IMPROVE FUNCTIONAL
 VALUES, PARTICULARLY WILDLIFE HABITAT, WATER QUALITY, AND AESTHETICS
 FUNCTIONS.
- PLANT ±10,000 SF WEILAND BUFFER ENHANCMENT AREA WITH SUFFICIENT DENSITY, FOCUSING ON SUPPORTING THE EXISTING FORESTED CANOPY AND NATIVE SPECIAL REPLACE AREAS WHERE WOODY INASSIVE PLANTS ARE PRESENT IN THE UNDERSTORY TO SUPPORT AVARIETY OF FUNCTIONS AND VALUES THAT ARE SUPPORTED BY THE ADJACENT WEILANDS AND UPLANDS.

GENERAL MITIGATION NOTES

- THE PROJECT WETLAND SCIENTIST WITH EXPERTISE IN WETLAND MITIGATION AND IN I NVASIVE PLANT SPECIES IDENTIFICATION AND REMOVAL/ERADICATION WILL SUPERMISE ALL ELEMENTS OF THE MITIGATION PLAN. DEAN GUSTASON, SENIOR WETLAND SCIENTIST, WITH ALL—POINTS TECHNOLOGY CORPORATION, P.C. WILL SERVE AS THE PROJECT WETLAND SCIENTIST; (860) 522-2033, DOISTASONBAGLE/DOINTSTECH.COM.
- ANY FOREIGN DEBRIS AND LITTER THAT HAS ACCUMULATED ON THE SURFACE OF THE MITIGATION AREA SHALL BE REMOVED AND PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL LOCAL STATE. AND FEDERAL REGULATIONS.
- PLASTIC MESH SLEEVES AND DEER REPELLANTS WILL BE USED AS NECESSARY TO PROTECT PLANTED SHRUBS FROM EXCESSIVE DEER DAMAGE. PLANTS WITH EXCESSIVE DAMAGE WILL BE REPLACED.
- THE PRIMARY METHOD OF INVASIVE PLANTS REMOVAL WILL CONSIST STUMP CUT AND APPLICATION OF AN APPROPRIATE HERBIGIDE REMOVAL TECHNIQUES WITH HERBIGIDE APPLICATION PERFORMED IN ACCORDANCE WITH THE HERBIGIDE USE NOTES BELOW.
- 5. PROPOSED ACTMITIES ARE NOT ANTICIPATED TO RESULT IN SIGNIFICANT SOIL DISTURBANCE, ANY EXPOSED SOILS RESULTING FROM THE METLAND BUFFER ENHANCEMENT ACTMITIES WILL BE MULCHED AND SEEDE WITH AN APPROPRIAT NATIVE SEED MIX SUITABLE FOR THE AREA DEPENDING UPON SHADE AND SOIL MOISTURE CONDITIONS OF THE AFFECTED AREAS.
- THE USE OF FERTILIZER AND PESTICIDES IN THE WETLAND BUFFER ENHANCEMENT AREA IS PROHIBITED. HERBICIDE USAGE WILL ONLY OCCUR AS NECESSARY FOR THE CONTROL OF INVASIVE SPECIES.
- 7. A PRE—CONSTRUCTION MEETING WILL BE HELD ON SITE BETWEEN THE PROJECT WETLAND SCIENTIST AND CONTRACTOR(S) PERFORMING ALL ASPECTS OF THE WETLAND BUFFER ENHANCEMENT PLAN. THE PRIMARY INTENT OF THE PRE—CONSTRUCTION MEETING IS TO DISCUSS THE COALS OF THE PLAN AND IMPLEMENTATION OF REQUIRED ELEMENTS NECESSARY TO ACHIEVE THESE GOALS AND SEQUENCE OF LEMENTS. HE CITY OF NEW MARCH WILL BE PROVIDED INCIDE OF THIS MEETING A MINIMAD OF 3 BUSINESS DAYS PRIOR TO THE MEETING.

