

July 11, 2024

Via Electronic and U.S. Mail

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

Re: **Notice of Exempt Modification
The Dream Ride – Hometown Foundation – Temporary Telecommunications
Facility – 152 Town Farm Road, Farmington, Connecticut**

Dear Attorney Bachman:

Pursuant to R.C.S.A. Section 16-50j-72(d), this letter will serve as notice that Cellco Partnership d/b/a Verizon Wireless (“Cellco”) intends to install a temporary wireless facility (a/k/a “Cell on Wheels” or “COW”) for use during the Dream Ride Event scheduled for August 23-25, 2024 in Farmington, Connecticut. Cellco would activate the COW immediately prior to the event and remove the COW on August 26, 2024.

Cellco intends to install the COW in a fenced area at the Farmington Polo Grounds at 152 Town Farm Road, Farmington, Connecticut (the “Property”). Included in [Attachment 1](#) is a letter of authorization from the Hometown Foundation, Inc. In accordance with R.C.S.A. Section 16-50j-73, a copy of this filing has been sent to Town Manager, Kathleen Blonski and Shannon Rutherford, P.E., the Town Planner. A copy of this letter will be sent to the owner of the Property.

The COW that Cellco intends to install at the Property is a trailer-mounted wireless facility with a retractable mast extending to a height of 18’-6” above ground level (“AGL”). Cellco will install one (1) cannister antenna, at the top of the mast, at a centerline height of 20’ AGL. Included in [Attachment 2](#) is a Lease Exhibit showing the proposed COW location and antenna details.

30009972-v1

Melanie A. Bachman, Esq.
July 11, 2024
Page 2

The proposed temporary telecommunications facility satisfies the criteria set forth in R.C.S.A. Section 16-50j-72(d), as a facility that will provide temporary wireless service for an event of State-wide significance. The COW will provide additional network capacity to accommodate increased wireless services needed during the event.

The operation of the COW will not result in a total radio frequency (RF) emissions level that exceed the Federal Communications Commission (FCC) safety standard. Included in Attachment 3 are Far Field Approximation Tables for the frequencies Cellco intends to deploy at this temporary facility. These tables demonstrate that the temporary facility will operate well within the FCC standard.

Finally, in Attachment 4 is a copy of the City Assessor's parcel map and owner information for the Property. A Certificate of Mailing verifying that this filing was sent to municipal officials and the Property owner is included in Attachment 5.

Based on the foregoing, Cellco respectfully requests acknowledgement of this notice for the installation of a temporary wireless facility at the Property. Please feel free to contact me if you have any questions or need any additional information.

Sincerely,



Kenneth C. Baldwin

Attachments

Copy to:

Kathleen Blonski, Town Manager
Shannon Rutherford, P.E., Town Planner
Daniel Fitzpatrick, Verizon Wireless
Town Farm Development LLC, Property Owner
Carlos Landrau IV, Hometown Foundation, Inc.

ATTACHMENT 1

HOMETOWN FOUNDATION, INC.
275 Schoolhouse Road
Cheshire, CT 06410

**RE: Evidence of Agreement and Landowner's Consent to File for
Permits/Approvals to be Granted to Cellco Partnership d/b/a Verizon
Wireless**

To Whom It May Concern:

Hometown Foundation, Inc. is the lessee of certain real property located in the Town of Farmington at 152 Town Farm Road and identified as Map/Block 028/10 on the tax map of the Town of Farmington ("Subject Property").

Please be advised that Hometown Foundation, Inc. has entered into an agreement with Cellco Partnership d/b/a Verizon Wireless ("Applicant") to install a temporary wireless communications facility on a portion of the Subject Property, and permission is hereby granted to Applicant to make application for Building, Zoning, Planning, or any other Land Use or Regulatory Permit(s) required to effectuate the installation of said wireless facility.

The Applicant, or its agent, is hereby authorized to execute the required application(s) regarding this matter. Permission is also hereby granted for public officials and Board, Commission or Council members, as required, to enter upon the Subject Property for the limited purpose of inspecting the specific site and access that are the subject of Applicant's proposed installation.

Sincerely,

HOMETOWN FOUNDATION, INC.

By: Carlos Landrau IV
Name: Carlos Landrau IV
Title: Director of Security & Surveillance
Date: 07-01-2024

Carlos
Landrau IV

Digitally signed by
Carlos Landrau IV
Date: 2024.07.01
06:27:59 -04'00'

ATTACHMENT 2

PREPARED BY:



THIS DOCUMENT IS THE DESIGN PROPERTY AND COPYRIGHT OF MASTEC AND FOR THE EXCLUSIVE USE BY THE TITLE CLIENT. REPRODUCTION OR DISTRIBUTION WITHOUT THE WRITTEN CONSENT OF THE CREATOR IS STRICTLY PROHIBITED.
DRAWING SCALES ARE INTENDED FOR PRINTING AND NOT FOR ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

REV	DATE	DESCRIPTION	BY
0	07/08/24	FOR REVIEW	AA
1	08/19/24	REVISED PER COMMENTS	AA
2	07/08/24	REVISED PER COMMENTS	AA

SITE INFO:

