STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

August 7, 2020

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

RE: **PETITION NO. 1331 –** Cellco Partnership d/b/a Verizon Wireless declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed installation of two small cell wireless telecommunications facilities located at Lime Rock Park, 497 Lime Rock Road, Lakeville (Salisbury), Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated August 3, 2020 regarding the minor project changes to the above-referenced declaratory ruling that was issued by the Council on December 7, 2017.

Pursuant to Condition No. 3 of the Council's Decision on December 7, 2017, your request to change the antenna model to be installed at the two approved small cell facilities at Lime Rock Park is hereby approved.

This approval applies only to the minor project changes dated August 3, 2020. Any significant changes to the project require advance Council notification and approval.

Thank you for your attention and cooperation.

Sincerely,

s/Melanie A. Bachman

Melanie A. Bachman
Executive Director

MB/FC/lm

Robinson+Cole

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts
and New York

August 3, 2020

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Petition No. 1331 –Cellco Partnership d/b/a Verizon Wireless**
Lime Rock Park, 497 Lime Rock Road, Lakeville, Connecticut

Request for Staff Approval of Minor Project Changes

Dear Attorney Bachman:

On December 7, 2017, the Siting Council approved Cellco's Petition for a Declaratory Ruling to establish two small cell wireless facilities at Lime Rock Park in Lakeville, Connecticut. Recently, Cellco decided to change the model of the antenna it intends to use at each of the approved small cell locations. A copy of the new antenna model specification sheet is included in Attachment 1.

The location of the two approved facilities will not change and the overall height of each structure, to the top of the cannister antenna, will remain the same. The proposed antenna centerline height will be 24.3' above grade at the Lime Rock Park SC 1 facility and 29' above grade at the Lime Rock Park SC 2 facility. Project plans for both small cell facilities are included in Attachment 2.

Radio frequency ("RF") emissions from both proposed facilities, with the new antenna models, will continue to comply with the standards adopted by the Federal Communications Commission ("FCC"). Included in Attachment 3 are General Power Density tables that demonstrate that Lime Rock Park SC1 or Lime Rock Park SC2 Facilities will operate well within the FCC safety standard.

Cellco respectfully submits that, pursuant to Condition No. 3 of the Council's December 7, 2017 approval, the proposed modifications described above are "minor project changes" that can be approved by Council staff. A copy of this correspondence was sent to Salisbury's First Selectman Curtis Rand; Abby Conroy, Land Use Administrator; and Lime Rock Park LLC, the owner of the Property.

If you have any questions or need any additional information regarding this matter, please do not hesitate to contact me.

Sincerely,

Kenneth C. Baldwin

Copy to:
Corey Vaccaro

ATTACHMENT 1

4U4MT360X06Fxys0

PSEUDO OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

Features

- Pseudo Omni configuration with 16 connectors
- Ideal for Small Cell / DAS applications
- Available with 4.3-10 connectors
- This antenna meets the requirements of the U-NII
- Available for order with a grey, brown or black radome

Connector Description

The antenna has 16 connectors located at the bottom.

Mid Band #1	Y1	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #2	Y2	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #3	Y3	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #4	Y4	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #5	Y5	Pseudo Omni	3550-3700 MHz	(2x) 4.3-10 Female
Mid Band #6	Y6	Pseudo Omni	3550-3700 MHz	(2x) 4.3-10 Female
High Band #1	V1	Pseudo Omni	5150-5925 MHz	(2x) 4.3-10 Female
High Band #2	V2	Pseudo Omni	5150-5925 MHz	(2x) 4.3-10 Female

Electrical Characteristics

		Y1, Y2, Y3, Y4				Y5 Y6	V1 V2
Frequency Bands (MHz)		(4x) 1695-2700				(2x) 3550-3700	(2x) 5150-5925
		1695-1880	1850-1990	1920-2200	2300-2700		
Polarization		(4x) ±45°				(2x) ±45°	(2x) ±45°
Horizontal Beamwidth		360°	360°	360°	360°	360°	360°
Vertical Beamwidth		23.4° ± 4.2°	21.7° ± 4.3°	20.9° ± 4.3°	17.1° ± 3.2°	37.1° ± 10.6°	22.9° ± 5.1°
Gain		9.1 ± 0.5 dBi	8.9 ± 0.4 dBi	9.1 ± 0.7 dBi	9.6 ± 0.6 dBi	5.2 ± 0.5 dBi	Avg. 5.1 dBi Max. 5.8 dBi
Electrical Downtilt (°)		(x) 2, 4, 6				(y) 0	(y) 0
Impedance		50Ω				50Ω	50Ω
VSWR		≤ 1.5:1				≤ 1.5:1	≤ 1.5:1
Upper Sidelobe Suppression		> 14 dB				N/A	> 13 dB
Isolation	Intraband	25 dB				25 dB	25 dB
	Interband	28 dB				28 dB	28 dB
IM3 (2x20W carrier)		< -153 dBc				N/A	N/A
Input Power		(8x) 300 W				(4x) 100W	(4x) 50W
U-NII Compliant		---				---	Yes
Number of Sectors, Pattern Shape		3 Sectors / Pseudo Omni					
Lightning Protection		Direct Ground					