PROPOSED WETLAND BUFFER ENHANCEMENT AREA

- INVASIVE WOODY SHRUB SPECIES CURRENTLY PRESENT IN THE UNDERSTORY OF THE WETAND BUFFER MITGATION AREA, INCLUDING BUT NOT LIMITED TO MULTIFLORA ROSE (ROSE MULTIFLORA) AND JAPANESE BARBERRY (BERBERIS THUBBERGI) SHALL BE REMOVED USING A STUMP CUT AND HERBICIDE APPLICATION TECHNIQUE, DETAILS OF WHICH ARE PROVIDED IN THE FOLLOWING NOTES.
- 2. INVASIVE SHRUBS WILL BE HAND CUT DOWN TO THE STEM BASE AND TREATED WITH HERBICIDE AS SPECIFIED IN THE HERBICIDE USE NOTES BELOW. HERBICIDE APPLICATIONS WILL BE CONDUCTED BY A STATE—LICENSED INDIVIDUAL THE CONTRACTOR IS RESPONSIBLE FOR SECURING NECESSARY LOCAL, STATE AND/OR FEDERAL PERMITS, INCLUDION NO APPLICATIONS OF HERBICIDES BHALL OCCUR WITHIN THE DELINEATED WETLAND AREAS, WHICH MAY REQUIRE A PERMIT FROM CTDEEP TO APPLY HERBICIDES IN AN AQUATIC EVENTROMMENT. REFER TO THE CONNECTION! NIVASIVE PLANT WORKING GROUP INVASIVE PLANT MANAGEMENT GUIDE OR MOST RECENT GUIDANCE FOR FURTHER DEFILIS AND GUIDANCE ON INVASIVE PLANT CONTROL AND REMOVAL RECOMMENDATIONS.

- 3. THE PROJECT WETLAND SCIENTIST RESPONSIBLE FOR THIS WETLAND BUFFER ENHANCEMENT PLAN DESIGN SHALL BE NOTHED BY THE CONTRACTOR A MINIMUM OF SEVEN (7) BUSINESS DAYS PRIOR TO ANY PHASE OF THE MITIGATION PROJECT NCLUDING REMOVAL OF INVASIVE PLANTS AND PLANTING OF MATTVE SHRUBS TO MONITOR AND OVERSEE MPLEMINITATION OF THE MITIGATION PLAN. PLEASE CONTACT DEAN GUSTAPON, SENIOR WETLAND SCIENTIST, ALL—POINTS TECHNOLOFY CORP., P.C. AT (860) 352–2033 OR BOUSTAFSONMELLPOINTSTECH.COM.
- 4. SOIL EXPOSED AS A RESULT OF INVASIVE SPECIES REMOVAL, GRADING ACTIVITIES, OR NATIVE SPECIES PLANTING ACTIVITIES IN UPLAND AREAS NOT STADED WILL BE UNDER SOWN WITH NEW ENCLAND SEMI SHADE GRASS WITH FORB MIX (NEWP, OR APPROVED EQUIVALENT). THIS SEED MIX PROVIDES A PERMANENT CORE OF GRASSES, FORBS, WILLDOWERS, LEGUMES, AND GRASSES TO PROVIDE BOTH GOOD EROSION CONTROL AND WILLDIFF HABITAT VALUE.
- 5. ALL PLANT MATERIALS INSTALLED SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CAREFUL INSTALLATION, MAINTENANCE (INCLUDING WATERING), AND ESTABLISHMENT OF NATIV SHRUB PLANT MATERIAL IN THE MITIGATION AREA, ALL PLANTS STALL BE GUARANTEED BY THE CONTRACTOR TO REMAIN ALIVE AND HEALTHY FOR A FULL TWELVE (12) MONTH PERROD.
- 6. THE SPECIES, SIZE, AND QUANTITY OF THE PLANTINGS WILL FOLLOW THE WETLAND BUFFER ENHANCHMENT AREA PLANTING SCHEDULE. THE PROJECT WETLAND SCIENTIST WILL INSPECT PLANT MARERALS BELLWERED TO THE SIZE TO ENSURE THAT THE SPECIMENS ARE HEALTHY, FREE FROM PETSY, AND SUITABLE FOR LISE WITHIN THE SPECIMENS ARE HEALTHY, FREE FROM PETSY, AND SUITABLE FOR LISE WITHIN THAT WE REPLACED WITH SUITABLE SPECIMENS, THE PROJECT WETLAND SCIENTIST MIST APPROVE ANY PLANTING SUBSTITUTIONS, ALL WOODY PLANT STOCK WILL BE CONTAINED-GROWN OF BUILD BELLED FLANTING WITHIN THE MITIGATION AREA WILL CONFORM TO THE PLANS OR WILL BE COMPLETED IN ACCORDANCE WITH DIRECTIONS PROVIDED IN THE PROJECT WETLAND SCIENTIST, ONLY PLANT PLANTING WITHIN THE MITIGATION AREA WILL CONFORM TO THE PLANS OR WILL BE COMPLETED IN ACCORDANCE WITH DIRECTIONS PROVIDED IN THE PLANS OR WILL BE COMPLETED IN ACCORDANCE WITH DIRECTIONS PROVIDED IN THE PLANS OR WILL BE COMPLETED IN ACCORDANCE WITH DIRECTIONS PROVIDED IN THE PLANT OF WITHIN THE MITIGATION AREA WILL DIRECTIONS THE PLANTING WITHIN THE MITIGATION AREA WILL DIRECTIONS TO BE THE PROJECT WETLAND SCENISTS. ONLY PLANT NATIVE AND INDIGENOUS TO THE REGION SHALL BE USED.
- 7. ALL PLANTINGS TO BE SPACED IN A RANDOM PATTERN WITH ASSISTANCE FROM THE PROJECT WETLAND SCIENTIST TO SIMULATE NATURAL GROWTH PATTERNS, PLANT QUANTITIES MAY BE ADJUSTED IN THE RIELD DEPENDING UPON MAILBILE PLANTING SPACE PROVIDED FOLLOWING WOODY INVASIVE PLANT REMOVAL ACTIVITIES. THE PLANT QUANTITIES NOTED REPRESENT THE MINIMAL QUANTITIES REQUIRED.
- 8. UPON COMPLETION OF PLANTING, SHRUBS SHALL BE MULCHED ONE FOOT FROM THE TRUNK/BASE WITH A 2 TO 3—INCH THICK LAYER OF NATURAL MULCH MATERIAL OR OTHER NATURAL ORGANIC MATERIAL FREE OF WEED SEEDS, INVASIVE SPECIES AND ARTIFICIAL COLORNIG. THE SURROUNDING SEDEDD AREAS SHALL RECEIVE A LIGHT APPLICATION OF ONE INCH OR WEED FREE STRAW.