SITE NAME:
FARMINGTON_SPOT_CT_2024

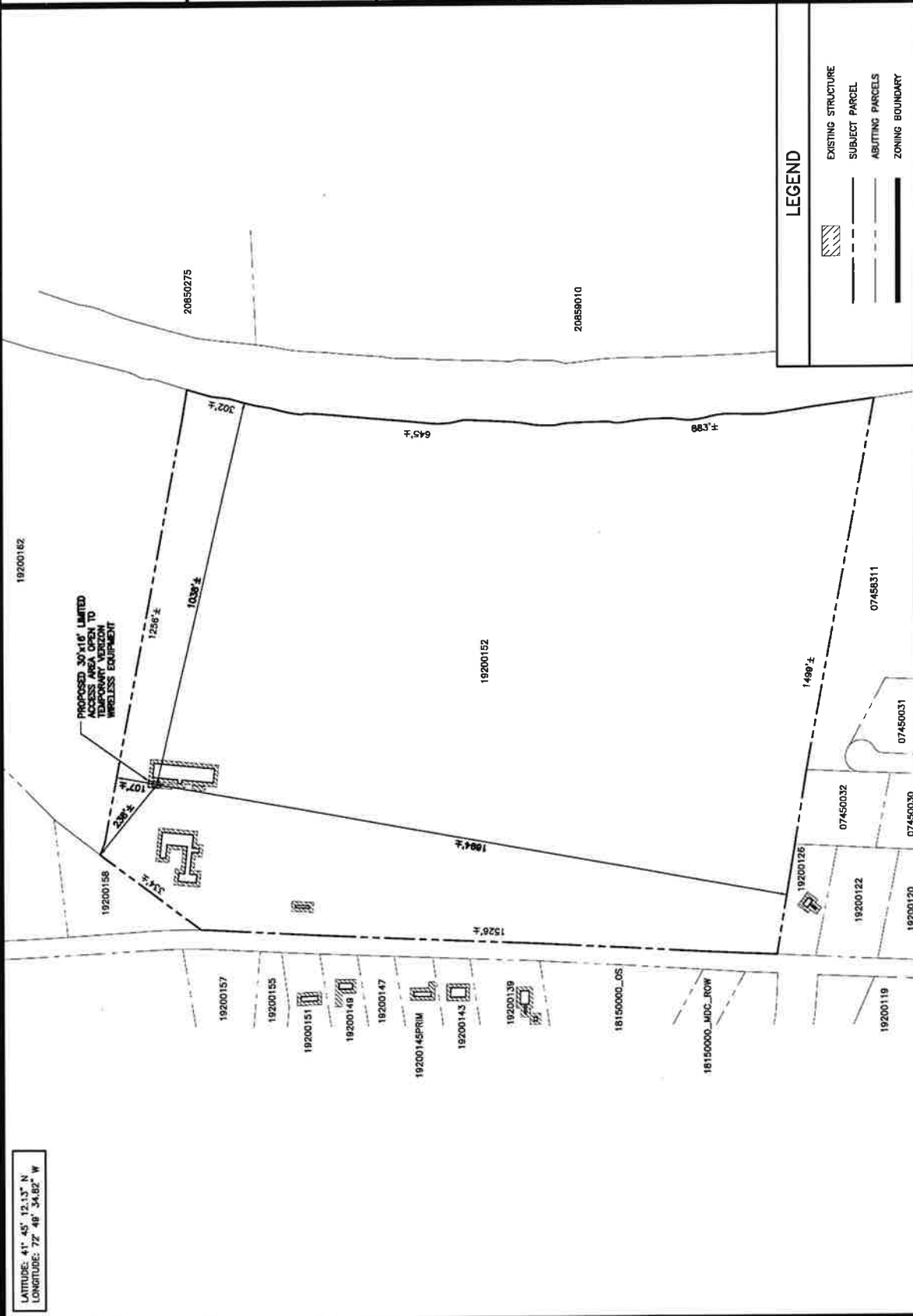
SITE ADDRESS:
152 TOWN FARM ROAD
HARTFORD, CT 06032

CHECKED BY:
KB

DATE:
07/08/24

PLUZE NUMBER:
17264163

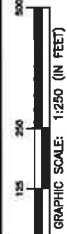
SHEET NUMBER:
LE-1



LATITUDE: 41° 45' 12.13" N
LONGITUDE: 72° 48' 34.82" W

LEGEND

- EXISTING STRUCTURE
- SUBJECT PARCEL
- ABUTTING PARCELS
- ZONING BOUNDARY



1 OVERALL SITE PLAN
SCALE: 1:250



APPROX. NORTH

PREPARED BY:



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SUBMITTALS		
REV	DATE	DESCRIPTION
0	07/06/24	FOR REVIEW
1	08/19/24	REVISED PER COMMENTS
2	07/09/24	REVISED PER COMMENTS

SITE INFO:

SITE NAME:
FARMINGTON_SPOT_CT_2024

SITE ADDRESS:
**152 TOWN FARM ROAD
HARTFORD, CT 06032**

CHECKED BY:
KD

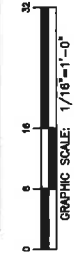
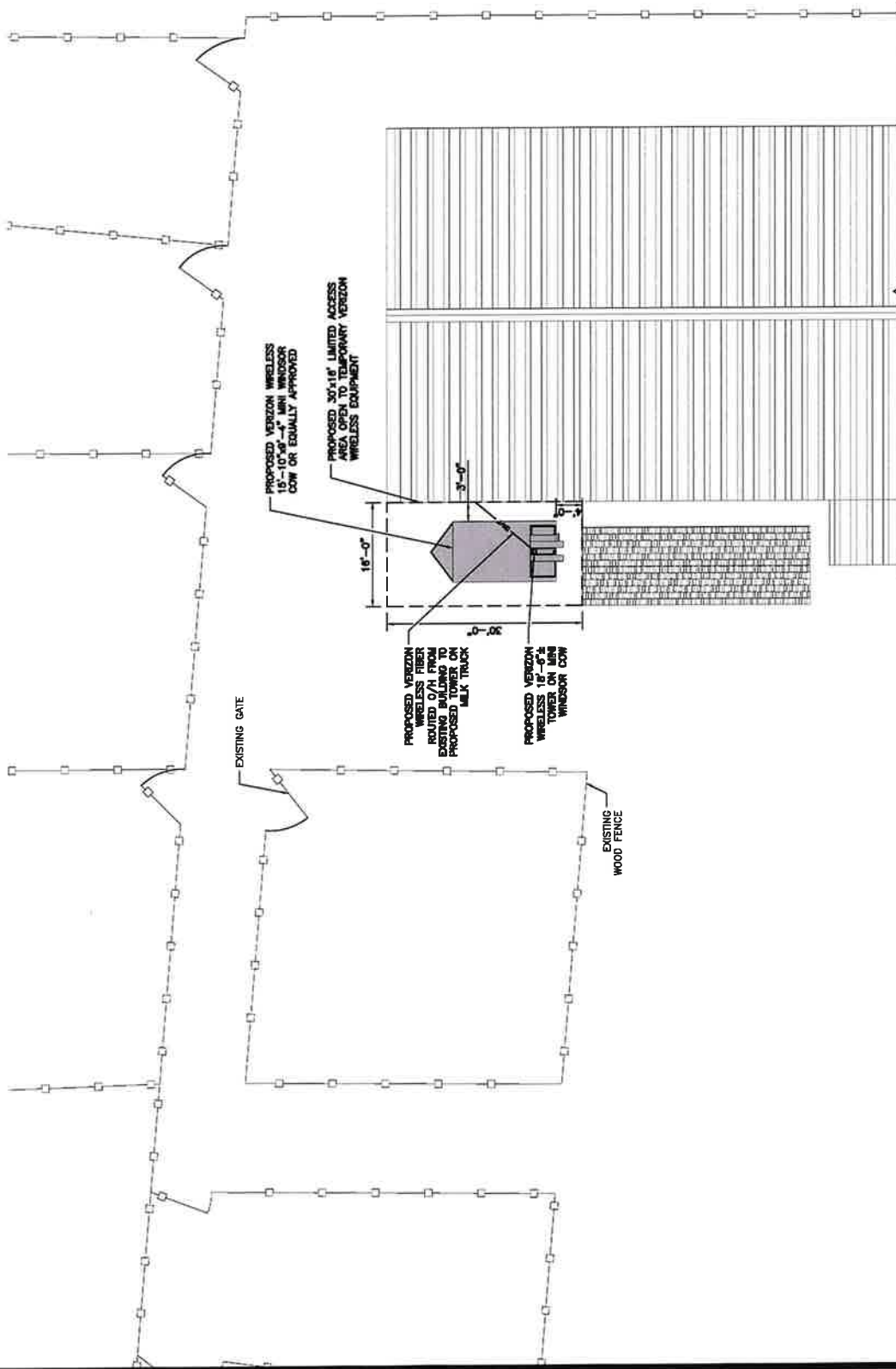
DATE:
07/06/24