Mechanical Characteristics

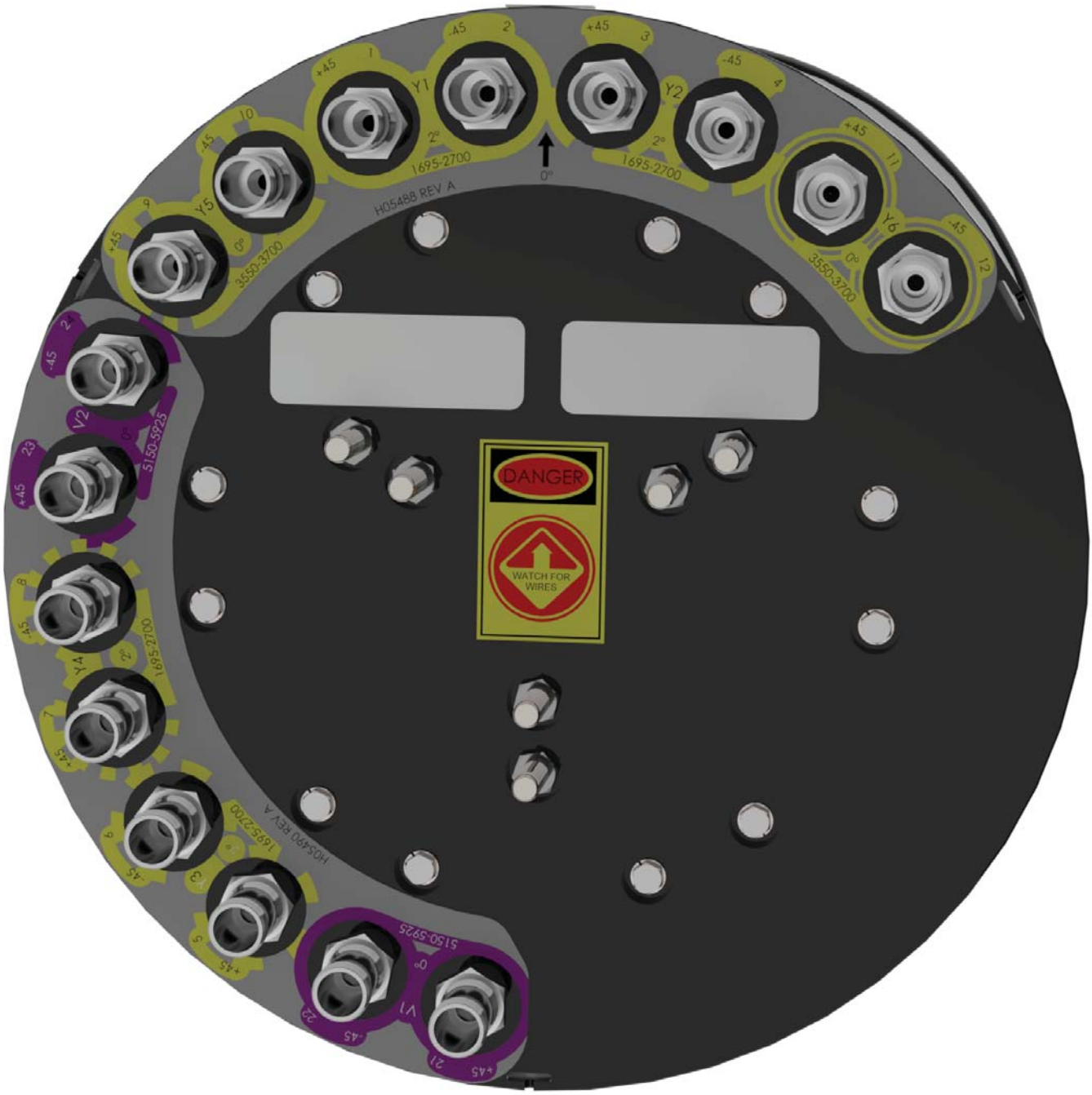
Antenna Dimensions (Height x Diameter)	610 x 371	mm	24.0 x 14.6	in
Weight without Mounting Bracket Kit	12.7	kg	28	lbs
Antenna Volume	0.07	m^3	2.3	ft^3
Survival Wind Speed	241	km/hr	150	mph
Wind Area	0.22	m^2	2.4	ft^2
Wind Load (160 km/hr or 100 mph)	191	N	43	lbf

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

4U4MT360X06Fxys0

PSEUDO OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

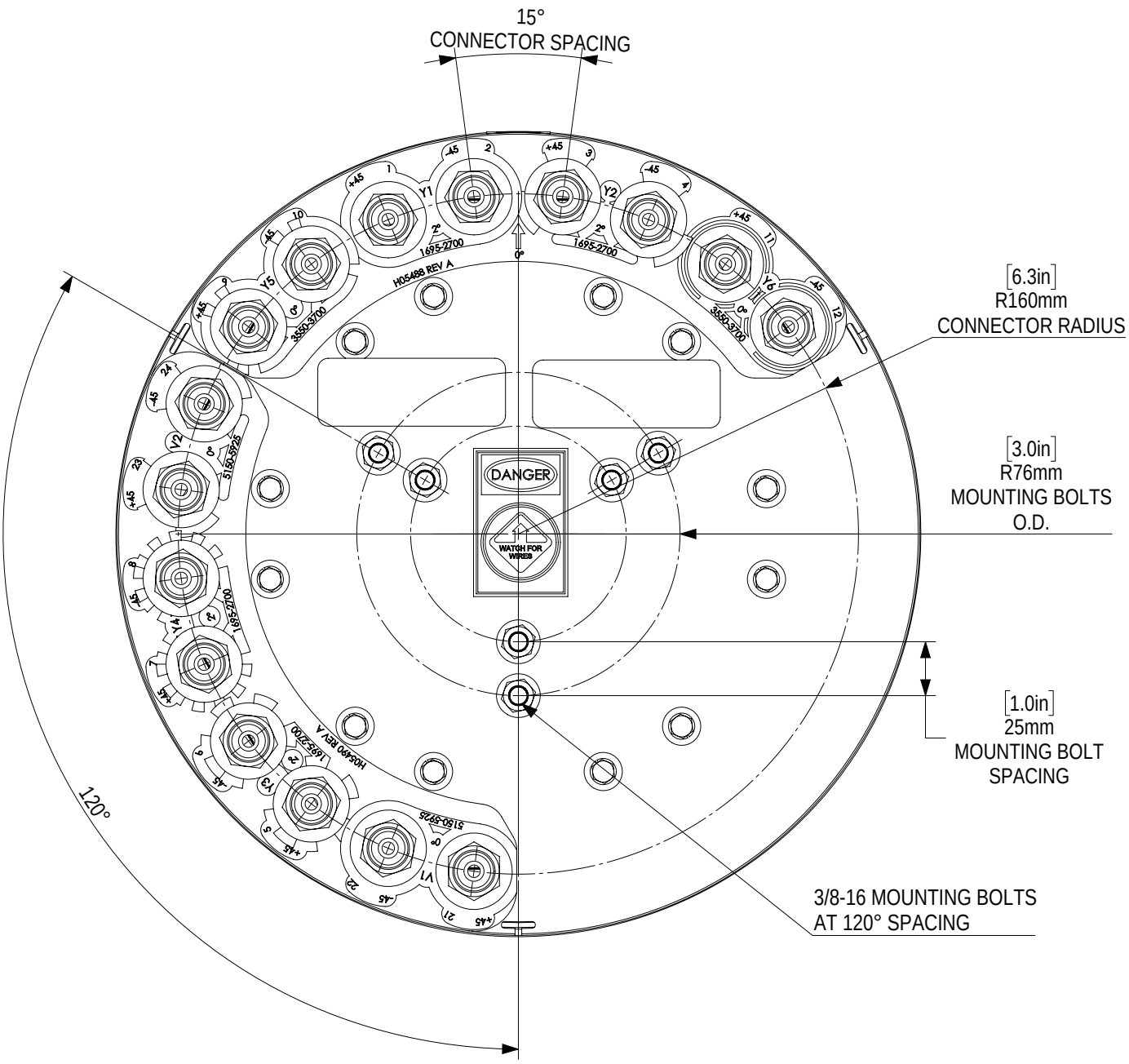
Bottom View - Labeling



4U4MT360X06Fxys0

PSEUDO OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

Bottom View - Connector Diagram



4U4MT360X06Fxys0

PSEUDO OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

Ordering Options

When ordering, select the Radome Color and Degree of Electrical Downtilt (**xy**) for the Mid and High Bands.