HERBICIDE USE NOTES

- ALL HERBICIDE APPLICATIONS SHALL BE PERFORMED BY A STATE LICENSED I NDIVIDUAL UNDER THE SUPERVISION OF THE PROJECT WETLAND SCIENTIST.
- CERTIFICATIONS, LICENSES AND PERMITS SHALL BE PRODUCED BY THE LICENSED APPLICATOR AND SUBMITTED TO THE PROJECT WETLAND SCIENTIST PRIOR TO THE START OF WORK.
- 5. ONLY NONIONIC SURFACTANTS SHALL BE ADDED TO THE SPECIFIED HERBICIDES
- 6. INVASIVE WOODY SHRUBS LOCATED WITHIN THE WETLAND BUFFER ENHANCEMENT AREA SHALL BE CIT THEAT THE THEAT THE STUMPS SHALL BE CIT THEAT THE THEAT THE STUMPS SHALL BE CONTROL THEAT THE STUMP LEVEL AND STUMPS SHALL RECEIVE A TRICLOPYE HERBICIDE (GARLON, ACCESS®, OR APPROVED EQUIVALENT) USING A HAND APPLICATOR METHOD (PANIT BRUSH, SPONGE, OR EQUIVALENT) OR LOW VOLUME HAND SPRAYER WITHIN ONE HOUR OF CUTTING. ADJACENT NATIVE PLANTS WILL BE PROTECTED DURNO HERBICIDE APPLICATIONS.

MITIGATION MONITORING SUCCESS STANDARDS AND REPORTING

- 1. THE WEILAND BUFFER ENHANCEMENT AREA WILL BE ASSESSED USING THREE SUCCESS STANDARDS AS DESCRIBED BELOW, SUCCESS STANDARD 1: AT LEAST 75% OF THE SUBFRACE AREA OF THE WOODY AND HERBACEOUS UNDERSTORY WITHIN THE WEILAND BUFFER ENHANCEMENT AREA SHOULD BE REESTRABLISHED WITH INDIDENOUS WOODY AND HERBACEOUS SPECIES, SUCCESS STANDARD 2: VECETATION SHOULD BE DECENDED AND MORE THAN 20% OF STANDARD 3: SOLIC WITHIN THE WEILAND BUFFER ENHANCEMENT AREA. SISTAMDARD 3: SOLIC WITHIN THE WEILAND BUFFER ENHANCEMENT AREA. DISTURDED DURING IMPLEMENTATION OF THIS PLAN ARE PERMANTENTLY STABILIZED.
- A REPORT WILL BE PREPARED UPON THE COMPLETION OF ALL WETLAND BUFFER ENHANGEMENT ACTIVITIES DOCUMENTING PROPER IMPLEMENTATION OF THE WETLAND BUFFER ENHANCEMENT FUAN, INCLUDING WOODY INVASIVE PLANT TREATMENTS AND PLANTING OF NATIVE SPECIES.
- 3. MONITORING OF THE WEILAND BUFFER MITIGATION AREA WILL BE PERFORMED DURING THE TWO (2) YEAR'S GROWING SEASON FOLLOWING COMPLETION OF THE WOOD'S INVASIVE PLANT TREATMENT AND NATIVE REPLANTING ACTIVITIES. A MONITORING REPORT WILL PROVIDE DETAILS ON THE THREE SUCCESS STANDARDS PREVIOUSLY NOTED WITH THE GOAL BEING THAT ALL SUCCESS STANDARDS PREVIOUSLY NOTED WITH THE GOAL BEING THAT ALL SUCCESS STANDARDS PREVIOUSLY NOTED WITH THE GOAL BEING THAT ALL SUCCESS THE MONITORING REPORT WILL INCLUDE REPRESINATIVE PROTOGRAPHS, THE PERCENT SURVIVAL OF PLANTED SHRUBS AND WILL ALSO INCLUDE OBSERVATIONS OF VEGETATION HEALTH AND DEVELOPMENT ALONG WITH ANY WILDLIFE OBSERVATIONS. IF THERE ARE PROBLEMS THAT NEED TO BE ADDRESSED AND IF THE MEASURES TO CORRECT THEM IF FOLLOWING COMPLETION OF TWO—YEAR MONITORING PROGRAM NOT ALL OF THE SUCCESS STANDARDS ARE SATISFIED, RECOMMENDATIONS FOR ADDITIONAL MONITORING/CORRECTIVE ACTIONS WILL BE INCLUDED IN THE REPORT.