PLUZE NUMBER:
17264163

SHEET NUMBER:

LE-1

LATITUDE: 41° 45' 12.13" N
LONGITUDE: 72° 48' 34.02" W



1 SITE PLAN
SCALE: 1/16" = 1'-0"

⊕ APPROX. NORTH

PREPARED BY:



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DRAWING SCALES ARE INTENDED FOR 11 X17 SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED MEDIA ARE DEEMED "NOT TO SCALE".

REV	DATE	DESCRIPTION	BY
0	07/06/24	FOR REVIEW	AM
1	08/16/24	REVISED PER COMMENTS	AM
1	07/09/24	REVISED PER COMMENTS	AM

SITE INFO:

SITE NAME:
FARMINGTON_SPOT_CT_2024

SITE ADDRESS:
152 TOWN FARM ROAD
HARTFORD, CT 06032

CHECKED BY: **NS** DATE: **07/06/24**

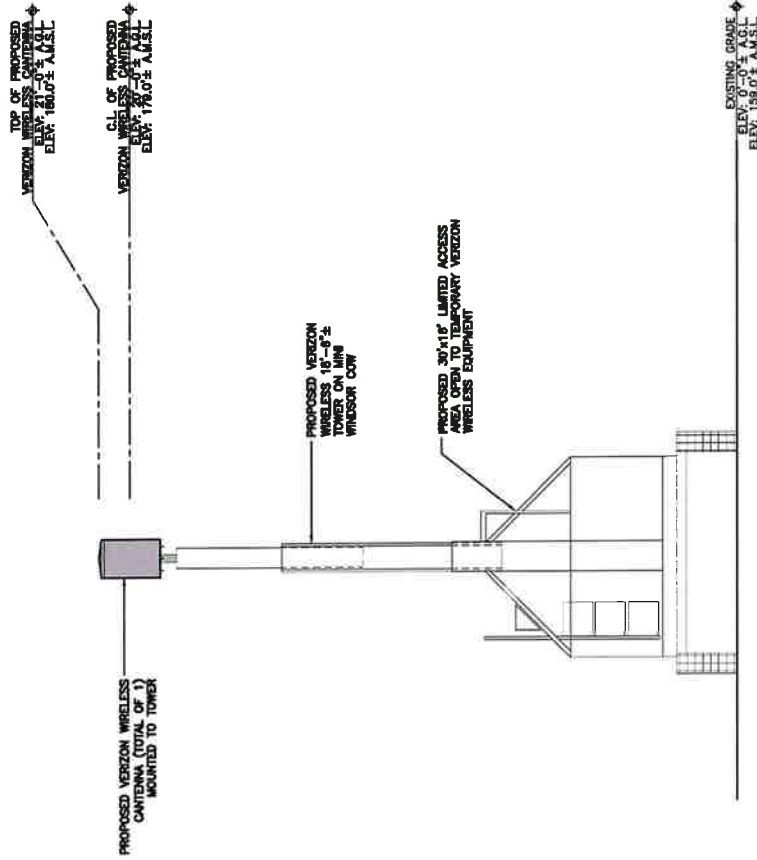
POZE NUMBER:
17264163

SHEET NUMBER:

LE-2

LATITUDE: 41° 45' 12.15" N
LONGITUDE: 72° 48' 34.82" W

NOTE:
VERIZON EQUIPMENT TO BE PLACED WITHIN AREA RESTRICTED TO AUTHORIZED PERSONNEL WITH NO GENERAL OR NON-AUTHORIZED TRAFFIC ALLOWED
PROPOSED 30'x18' LIMITED ACCESS AREA OPEN TO TEMPORARY VERIZON WIRELESS EQUIPMENT
AS SHOWN ON SHEET LE-1



CYL-X7CAP-2

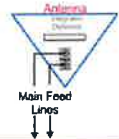
Small Cell Antenna, 698-896/1695-2180MHz, 2FT

- X-Pol Small Cell
- Internally Diplexed option
- Suitable for Pole or Building mount
- Broadband Radiators (AWS-3)
- Internal Beam combining
- Integrated Global Position System (GPS) option



Integrated Diplexers

Requires half the number of feeder cables



ELECTRICAL SPECIFICATIONS

Frequency Band, MHz	698-896	1695-2180
Polarization	+/-45°	+/-45°
Electrical Down Tilt	0°	0°
VSWR/Return Loss, dB, Maximum (Non-Diplexed)	1.5:1/14.0	1.5:1/14.0
VSWR/Return Loss, dB, Maximum (Diplexed)	1.5:1/14.0	1.5:1/14.0
Isolation Between Ports, dB, Minimum	24	28
Intermodulation (2x20w), IM3, dBc, Maximum	-153	-153
Impedance, ohms	50	50
Maximum Power Per Connector, CW (w)	250	125

MECHANICAL SPECIFICATIONS

Dimensions, Height/Diameter	24.2/15.1 in (615/384 mm)
Antenna RF Connector Type	7/16 DIN Female
Antenna RF Connector Torque	DIN 220-265 lbf-in (23-30 N-m)
GPS Connector Type	Mini DIN Female (4.1-9.5 per IEC 61169-4)
GPS Connector Torque	Mini-DIN 88.5 lbf-in (10 Nm)
Connector Location	Bottom
Radome Material	PVC
Wind Survival	150 mph (241 km/h)
Front Wind Load	45.9 lbf (204.18N) @100mph
Equivalent Flat Plate	0.91 sq-ft (c=2) @ 100mph

ELECTRICAL SPECIFICATIONS (based on antenna configuration)