Radome Color	Electrical Downtilt Degree		Connector Type
	Mid Band (**x**)	High Band (**y**)	4.3-10 Female
Grey Pantone 420 C	2°	0°	4U4MT360X06F**20**s0
	4°	0°	4U4MT360X06F**40**s0
	6°	0°	4U4MT360X06F**60**s0
	Y1 and Y2 = 2° Y3 and Y4 = 6°	0°	4U4MT360X06F**AA**s0
	Y1 and Y2 = 2° Y3 and Y4 = 4°	0°	4U4MT360X06F**BB**s0
Brown Pantone 476 C	2°	0°	4U4MT360X06F**20**s0**BR**
	4°	0°	4U4MT360X06F**40**s0**BR**
	6°	0°	4U4MT360X06F**60**s0**BR**
	Y1 and Y2 = 2° Y3 and Y4 = 6°	0°	4U4MT360X06F**AA**s0**BR**
	Y1 and Y2 = 2° Y3 and Y4 = 4°	0°	4U4MT360X06F**BB**s0**BR**
Black RAL 9011	2°	0°	4U4MT360X06F**20**s0**BK**
	4°	0°	4U4MT360X06F**40**s0**BK**
	6°	0°	4U4MT360X06F**60**s0**BK**
	Y1 and Y2 = 2° Y3 and Y4 = 6°	0°	4U4MT360X06F**AA**s0**BK**
	Y1 and Y2 = 2° Y3 and Y4 = 4°	0°	4U4MT360X06F**BB**s0**BK**

Mounting Kits

This antenna can be mounted using any of the following mounting kits. Mounting kits must be ordered separately.

Side Mounting Bracket Kit	Top Mounting Bracket Kit	Utility Pole Mounting Bracket Kit	Wide Diameter Pole Top Mounting Bracket Kit
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01	CWT-MKS-BASE-xx
			

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

ATTACHMENT 2

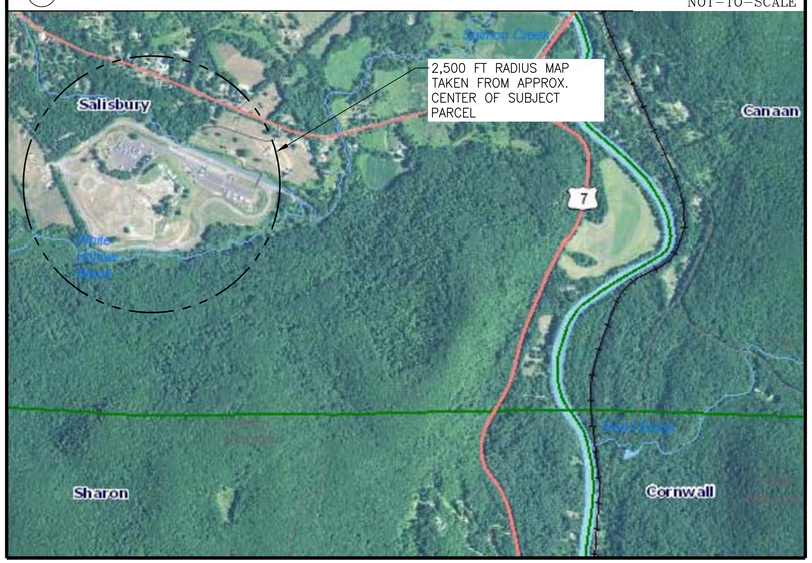
WIRELESS COMMUNICATIONS FACILITY

LIME ROCK PARK SC1 CT
LIME ROCK PARK SC2 CT

LIME ROCK PARK
497 LIME ROCK RD.
LAKEVILLE, CT 06039
TOWN OF SALISBURY

2,500 FT. RADIUS MAP

NOT-TO-SCALE



VICINITY MAP

NOT-TO-SCALE

PROJECT SUMMARY

SITE NAME(S):	LIME ROCK PARK SC1 CT LIME ROCK PARK SC2 CT
SITE ADDRESS:	497 LIME ROCK RD. LAKEVILLE, CT 06039 TOWN OF SALISBURY
PROPERTY OWNER & MAILING ADDRESS:	LIME ROCK PARK LLC 497 LIME ROCK RD. LAKEVILLE, CT 06039
SMALL CELL SC1: COORDINATES/AMSL:	41° 55' 40.468" N 73° 22' 37.634" W 570.2' AMSL
SMALL CELL SC2: COORDINATES/AMSL:	41° 55' 41.425" N 73° 23' 20.837" W 592.0' AMSL
APPLICANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DR., 9TH FL. EAST HARTFORD, CT 06108
VERIZON WIRELESS CONTACTS:	BRYON MORAWSKI - CONSTR. (860) 604-9142 ALEKSEY TYURIN - SAC (860) 933-1534
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN, ESQ. ROBINSON & COLE, LLP (860) 275-8345

DRAWING SCHEDULE

SHEET NO.	SHEET DESCRIPTION
T-1	TITLE SHEET
C-1	SITE LAYOUT
C-2	ANTENNA #1 PLANS & ELEVATIONS
C-3	ANTENNA #2 PLAN & ELEVATION
C-4	DETAILS
C-5	ABUTTERS MAP & PROPERTY OWNER LIST

PROJECT DESCRIPTION

- INSTALLATION OF (2) SMALL CELL FACILITIES ON SUBJECT PARCEL
- ANTENNA #1 TO BE LOCATED ON THE EXISTING CHALET BUILDING
- ANTENNA #2 TO BE LOCATED ON A NEW WOOD POLE
- EACH LOCATION TO ALSO INCLUDE REMOTE RADIO UNITS, DIPLEXERS AND E/T PANELS WITHIN SMALL FENCED-IN AREAS AT BASE
- INSTALLATION OF CABLING FROM EQUIP. CABINETS TO ANTENNAS
- ELECTRICAL & TELEPHONE CONNECTIONS TO EXISTING UTILITY DEMARCATION POINTS