WETLAND BLIFFER ENHANCEMENT AREA PLANTING SCHEDULE

QUALITY	BOTANICAL NAME	COMMON NAME	SIZE*	SPACING*
40	AMELANCHIER CANADENSIS	SERVICEBERRY	3-4'	5-10 FEET
40	CORNUS AMOMUM	SILKY DOCWOOD	3-4'	5-10 FEET
40	CORNUS RACEMOSA	GRAY DOGWOOD	3-4'	5-10 FEET
40	VIBURNUM DENTATUM	ARROWWOOD	3-4'	5-10 FEET
40	ARONIA MELANOCARPA	BLACK CHOKEBERRY	3-4'	5-10 FEET

NOTES:

- 1.THE WETLAND BUFFER ENHANCEMENT AREA WILL CONSIST OF REMOVAL NON NATIVE INVASIVE SHRUBS SPECIES AND REPLANTING WITH NATIVE SHR NOTED IN THE PLANTING SCHEDULE TABLE.
- CS-HRUB SPACING IS PROVIDED FOR GENERAL PURPOSES. THE ACTUAL LOCATION OF PLANTS WETLAND BUFFER ENHANCEMENT AREA WILL BE ADJUSTED IN THE FIELD BASED ON AVAILABLE SPACE FOLLOWING INVASIVE PLANT REMOVAL ACTIVITIES. THE SUPPERVISION WETLAND SCIENTIST WILL ASSIST IN SELECTING PLANTING LOCATIONS AND SPACING TO SIMULATE NATURAL GROWTH PATTERNS.
- PLANTING LOCATIONS AND SPACING TO SINUCLAR KANLIPAG, GROWIN PATIENTS.

 SOUL EXPOSED AS A RESULT OF INVASIVE SPECIES REMOVAL AND NATIVE
 SPECIES PLANTING ACTIVITIES WILL BE UNDER SOWN WITH A NATIVE SEED MIX
 CONSISTING OF A NEW ENGLAND SEMI-SHADE GRASS AND FORBS MIX (NEW
 ENGLAND WETLAND PLANTS INC., OR APPROVED EQUIVALENT). THIS SEED MIX IS
 APPROPRIATE FOR SHADED FOREST UNDERSTORY HABITAT BY PROVIDING A
 PERMANENT COVER OF GRASSES AND FORBS TO PROVIDE BOTH GOOD EROSION
 CONTROL AND WILDLIFE HABITAT VALUE.



750 PARK OF COMMERCE DR. BOCA RATON, FL. 33487

Cellco Partnership d/b/a Verizon Wireless



WIRELESS COMMUNICATIONS FACILITY 20 ALEXANDER DRIVE WALLINGFORD, CT 06492



😵 On Air Engineering, LLC

88 Foundry Pond Road Cold Spring, NY 10516 201-456-4624





DAVID WEINPAHL, P.E.