Antenna Model	No. of beams	698-824		824-896		1695-1880		1850-1990		1920-2180	
		H-Beam V-Beam	Gain (dBi)	H-Beam V-Beam	Gain (dBi)	H-Beam V-Beam	Gain (dBi)	H-Beam V-Beam	Gain (dBi)	H-Beam V-Beam	Gain (dBi)
CYL-X7CAP-2-C	1	*360° 33°	6.4	*360° 32°	6.8	*360° 17°	8.6	*360° 16°	8.8	*360° 15°	9.0
CYL-X7CAP-2-H	1	*240° 33°	7.3	*240° 32°	7.9	*240° 17°	10.8	*240° 16°	10.9	*240° 15°	11.3
CYL-X7CAP-2-P	1	*180° 33°	7.5	*180° 32°	8.0	*180° 17°	10.8	*180° 16°	10.9	*180° 15°	11.3
CYL-X7CAP-2-T	3	69° 33°	10.1	63° 32°	10.5	68° 17°	13.1	64° 16°	13.5	62° 15°	13.9
CYL-X7CAP-2-B	2	69° 33°	10.1	63° 32°	10.5	68° 17°	13.1	64° 16°	13.5	62° 15°	13.9

* Beam Width represented for functional purposes only. See pattern diagram for beam shape*

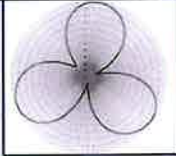
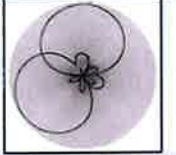



MECHANICAL SPECIFICATIONS (based on antenna configuration)

ANTENNA MODEL	BEAM CONFIGURATION	Connector Types		ANTENNA WEIGHT	
		7/16 DIN	Mini-DIN (GPS)	ANTENNA	Antenna w GPS Option
CYL-X7CAP-2-C	Omni Clover	2	1	23.0 lbs (10.4 kg)	24.0 lbs (10.9 kg)
CYL-X7CAP-2-H	Omni Heart	2	1	21.5 lbs (9.6 kg)	22.5 lbs (10.2 kg)
CYL-X7CAP-2-P	Omni Peanut	2	1	20.5 lbs (9.3 kg)	21.5 lbs (9.8 kg)
CYL-X7CAP-2-T	Tri-Sector	6	1	24.7 lbs (11.2 kg)	25.7 lbs (11.7 kg)
CYL-X7CAP-2-B	Bi-Sector	4	1	22.3 lbs (10.1 kg)	23.3 lbs (10.6 kg)

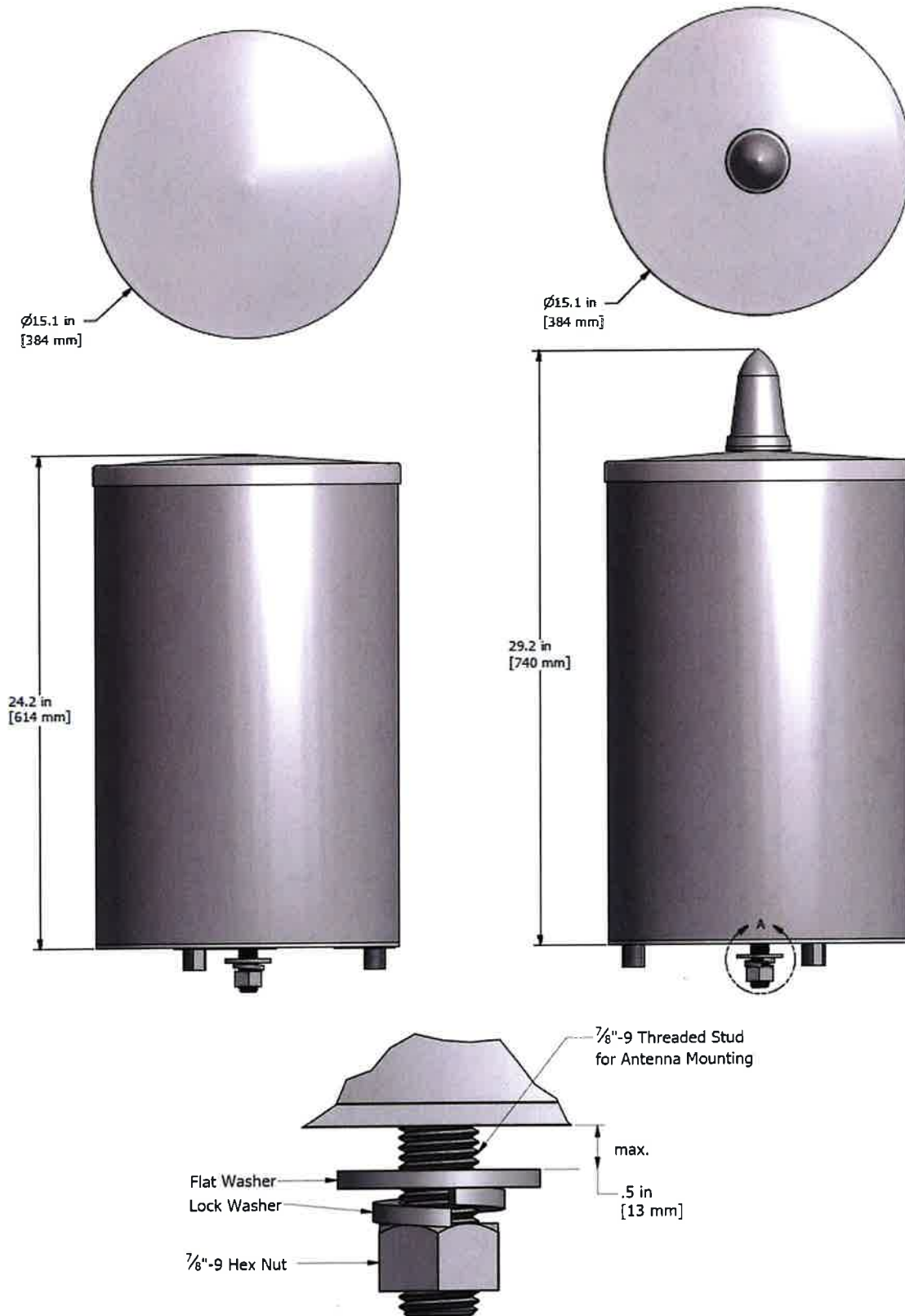
GPS SPECIFICATIONS

Frequency	Amplifier Gain	VSWR	Max Noise	Voltage Range	Current @ 5V	Filtering	Out of band rejection	Lightening protection
1575.42Mhz ±1.2Mhz	26.5dB ± 3dB	<2.0:1	4.5dB @ 25°C	3.3 - 12V regulated	40mA	4 stages including pre-selector	65dB @ 1559Mhz 65dB @ 1625Mhz	EN61000-4-5 Level 4