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

DAVID WEINPAHL, P.E.
CT LIC. NO. 22144

NO.:	DATE:	SUBMISSIONS
0	09.05.17	REVIEW
1	10.06.17	REVISED PER CLIENT COMMENTS
2	07.30.20	REVISED PER NEW RFDS

DRAWN BY:	CHECKED BY:
AS	DW

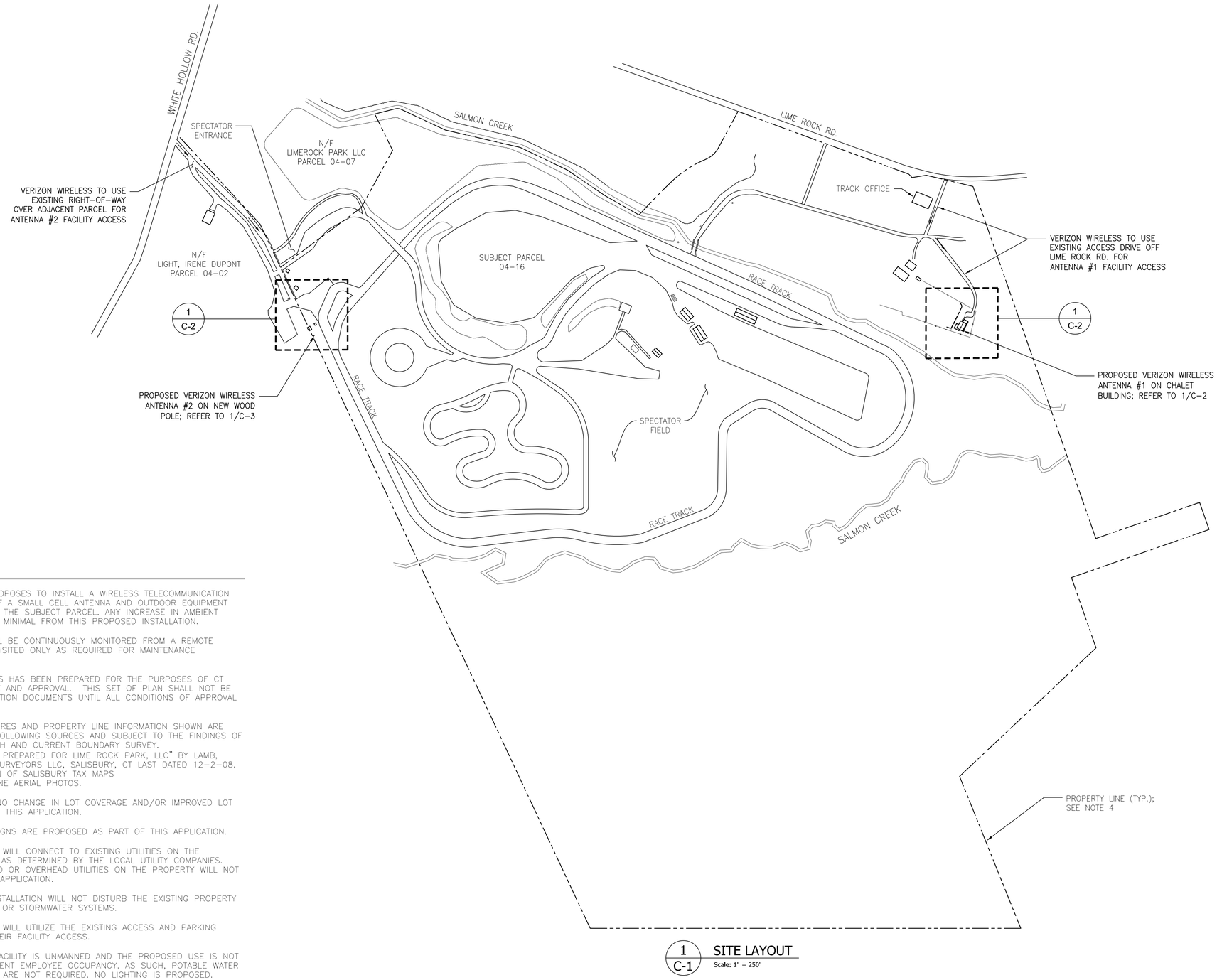
SITE NAME:
LIME ROCK PARK SC1 CT
LIME ROCK PARK SC2 CT

PROJECT DESCRIPTION:
SMALL CELL

PROJECT INFORMATION:
LIME ROCK PARK
497 LIME ROCK RD.
LAKEVILLE, CT 06039
TOWN OF SALISBURY

DRAWING TITLE:
TITLE SHEET

SHEET NUMBER:
T-1



1/C-1 SITE LAYOUT
Scale: 1" = 250'

GENERAL NOTES:

(1) THE APPLICANT PROPOSES TO INSTALL A WIRELESS TELECOMMUNICATION FACILITY CONSISTING OF A SMALL CELL ANTENNA AND OUTDOOR EQUIPMENT AT TWO LOCATIONS ON THE SUBJECT PARCEL. ANY INCREASE IN AMBIENT NOISE LEVELS WILL BE MINIMAL FROM THIS PROPOSED INSTALLATION.

(2) THE FACILITY SHALL BE CONTINUOUSLY MONITORED FROM A REMOTE SWITCH FACILITY AND VISITED ONLY AS REQUIRED FOR MAINTENANCE PURPOSES.

(3) THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF CT SITING COUNCIL REVIEW AND APPROVAL. THIS SET OF PLAN SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED.

(4) SITE LAYOUT FEATURES AND PROPERTY LINE INFORMATION SHOWN ARE COMPILED FROM THE FOLLOWING SOURCES AND SUBJECT TO THE FINDINGS OF COMPLETE TITLE SEARCH AND CURRENT BOUNDARY SURVEY.
- A. EXISTING "MAP PREPARED FOR LIME ROCK PARK, LLC" BY LAMB, KIEFER LAND SURVEYORS LLC, SALISBURY, CT LAST DATED 12-2-08.
- B. CURRENT TOWN OF SALISBURY TAX MAPS
- C. CURRENT ONLINE AERIAL PHOTOS.

(5) THERE SHALL BE NO CHANGE IN LOT COVERAGE AND/OR IMPROVED LOT COVERAGE AS PART OF THIS APPLICATION.

(6) NO COMMERCIAL SIGNS ARE PROPOSED AS PART OF THIS APPLICATION.

(7) VERIZON WIRELESS WILL CONNECT TO EXISTING UTILITIES ON THE PROPERTY OR NEARBY AS DETERMINED BY THE LOCAL UTILITY COMPANIES. EXISTING UNDERGROUND OR OVERHEAD UTILITIES ON THE PROPERTY WILL NOT BE AFFECTED BY THIS APPLICATION.

(8) THE PROPOSED INSTALLATION WILL NOT DISTURB THE EXISTING PROPERTY GRADING, TOPOGRAPHY OR STORMWATER SYSTEMS.

(9) VERIZON WIRELESS WILL UTILIZE THE EXISTING ACCESS AND PARKING AREAS AS PART OF THEIR FACILITY ACCESS.

(10) THE PROPOSED FACILITY IS UNMANNED AND THE PROPOSED USE IS NOT INTENDED FOR PERMANENT EMPLOYEE OCCUPANCY. AS SUCH, POTABLE WATER AND SANITARY SEWERS ARE NOT REQUIRED. NO LIGHTING IS PROPOSED.

(11) THE PROPOSED FACILITY WILL BE CONTAINED WITHIN WOOD STOCKADE FENCING AND AS SUCH, LANDSCAPING IS NOT PROPOSED.