:.01	DATE:	SUBMISSIONS
0	01.31.24	REVIEW
1	04.10.24	REVISED PER CLIENT COMMENTS
2	04.18.24	CSC FILING SET
3	06.07.24	REVISED PER ATTORNEY

VERTICAL BRIDGE SITE ID

MF

US-CT-5056

DW

VERIZON SITE NAME:

MILFORD EAST CT

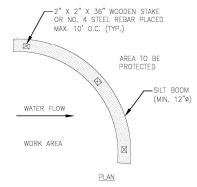
PROJECT INFORMATION:

425 OLD TAVERN RD. ORANGE, CT 06477

DRAWING TITLE:

ENVIRONMENTAL NOTES

SHEET NUMBER:



- NOTES:

 1. CONTRACTOR SHALL MAINTAIN SILT SOCK IN A FUNCTIONAL CONDITION AT ALL TIMES. SILT SOCK SHALL BE ROUTINELY INSPECTED.

 2. IF DAMAGED, SILT SOCK SHALL BE REPAIRED OR REPLACED.

 3. CONTRACTOR SHALL REMOVE SEDIMENT IN THE BASE OF THE UPSLOPE SIDE OF THE SILT SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF EFFECTIVE HEIGHT, WHICH SHALL BE DE IERMINED BASED ON TABLE 1 OR AS DIRECTED BY TOWN OR ENGINEER.

 4. SILT SOCK SHALL BE MAINTAINED UNTIL DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED.

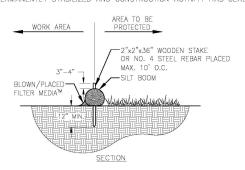
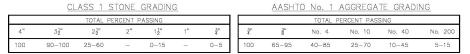
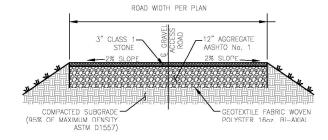


TABLE 1

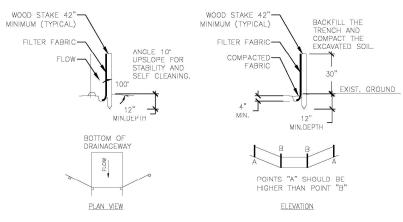
SILT BOOM DIAMETER	EFFECTIVE HEIGHT	HALF OF EFFECTIVE HEIGHT
12 INCHES	9.5 INCHES	4.8 INCHES
18 INCHES	14.5 INCHES	7.3 INCHES
24 INCHES	19 INCHES	9.5 INCHES













SUGGESTED SEEDING MIXTURES AND PRACTICES (NON-WETLAND AREAS)

AREAS WHERE SEED MIX APPLIES	SEEDING MIXTURES BY WEIG	HT	RATE PER 1,000 SQ. FT.	SEEDING DATES
ALL LAWN AREAS	RED FESCUES KENTUCKY BLUEGRASS PERENNIAL RYEGRASS	45% 45% 10%	1 LBS.	APRIL 1 — JUNE 15 OR AUG. 15 — OCT. 1
ROAD CUTS, FILLS, DIVERSION DITCHES, & STORMWATER BASINS	KENTUCKY TALL FESCUE REDTOP CREEPING RED FESCUE	47% 6% 47%	0.95 LBS.	APRIL 1 - JUNE 15 OR AUG. 15 - OCT. 1

WHERE TREES ARE TO BE RETAINED, THE SEED MIXTURE SHOULD BE ADAPTED FOR SHADY CONDITIONS.

TEMPORARY SEEDING ANNUAL RYECRASS OR 1-1/2 LBS. WITHIN 7 DAYS AFTER SUSPENSION OF GRADING WORK

A) MINIMUM LENGTH OF SILT FÉNCE IS 15 L.F.
B) MAXIMUM POST SPACING IS 10 L.F. C) JOINTS ONLY AT SUPPORT POST WITH MINIMUM 6" OVERLAP, SECURELY SEALED.

D) SEDIMENTATION DEPOSITS SHALL BE D) SEDIMENTATION DEPOSITS SHALL B REMOVED WHEN THEY REACH 1/2 THE HEIGHT OF THE SILT FENCE. E) SILT FENCE SHALL NOT BE USED IN A WATER COURSE.

IN A WALER COURSE.

F) UPON ESTABLISHMENT OF GROUND
COVER ON DISTURBED AREAS, AND
WHEN DIRECTED BY THE ENGINEER,
FENCE WILL BE REMOVED AND ANY
SEDIMENTATION WILL BE THINLY SPREAD
UPON EXISTING GROUND COVER.