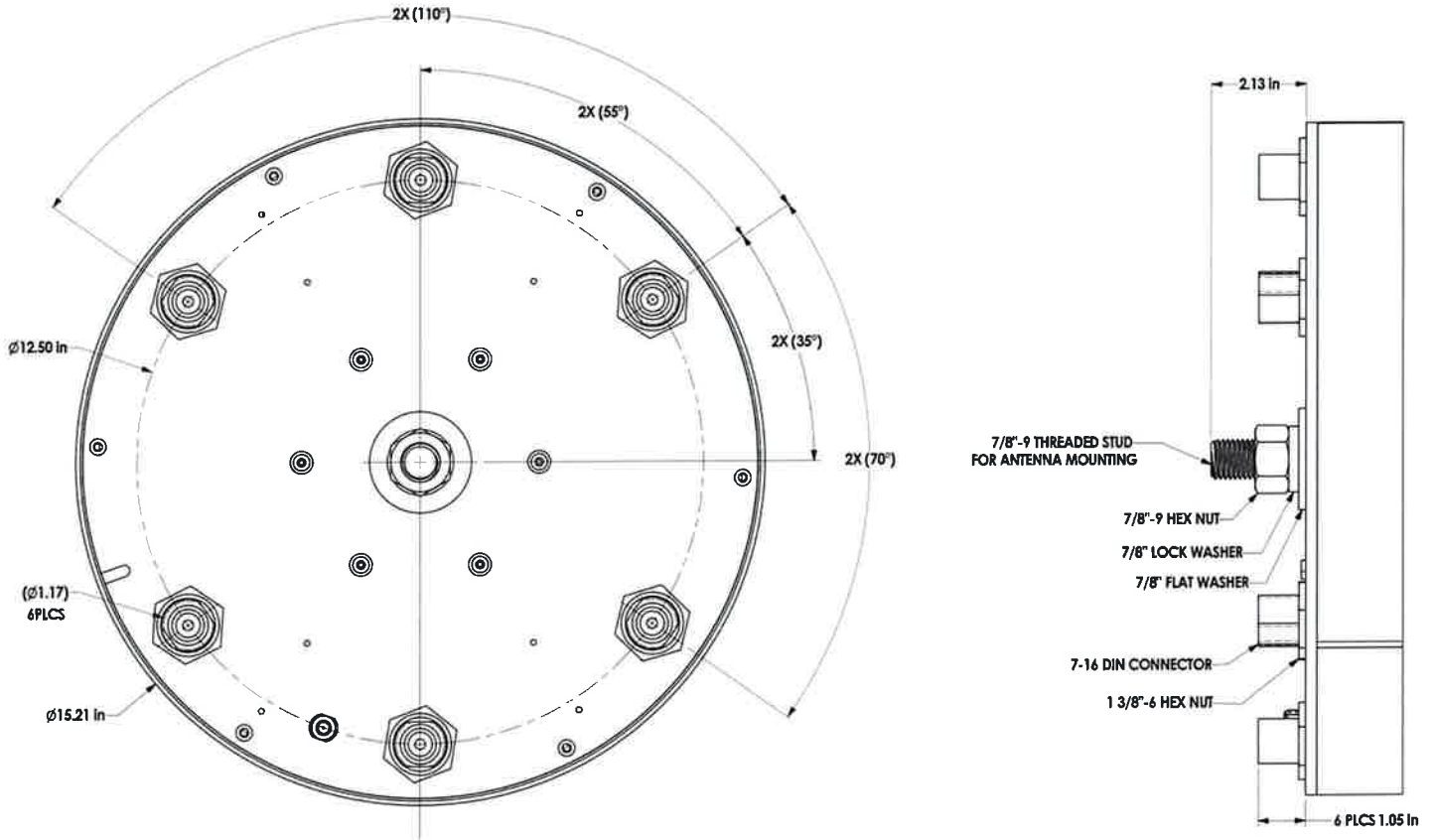
ORDER INFORMATION

Models	Description
CYL-X7CAP-2-C	 OMNI CLOVER
CYL-X7CAP-2-C	Cantenna with 2 DIN connectors Clover Omni pattern with integrated Diplexer
CYL-X7CAP-2-C-G	Cantenna with 2 DIN connectors Clover Omni pattern w integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-C-ND	Cantenna with 4 DIN connectors Clover Omni pattern W/O integrated Diplexer
CYL-X7CAP-2-C-ND-G	Cantenna with 4 DIN connectors Clover Omni pattern W/O integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-H	 OMNI HEART
CYL-X7CAP-2-H	Cantenna with 2 DIN connectors Heart Omni pattern with integrated Diplexer
CYL-X7CAP-2-H-G	Cantenna with 2 DIN connectors Heart Omni pattern w integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-H-ND	Cantenna with 4 DIN connectors Heart Omni pattern W/O integrated Diplexer
CYL-X7CAP-2-H-ND-G	Cantenna with 4 DIN connectors Heart Omni pattern W/O integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-P	 OMNI PEANUT
CYL-X7CAP-2-P	Cantenna with 2 DIN connectors Peanut Omni pattern with integrated Diplexer
CYL-X7CAP-2-P-G	Cantenna with 2 DIN connectors Peanut Omni pattern w integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-P-ND	Cantenna with 4 DIN connectors Peanut Omni pattern W/O integrated Diplexer
CYL-X7CAP-2-P-ND-G	Cantenna with 4 DIN connectors Peanut Omni pattern W/O integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-T	 THREE SECTORS
CYL-X7CAP-2-T	Cantenna with 6 DIN connectors (3) 65° sectors with integrated Diplexer
CYL-X7CAP-2-T-G	Cantenna with 6 DIN connectors (3) 65° sectors with integrated Diplexer & GPS with 1 mini-DIN
CYL-X7CAP-2-B	 TWO SECTORS
CYL-X7CAP-2-B	Cantenna with 4 DIN connectors (2) 65° sectors with integrated Diplexer
CYL-X7CAP-2-B-G	Cantenna with 4 DIN connectors (2) 65° sectors with integrated Diplexer & GPS with 1 mini-DIN