Cellco Partnership
d/b/a Verizon Wireless

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AS	DW

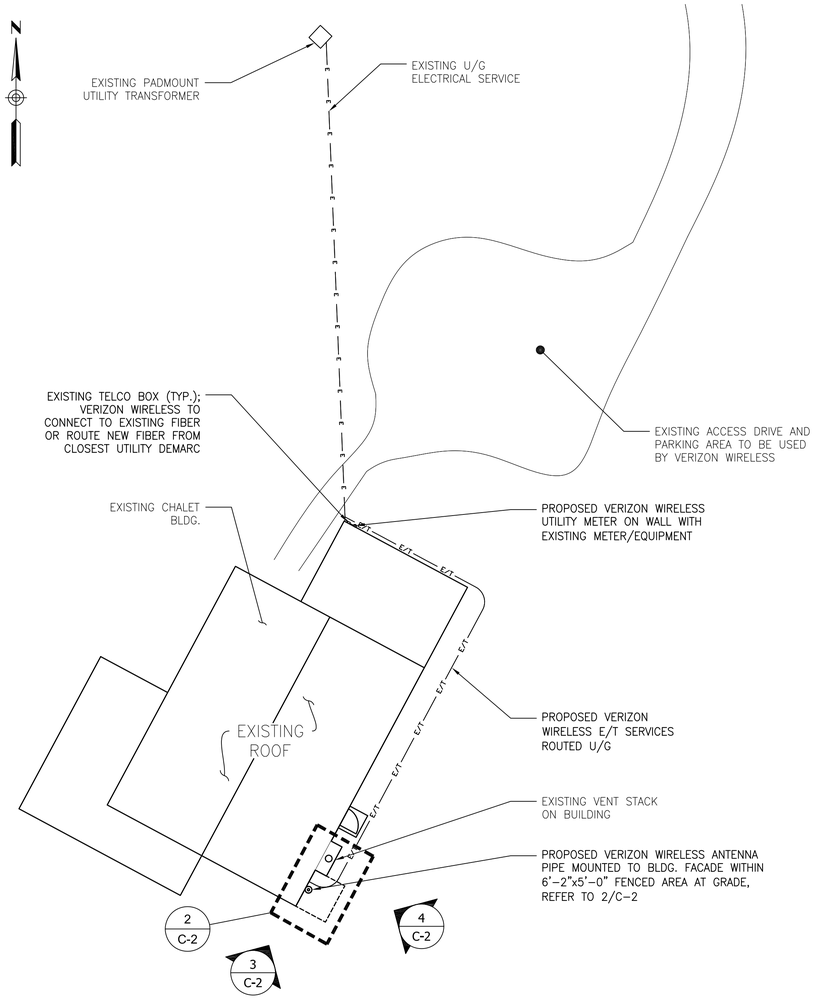
SITE NAME:
LIME ROCK PARK SC1 CT
LIME ROCK PARK SC2 CT

PROJECT DESCRIPTION:
SMALL CELL

PROJECT INFORMATION:
LIME ROCK PARK
497 LIME ROCK RD.
LAKEVILLE, CT 06039
TOWN OF SALISBURY

DRAWING TITLE:
SITE LAYOUT

SHEET NUMBER:
C-1



1 C-2 **ENLARGED SITE LAYOUT ANTENNA #1**
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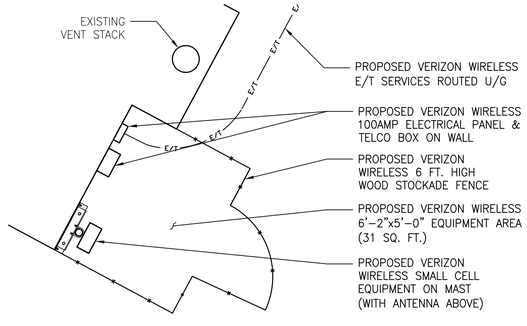
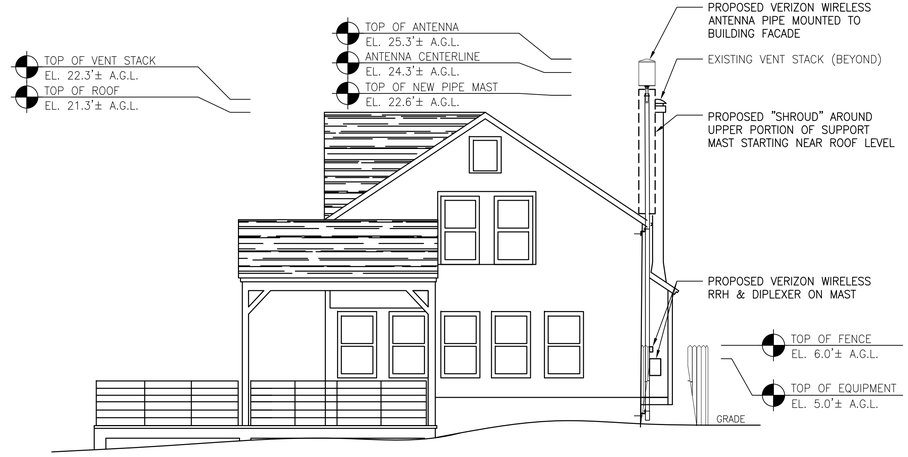
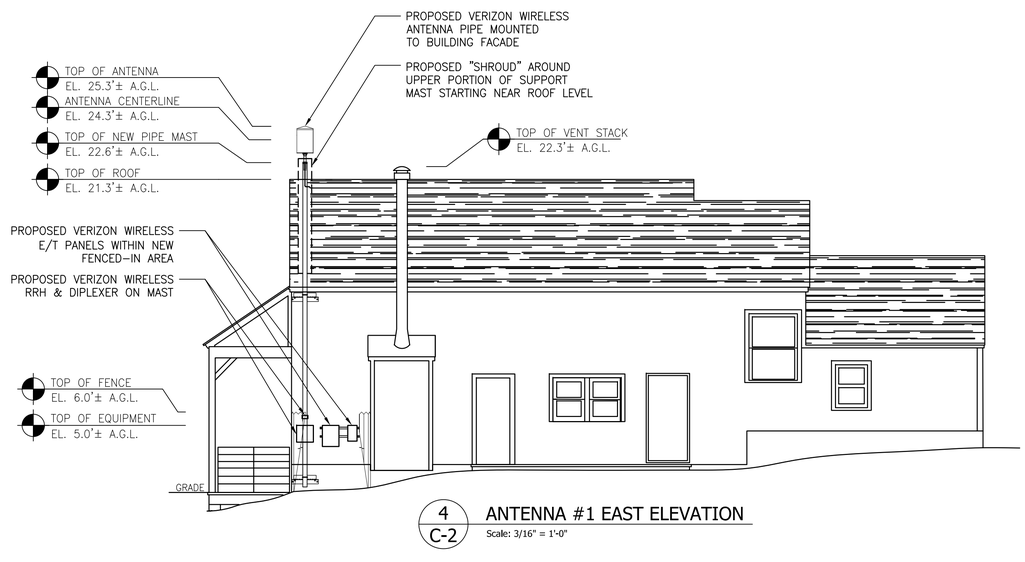