UNDISTURBED SOIL GRADE -6" WIDE PLASTIC U/G WARNING TAPE W/ "CAUTION BURIED UTILITY LINES" BACKFILL WITH SUITABLE
MATERIAL COMPACTED TO 95% MAXIMUM DENSITY (ASTM D 1557) -SCREENED SAND BEDDING -2" CONCRETE ENCASEMENT AS PER POWER COMPANY

TRENCH SURFACE RESTORATION
AS REQUIRED TO MATCH

PROVIDE TWO 4" SCHEDULE 40 PVC

COMMUNICATION (TELEPHONE, F/O)
CONDUITS WITH 200 LB MIN. TENSILE
STRENGTH PULL TAPE. TELEPHONE
COMPANY WILL SUPPLY AND INSTALL

EXIST./PROP. CONDITIONS.

NOTES:

1. THE CLEAN FILL SHALL PASS THROUGH A 3/8" MESH SCREEN AND SHALL NOT CONTAIN SHARP STONES. OTHER BACKFILL SHALL NOT CONTAIN ASHES, CINDERS, SHELLS, FROZEN MATERIAL, LOOSE DERBIES OR STONES LARGER THAN 2" IN MAXIMUM DIMENSION. WHERE EXISTING UTILITIES ARE LIKELY TO BE ENCOUNTERED.

WHERE APPLICABLE, PROVIDE TWO
4" SCHEDULF 40 PVC FIFCTRIC
CONDUITS (1-ACTIVE FOR UTILITY
PRIMARY FEEDER AND 1-SPARE

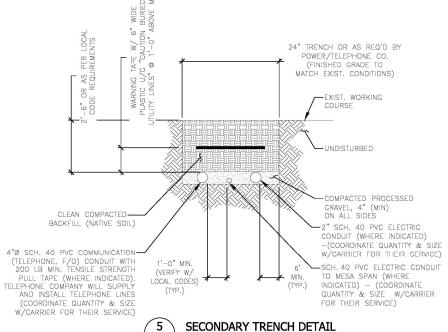
WITH PULL ROPE)

BE ENCOUNTERED.

2. CONTRACTOR SHALL HAND DIG AND PROTECT EXISTING UTILITIES.

3. EXISTING PAVEMENT SHALL BE SAW—CUT PRIOR TO TRENCH EXCAVATION (WHERE APPLICABLE).





C-4/

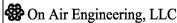


750 PARK OF COMMERCE DR. BOCA RATON, FL. 33487

Cellco Partnership d/b/a Verizon Wireless



WIRELESS COMMUNICATIONS FACILITY 20 ALEXANDER DRIVE WALLINGFORD, CT 06492



88 Foundry Pond Road Cold Spring, NY 10516 201-456-4624

LICENSURE



DAVID WEINPAHL, P.E.

NO.:	DATE:	SUBMISSIONS
0	01.31.24	REVIEW
1	04.10.24	REVISED PER CLIENT COMMENTS
2	04.18.24	CSC FILING SET
3	06.07.24	REVISED PER ATTORNEY
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MF DW

VERTICAL BRIDGE SITE ID:

US-CT-5056

VERIZON SITE NAME:

MILFORD EAST CT

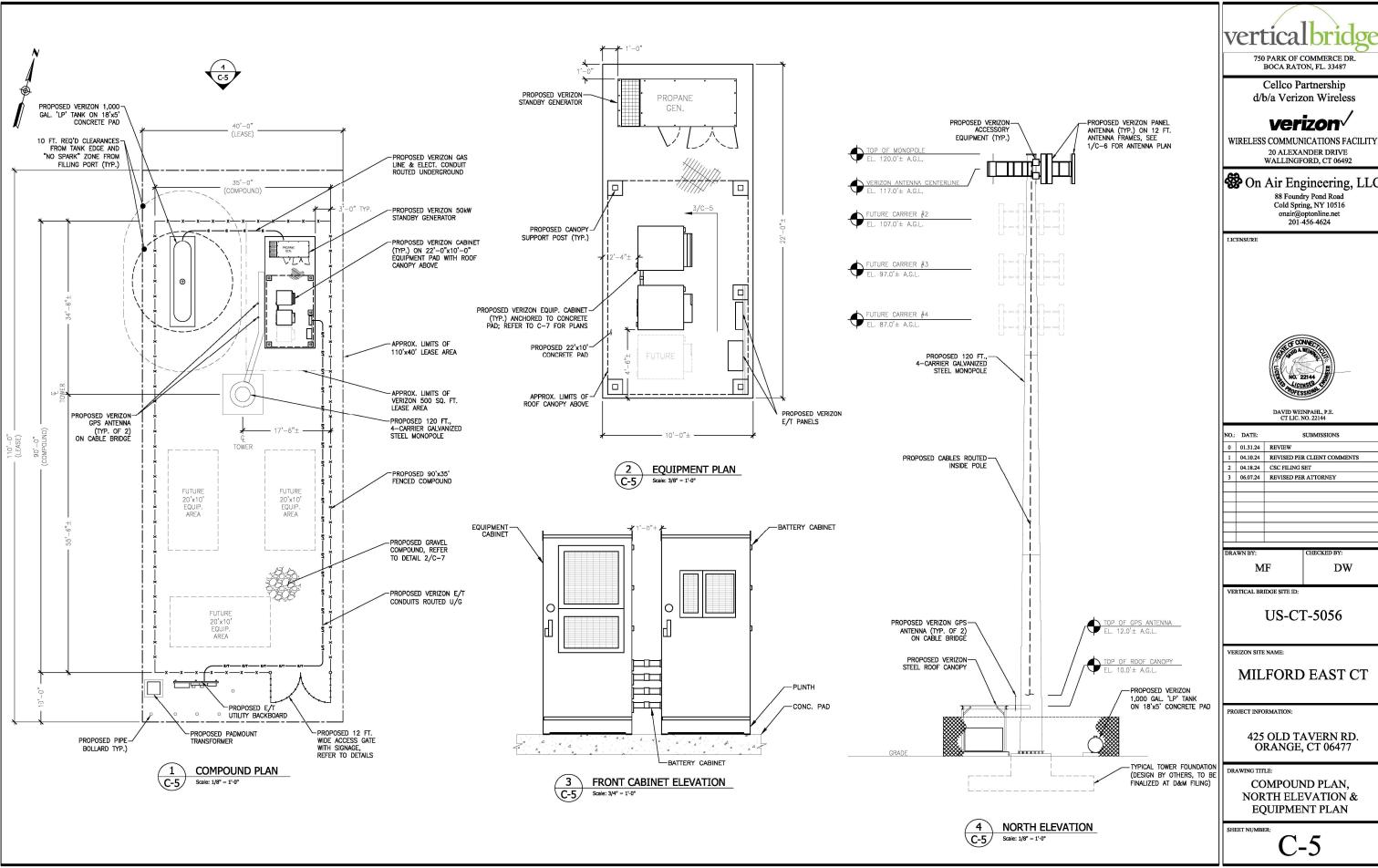
PROJECT INFORMATION:

425 OLD TAVERN RD. ORANGE, CT 06477

DRAWING TITLE:

SITE/CIVIL ENGINEERING DETAILS

SHEET NUMBER:





Cellco Partnership d/b/a Verizon Wireless



20 ALEXANDER DRIVE

On Air Engineering, LLC

88 Foundry Pond Road Cold Spring, NY 10516 onair@optonline.net 201-456-4624



NO.:	DATE:	SUBMISSIONS
0	01.31.24	REVIEW
1	04.10.24	REVISED PER CLIENT COMMENTS
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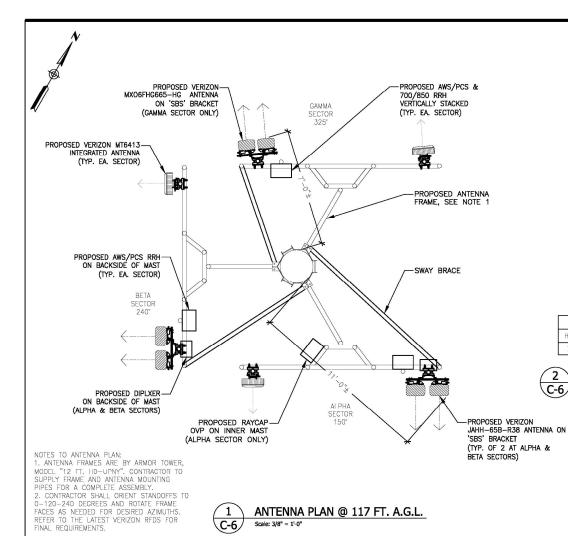
DW

US-CT-5056

MILFORD EAST CT

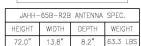
425 OLD TAVERN RD. ORANGE, CT 06477

NORTH ELEVATION & **EQUIPMENT PLAN**



(C-6)

JAHH-65B-R2B ANTENNA SPEC



JAHH ANTENNA DETAIL C-6/ Scale: N.T.S.



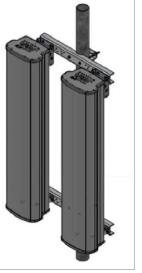
SAMSUNG	RRH AWS/PC	S ORAN SPEC	CIFICATIONS
HEIGHT	WIDTH	DEPTH	WEIGHT
15"	15"	10"	74.7 LBS





GE	NERAC GE	NERATOR	SPECIFICAT	IONS
MODEL #	LENGTH	WIDTH	HEIGHT	WEIGHT
SC050NA	94.8"	38.0"	57.5"	2,341 LBS

50kW GENERAC GAS GENERATOR (C-6) Scale: N.T.S.