Mechanical Outline Drawing



Mechanical Outline Drawing



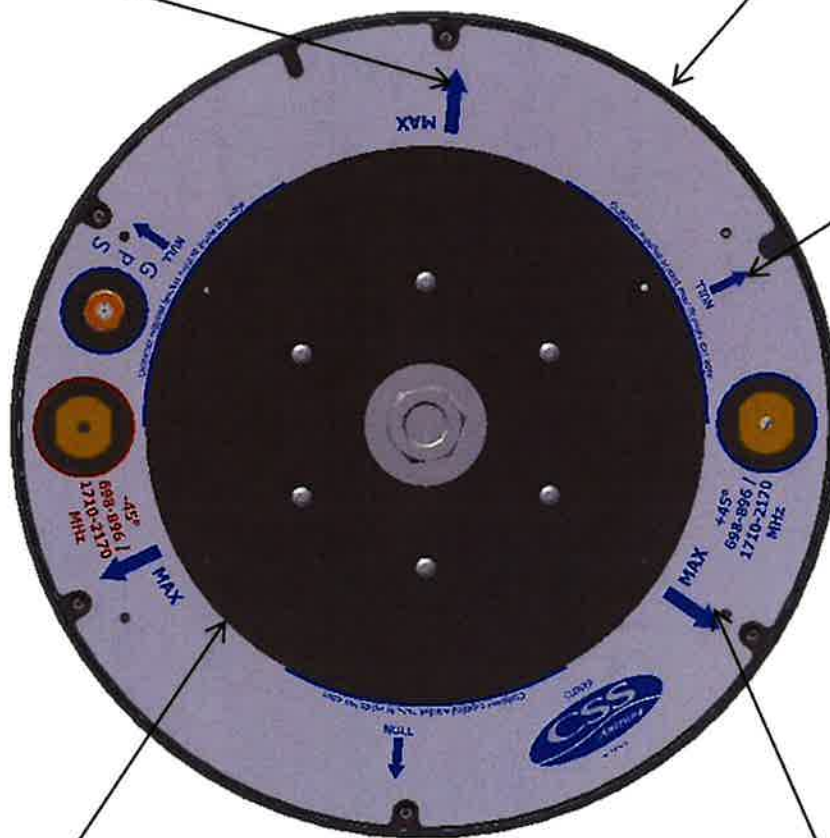
Mechanical Outline Drawing

***Shown below is the bottom view of the Omni Clover option. Connector location and count may vary depending on antenna option. Refer to page 2 for more details.**

Max Labels point to the direction of maximum signal strength

15.1" [384 mm] dia

Null Labels point to the direction of minimum signal strength

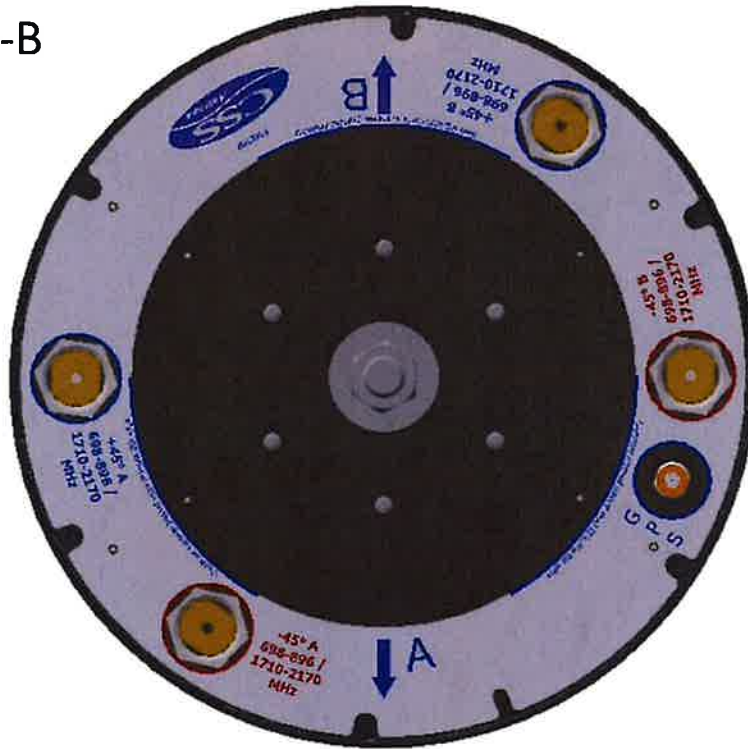


Mounting brackets must stay inside 10" [254 mm] circle

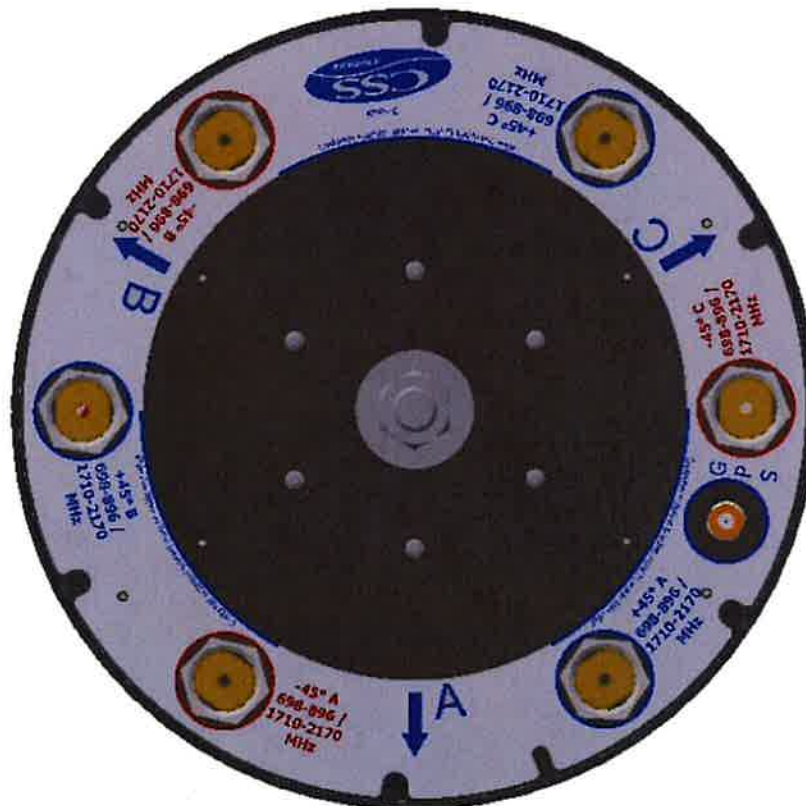
**Drain Holes (multiple places)
(Avoid any obstructions to drain holes)**

Mechanical Outline Drawing

CYL-X7CAP-2-B
(2 Sector)

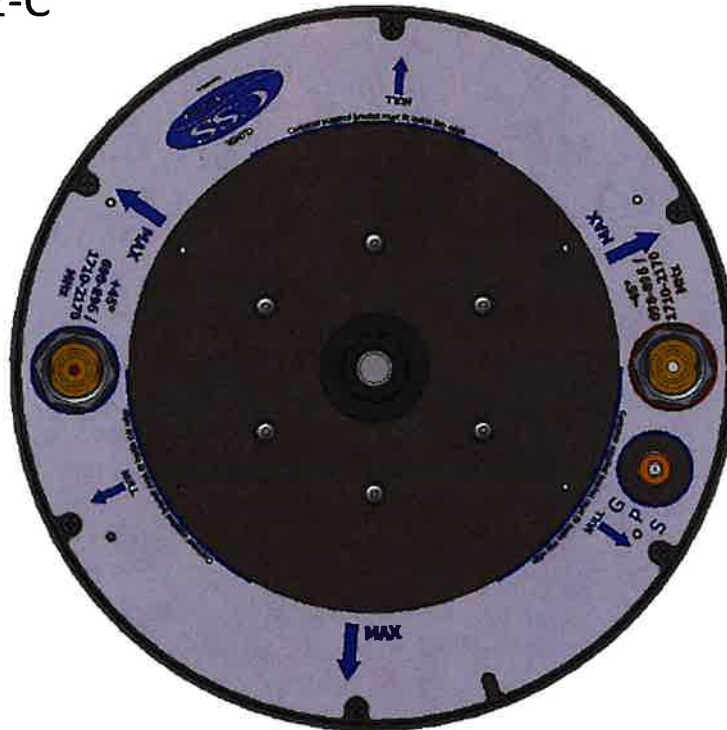


CYL-X7CAP-2-T
(3 Sector)