2 C-2 **EQUIPMENT PLAN**
Scale: 3/8" = 1'-0"



3 C-2 **ANTENNA #1 SOUTH ELEVATION**
Scale: 3/16" = 1'-0"



4 C-2 **ANTENNA #1 EAST ELEVATION**
Scale: 3/16" = 1'-0"

Cellco Partnership
d/b/a Verizon Wireless

verizon

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AS	DW

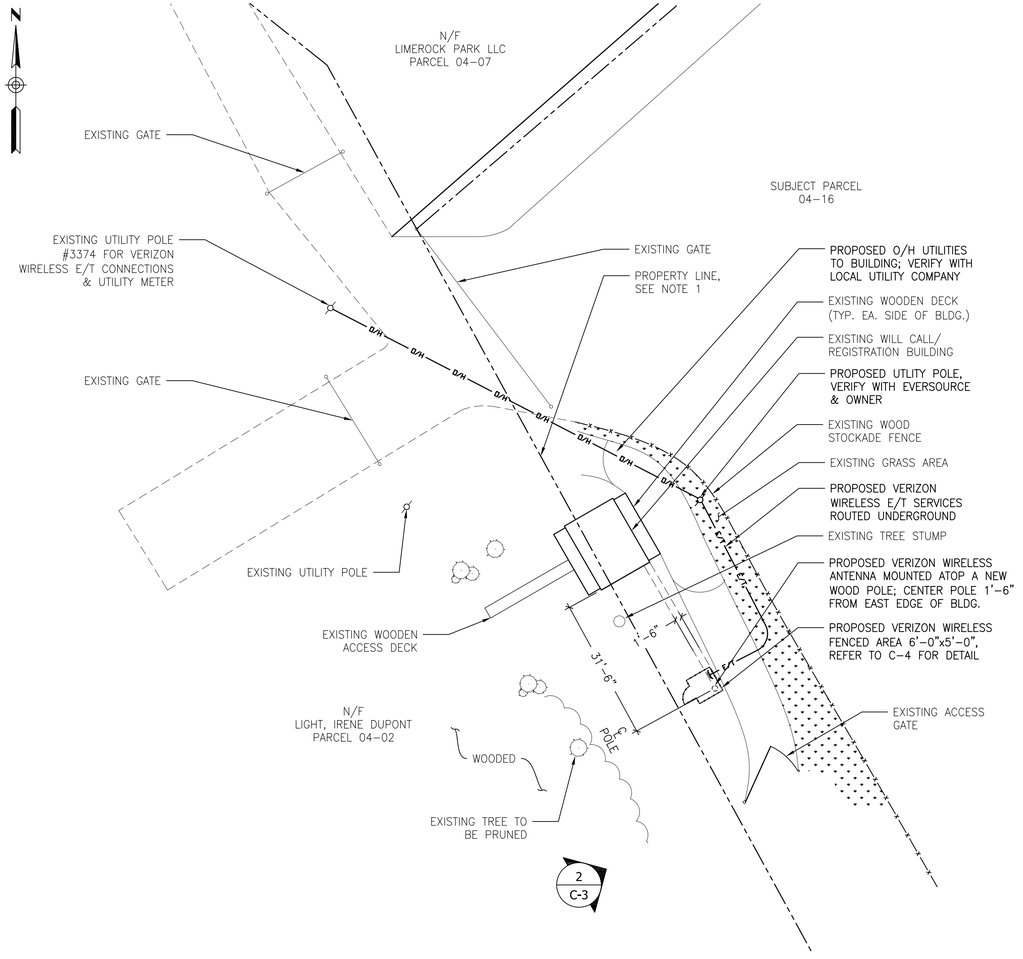
SITE NAME:
LIME ROCK PARK SC1 CT
LIME ROCK PARK SC2 CT

PROJECT DESCRIPTION:
SMALL CELL

PROJECT INFORMATION:
LIME ROCK PARK
497 LIME ROCK RD.
LAKEVILLE, CT 06039
TOWN OF SALISBURY

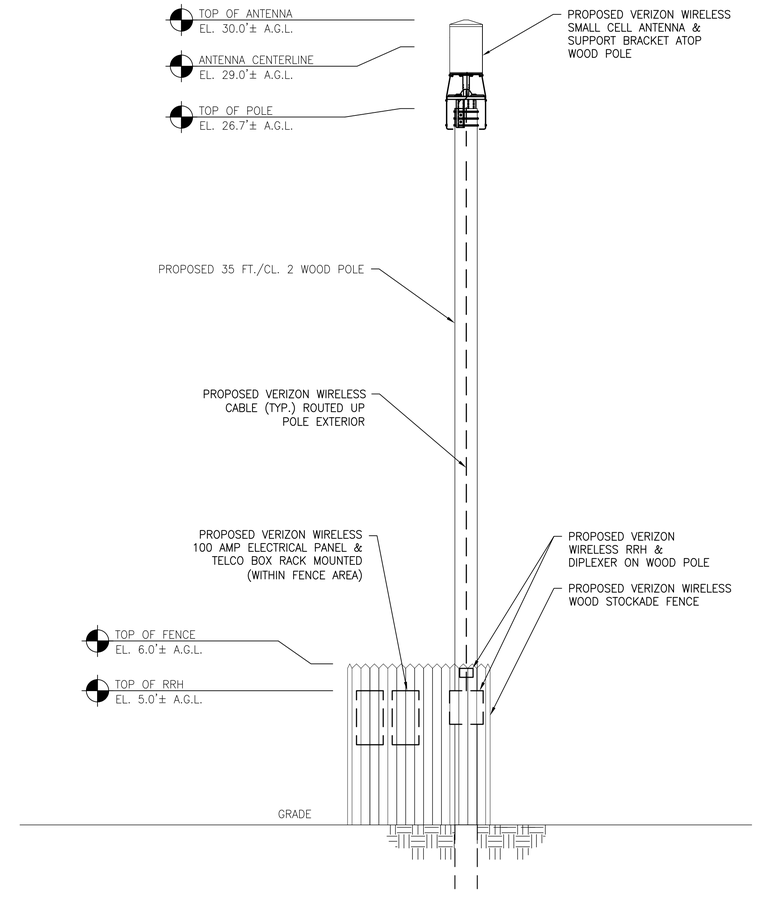
DRAWING TITLE:
ANTENNA #1
PLANS & ELEVATIONS

SHEET NUMBER:
C-2



1 C-3 ENLARGED SITE LAYOUT ANTENNA #2

Scale: 1/16" = 1'-0"



2 C-3 ANTENNA #2 ELEVATION

Scale: 3/8" = 1'-0"

NOTES:

1. PROPERTY LINE LOCATION IS TAKEN FROM AN EXISTING "MAP PREPARED FOR LIME ROCK PARK, LLC" BY LAMB, KIEFER LAND SURVEYORS LLC, SALISBURY, CT LAST DATED 12–2–08.