MX06FI	HG665-H0	ANTENNA	SPEC.
HEIGHT	WIDTH	DEPTH	WEIGHT
72.0"	12.2"	7.5"	41 0 LBS

JMA 'MX' ANTENNA DETAIL C-6



SAMSUNG	RRH 700/85	0 ORAN SPEC	CIFICATIONS
HEIGHT	WIDTH	DEPTH	WEIGHT
15"	15"	9.1"	70.3 LBS

RRH DETAIL - 700/850 (C-6)



12	VERIZON INFORMATION S
C-6	Scale: N.T.S

MT6413 ANTENNA SPECIFICATIONS

15.8"

Scale: N.T.S

C-6

Scale: N.T.S

STATE:

Site ID:

NOTE:

4

C-6

DEPTH

MT6413 ANTENNA DETAIL

RAYCAP OVP SPECIFICATIONS

EPTH

10.3"

INFORMATION

This is an ACCESS POINT to an

area with transmitting antennas.

Call Verizon Wireless at 1-800-264-6620 for more information

1, "GREEN" INFORMATION SIGN SHALL

BE LOCATED AT COMPOUND ENTRY LOCATION AND VERIZON EQUIPMENT.

2. SIGN MEASURES 12"Wx8"H

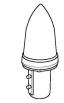
SWITCH:

WEIGHT 32 LBS

WEIGHT

5.51" 57.3 LBS

NOTE TO ANTENNA & EQUIPMENT SPECIFICATIONS: DEVICES (RRH/OVP/ETC.), EQUIPMENT CABINETS, GENERATORS, ETC. ARE SUBJECT TO CHANGE BASED ON PRODUCT AVAILABILITY AT TIME OF



KS-24		ZA GPS AN	ITENNA
HEIGHT	WIDTH	DIAMETER	WEIGHT
5"	16.06"	3.17"	0.6 LBS

*ALL MOUNTING OPTIONS FIT PIPES OF 1"-1.45" MAX. DIA.





CBC		43-2X DIP FICATIONS	LEXER
HEIGHT	WIDTH	DEPTH	WEIGHT
6.4"	6.9"	9.6"	20.7 LBS



DIPLEXER DETAIL Scale: N.T.S



1. "YELLOW" CAUTION SIGN SHALL BE LOCATED AT COMPOUND ENTRY LOCATION AND VERIZON EQUIPMENT. 2. SIGN MEASURES 12"Hx8"W



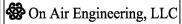


750 PARK OF COMMERCE DR. BOCA RATON, FL. 33487

Cellco Partnership d/b/a Verizon Wireless



WIRELESS COMMUNICATIONS FACILITY 20 ALEXANDER DRIVE WALLINGFORD, CT 06492



88 Foundry Pond Road Cold Spring, NY 10516 201-456-4624

LICENSURE



NO.:	DATE:	SUBMISSIONS
0	01.31.24	REVIEW
1	04.10.24	REVISED PER CLIENT COMMENTS
2	04.18.24	CSC FILING SET
3	06.07.24	REVISED PER ATTORNEY

DW MF

VERTICAL BRIDGE SITE ID:

US-CT-5056

VERIZON SITE NAME:

MILFORD EAST CT

PROJECT INFORMATION:

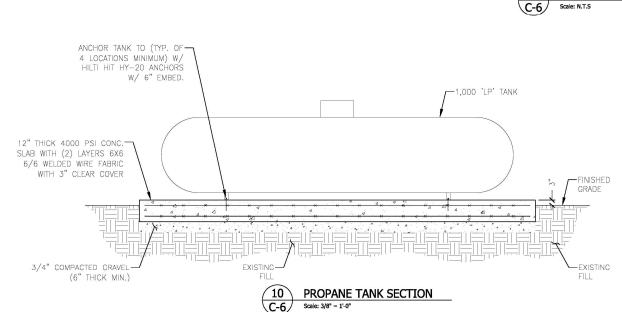
425 OLD TAVERN RD. ORANGE, CT 06477

DRAWING TITLE:

ANTENNA PLAN & DETAILS

SHEET NUMBER:

C-6



ANTENNA PLAN @ 117 FT. A.G.L.



GENERAC GENERATOR SPECIFICATIONS					
MODEL #	LENGTH	WIDTH	HEIGHT	WEIGHT	
SC050NA	94.8"	38.0"	57.5"	2,341 LBS	