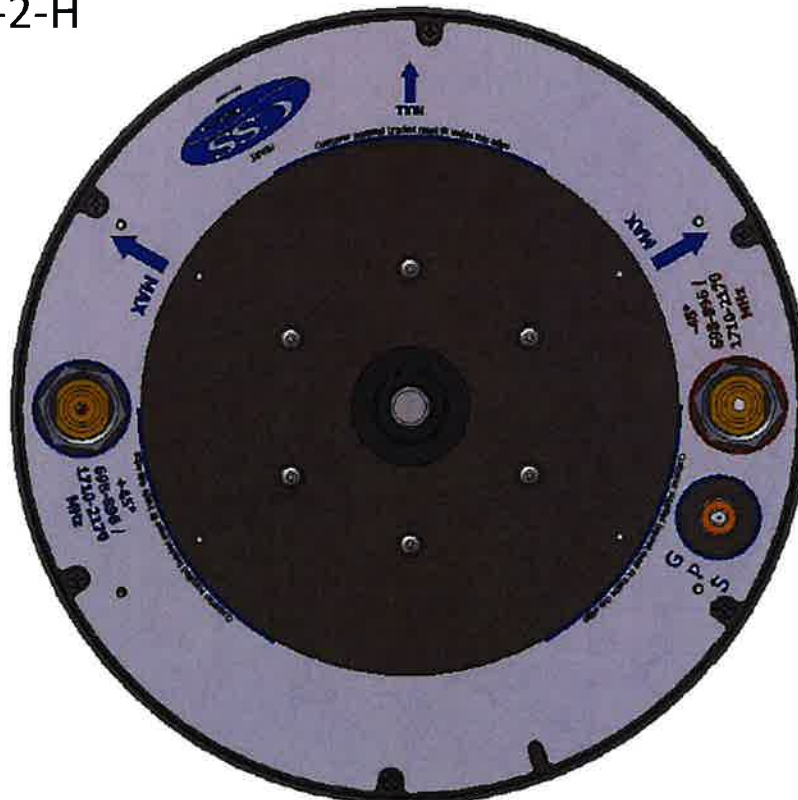


Mechanical Outline Drawing

CYL-X7CAP-2-C
(Clover)

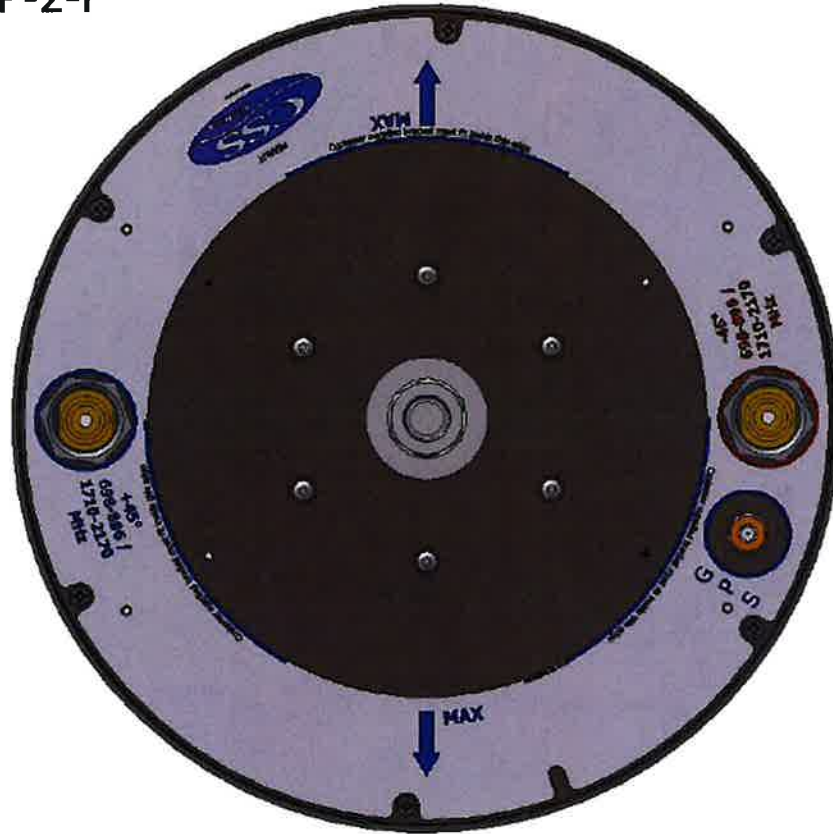


CYL-X7CAP-2-H
(Heart)



Mechanical Outline Drawing

**CYL-X7CAP-2-P
(Peanut)**



ATTACHMENT 3

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.1310 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