Cellco Partnership
d/b/a Verizon Wireless

verizon

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AS	DW

SITE NAME:
LIME ROCK PARK SC1 CT
LIME ROCK PARK SC2 CT

PROJECT DESCRIPTION:
SMALL CELL

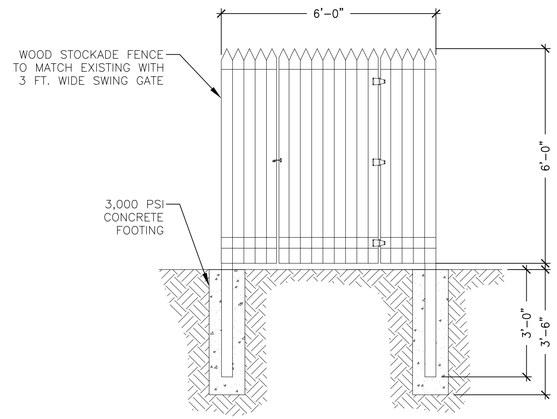
PROJECT INFORMATION:
LIME ROCK PARK
497 LIME ROCK RD.
LAKEVILLE, CT 06039
TOWN OF SALISBURY

DRAWING TITLE:
ANTENNA #2
PLAN & ELEVATION

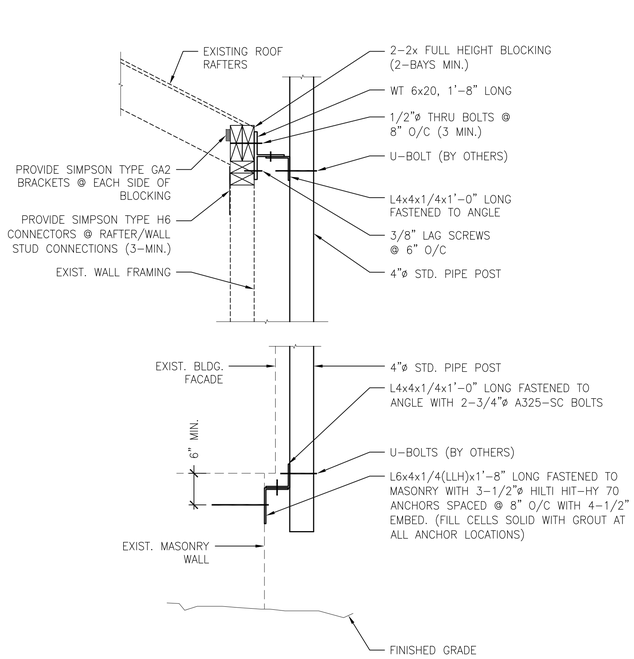
SHEET NUMBER:
C-3

AMPHENOL ANTENNA SPECIFICATIONS			
MODEL #	HEIGHT	DIAMETER	WEIGHT
4U4MT360X06Fxys0	24"	14.6"	28 LBS

1 C-4 **ANTENNA DETAIL**
Scale: 1"=1'-0"



2 C-4 **STOCKADE FENCE DETAIL**
Scale: 1/2"=1'-0"



3 C-4 **ANTENNA #1 ATTACHMENT DETAIL**
Scale: 1"=1'-0"

RRH AWS/PCS SPECIFICATIONS			
HEIGHT	WIDTH	DEPTH	WEIGHT
15"	15"	10"	97.5 LBS

4 A-4 **DUAL BAND RRH DETAIL**
Scale: N.T.S

DIPLEXER SPECIFICATIONS				
MODEL #	HEIGHT	WIDTH	DEPTH	WEIGHT
SDX1926Q-43	4.17"	6.92"	2.91"	6.6"

5 A-4 **DIPLEXER DETAIL**
Scale: N.T.S

Cellco Partnership
d/b/a Verizon Wireless

verizon

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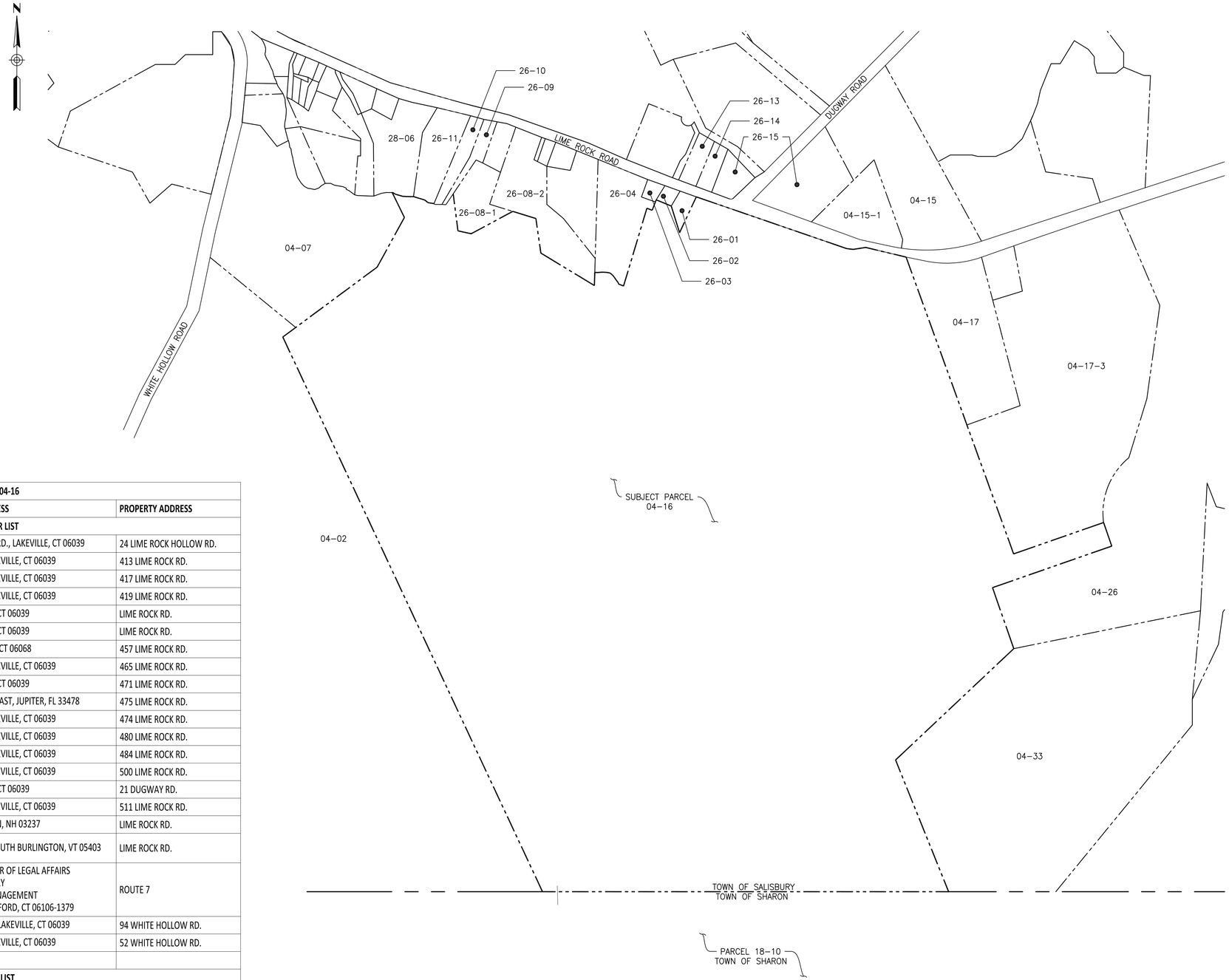
LAKEVILLE, CT 06039
TOWN OF SALISBURY

DRAWING TITLE:
DETAILS

SHEET NUMBER:
C-4



1 C-5 ABUTTERS MAP

Scale: N.T.S.