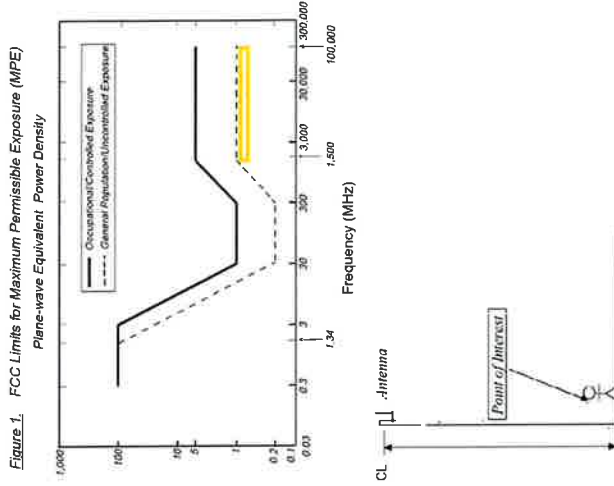
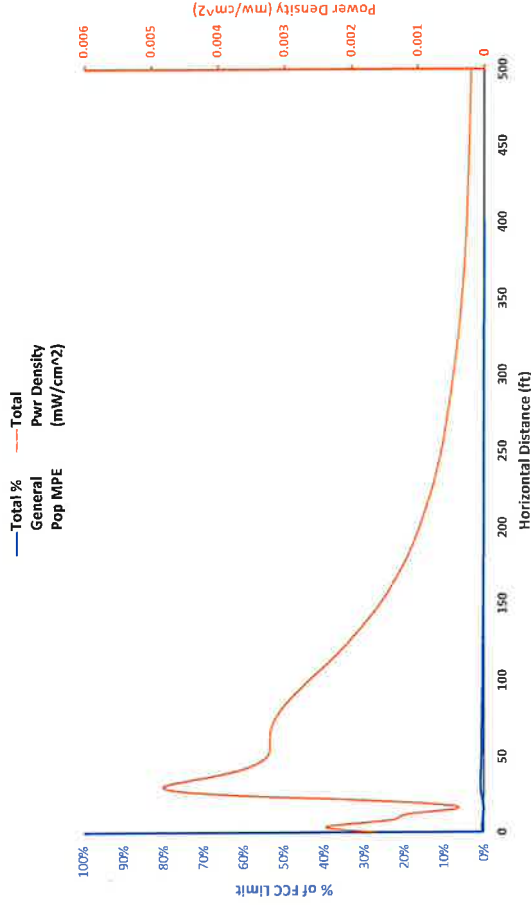
MHz = Megahertz
 mW/cm² = milliwatts per square centimeter
 ERP = Effective Radiated Power

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;
3. calculation takes into account a point of interest of 2m or 6.56ft

Location	FARMINGTON CT SPOT
Date	7/18/2024
Band	AWS 700
Operating Frequency (MHz)	2,145 746
General Population MPE (mW/cm ²)	1 0.49733333
ERP Per Transmitter (Watts)	20 10
Number of Transmitters	4 4
Antenna Centerline (CL) (feet)	20 20
Total ERP (Watts)	80 40
Total ERP (dBm)	49 46
Maximum Allowed (dBm)	46

RF Exposure 6.56ft Above Ground Level Far Field Formula (per FCC OET65)



Angle Below Horizon	Power Density (mW/cm ²)	AWS	700 Mhz	Pop MPE	Total Pwr Density (mW/cm ²)	Distance	Total General Pop MPE
90	0.000151409	0.001479467	0.00%	0.00%	0.00%	0	0.001630087
89	0.000174981	0.001538019	0.00%	0.00%	0.00%	0.244470909	0.31%
88	0.000198866	0.001594157	0.00%	0.00%	0.00%	0.488890773	0.32%
87	0.000225342	0.001643664	0.00%	0.00%	0.00%	0.73370891	0.33%
86	0.000250517	0.001693586	0.00%	0.00%	0.00%	0.978875367	0.34%
85	0.000278961	0.001743584	0.00%	0.00%	0.00%	1.224841289	0.35%
84	0.000306874	0.001777995	0.00%	0.00%	0.00%	1.471459294	0.36%
83	0.000335806	0.001813576	0.00%	0.00%	0.00%	1.718983853	0.37%
82	0.000364692	0.001848825	0.00%	0.00%	0.00%	1.967571686	0.37%
81	0.000394572	0.001884825	0.00%	0.00%	0.00%	2.217382165	0.38%
80	0.00042529	0.001921738	0.00%	0.00%	0.00%	2.46857773	0.38%
79	0.000456986	0.001959579	0.00%	0.00%	0.00%	2.721324328	0.39%
78	0.000489744	0.002000000	0.00%	0.00%	0.00%	2.975791863	0.39%
77	0.000523566	0.002043125	0.00%	0.00%	0.00%	3.232154676	0.39%
76	0.000558474	0.002088961	0.00%	0.00%	0.00%	3.49059204	0.39%
75	0.000594481	0.002136608	0.00%	0.00%	0.00%	3.751286694	0.39%
74	0.000631601	0.002186067	0.00%	0.00%	0.00%	4.014435401	0.39%
73	0.000669848	0.002237347	0.00%	0.00%	0.00%	4.28022954	0.38%

ATTACHMENT 4

Town of Farmington, Connecticut - Assessment Parcel Map

UNIQUE ID: 19200152

Address: 152 TOWN FARM RD



Approximate Scale: 1 inch = 400 feet

Map Produced August 2023

Disclaimer: This map is for informational purposes only. All information is subject to verification by any user. The Town of Farmington and its mapping contractors assume no legal responsibility for the information contained herein.



Town of Farmington, CT

Property Listing Report

Map Block Lot 028 10

Building # 1 Unique Identifier 19200152

Property Information

Property Location	152 TOWN FARM RD
Mailing Address	275 SCHOOLHOUSE RD CHESHIRE CT 06410
Land Use	Stable
Zoning Code	R40
Neighborhood	99

Owner	TOWN FARM DEVELOPMENT LLC
Co-Owner	
Book / Page	1114/ 407
Land Class	Commercial
Census Tract	4602
Acreage	58.01

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	987700	691390
Outbuildings	25200	17640
Land	688200	283570
Total	1701100	992600

Utility Information

Electric	No
Gas	No
Sewer	No
Public Water	No
Septic	No



Primary Construction Details

Year Built	1959
Building Desc.	Residential
Building Style	Ranch
Stories	1
Exterior Walls	Diagonal Wood
Exterior Walls 2	
Interior Walls	
Interior Walls 2	
Interior Floors 1	Carpet
Interior Floors 2	

Heating Fuel	Oil
Heating Type	Hot Water
AC Type	Heat Pump
Bedrooms	3
Full Bathrooms	2
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	5
Bath Style	NA
Kitchen Style	Typical
Occupancy	1



Building Use	Single Family
Building Condition	Average
Frame Type	Wood Frame
Fireplaces	0
Bsmt Gar	0
Fin Bsmt Area	
Fin Bsmt Quality	
Building Grade	0
Roof Style	Gable
Roof Cover	Asphalt

Report Created On 7/10/2024

ATTACHMENT 5

Certificate of Mailing — Firm



Name and Address of Sender Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	TOTAL NO. of Pieces Listed by Sender 4	TOTAL NO. of Pieces Received at Post Office™ 4	Affix Stamp Here Postmark with Date of Receipt.
Postmaster, per (name of receiving employee) 			
USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)		
1.	Kathleen Blonski, Town Manager Town of Farmington 1 Monteith Drive Farmington, CT 06032		
2.	Shannon Rutherford, P.E., Town Planner Town of Farmington 1 Monteith Drive Farmington, CT 06032		
3.	Town Farm Development LLC 275 Schoolhouse Road Cheshire, CT 06410		
4.	Carlos Landrau IV - Director of Security & Surveillance Hometown Foundation, Inc. 275 Schoolhouse Road Cheshire, CT 06410		
5.	(Empty row)		
6.	(Empty row)		