ABUTTERS LIST FROM PARCEL 04-16			
PARCEL #	**OWNER NAME**	**OWNER MAILING ADDRESS**	**PROPERTY ADDRESS**
TOWN OF SALISBURY ABUTTER LIST			
28-06	DIAMATTIA, GREG J.	24 LIME ROCK HOLLOW RD., LAKEVILLE, CT 06039	24 LIME ROCK HOLLOW RD.
26-11	NOYES, FRANK JR. & LINDA S.	413 LIME ROCK RD., LAKEVILLE, CT 06039	413 LIME ROCK RD.
26-10	FRANSON, CARL & DIANN	417 LIME ROCK RD., LAKEVILLE, CT 06039	417 LIME ROCK RD.
26-09	LEMAY, DANA R.	419 LIME ROCK RD., LAKEVILLE, CT 06039	419 LIME ROCK RD.
26-08-1	SKIP BARBER PROPERTIES LLC	PO BOX 600, LAKEVILLE, CT 06039	LIME ROCK RD.
26-08-2	SKIP BARBER PROPERTIES LLC	PO BOX 600, LAKEVILLE, CT 06039	LIME ROCK RD.
26-04	JACOBS, MARK	PO BOX 245, SALISBURY, CT 06068	457 LIME ROCK RD.
26-03	VAN DE BOGART, ROSE LINDA	465 LIME ROCK RD., LAKEVILLE, CT 06039	465 LIME ROCK RD.
26-02	EPWORTH, MARSDEN & ANTHONY	PO BOX 446, LAKEVILLE, CT 06039	471 LIME ROCK RD.
26-01	DIGIACOMO, THERESA	19016 SE OLD TRAIL DR EAST, JUPITER, FL 33478	475 LIME ROCK RD.
26-13	MEISSNER, PAUL & CONN, ELIZABETH	474 LIME ROCK RD., LAKEVILLE, CT 06039	474 LIME ROCK RD.
26-14	DEANGELIS, NICHOLAS G. & BONNIE A.	480 LIME ROCK RD., LAKEVILLE, CT 06039	480 LIME ROCK RD.
26-15	TRINITY EPISCOPAL CHURCH	484 LIME ROCK RD., LAKEVILLE, CT 06039	484 LIME ROCK RD.
04-15-1	SALVADORE, ANDREA T. & BURNS, JAMES	500 LIME ROCK RD., LAKEVILLE, CT 06039	500 LIME ROCK RD.
04-15	LAURETANO, MARK A, KATHLEEN W TRUSTEE	PO BOX 502, LAKEVILLE, CT 06039	21 DUGWAY RD.
04-17	MCCABE, SIEVERT A.	511 LIME ROCK RD., LAKEVILLE, CT 06039	511 LIME ROCK RD.
04-17-3	BERGDAHL, JOHN V. & MCNAMARA, GRACE	PO BOX 481, GILMANTON, NH 03237	LIME ROCK RD.
04-26	BELFER, JOHN H JR. & JAMES & THOMAS & BETTER, STEPHEN & TOREY, ANNE	2 COUNTRY CLUB RD., SOUTH BURLINGTON, VT 05403	LIME ROCK RD.
04-33	STATE OF CONNECTICUT	GARETH D. BYE, DIRECTOR OF LEGAL AFFAIRS OFFICE OF THE SECRETARY OFFICE OF POLICY & MANAGEMENT 450 CAPITOL AVE., HARTFORD, CT 06106-1379	ROUTE 7
04-02	LIGHT, IRENE DUPONT	94 WHITE HOLLOW RD., LAKEVILLE, CT 06039	94 WHITE HOLLOW RD.
04-07	LIME ROCK PARK LLC	497 LIME ROCK RD., LAKEVILLE, CT 06039	52 WHITE HOLLOW RD.
TOWN OF SHARON ABUTTER LIST			
18-10	STATE OF CONNECTICUT (VACANT LAND)	GARETH D. BYE, DIRECTOR OF LEGAL AFFAIRS OFFICE OF THE SECRETARY OFFICE OF POLICY & MANAGEMENT 450 CAPITOL AVE., HARTFORD, CT 06106-1379	W CORNWALL RD., SHARON, CT

NOTES TO ABUTTERS MAP & OWNERS LIST:

1. ABUTTERS MAP IS COMPILED FROM THE TOWN OF SALISBURY ASSESSOR MAPS AVAILABLE ONLINE, JULY 2017.
2. OWNER INFORMATION OBTAINED FROM TOWN OF SALISBURY ASSESSOR OFFICE ON JULY 22, 2017 AND REVISED PER ATTORNEY COMMENTS, SEPT. 2017.

Cellco Partnership
d/b/a Verizon Wireless

verizon

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

DAVID WEINPAHL, P.E.
CT LIC. NO. 22144

NO.:	DATE:	SUBMISSIONS
0	09.05.17	REVIEW
1	10.06.17	REVISED PER CLIENT COMMENTS
2	07.30.20	REVISED PER NEW RFDS

DRAWN BY:	CHECKED BY:
AS	DW

SITE NAME:
LIME ROCK PARK SC1 CT
LIME ROCK PARK SC2 CT

PROJECT DESCRIPTION:
SMALL CELL

PROJECT INFORMATION:
LIME ROCK PARK
497 LIME ROCK RD.
LAKEVILLE, CT 06039
TOWN OF SALISBURY

DRAWING TITLE:
ABUTTERS MAP &
PROPERTY OWNER LIST

SHEET NUMBER:
C-5

ATTACHMENT 3

Site Name: LIME ROCK PARK SC 1 CT
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
5G 28GHz	28000	0	0	0	24.3	0.0000	1.0	0.00%
VZW CBRS	3600	0	0	0	24.3	0.0000	1.0	0.00%
VZW PCS	1970	1	510	510	24.3	0.3106	1.0	31.06%
VZW Cellular LTE	869	0	0	0	24.3	0.0000	0.579333333	0.00%
VZW Cellular	869	0	0	0	24.3	0.0000	0.579333333	0.00%
VZW AWS	2145	1	510.00	510	24.3	0.3106	1.0	31.06%
VZW 700	746	0	0	0	24.3	0.0000	0.497333333	0.00%

Total Percentage of Maximum Permissible Exposure 62.12%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:
1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.

Site Name: LIME ROCK PARK SC 2 CT
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
5G 28GHz	28000	0	0	0	29	0.0000	1.0	0.00%
VZW CBRS	3600	0	0	0	29	0.0000	1.0	0.00%
VZW PCS	1970	1	510	510	29	0.2181	1.0	21.81%
VZW Cellular LTE	869	0	0	0	29	0.0000	0.579333333	0.00%
VZW Cellular	869	0	0	0	29	0.0000	0.579333333	0.00%
VZW AWS	2145	1	510.00	510	29	0.2181	1.0	21.81%
VZW 700	746	0	0	0	29	0.0000	0.497333333	0.00%

Total Percentage of Maximum Permissible Exposure 43.62%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:
1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.