

MEMO for the February 1, 2022 Town Board Meeting

Dear Town Board colleagues,

A wood dinosaur sculpture known as "Stickasaurus," photos below, is being gifted to the Town by a family who has recently moved from Pound Ridge, and I seek your approval of the proposed new location for the sculpture--Lions Park--the Town owned property next to the Market in Scotts Corners that is currently managed by the Market Square owners.

Jim Perry has inspected the sculpture and deemed it sound and in excellent condition. The owners of the Market Square are thrilled about this project, agree on the proposed location and will help facilitate the move in coordination with the original artist/sculptor. All costs incurred with the move and new installation will be paid for by the current owners.

Bill Harrington has been consulted, agrees with the plan and the need to add the sculpture to our insurance policy once the move takes place.

All parties involved are very excited and eager to proceed with planning the move once the Town Board approves the location. Discussions will include signage warning against climbing on the sculpture and perhaps fencing.

Please let me know as soon as possible if you have questions or concerns so that I may address them prior to February 1.

Thank you,
Diane Briggs

More info:

"Stickasaurus" by Artist David Rogers.

Artist website: <https://www.big-bugs.com/special-projects>

Weight and length approx: head to tail 40ft, height 15ft, width 12ft, weight 1725 lbs

Photos, below:







BEDFORD CENTRAL SCHOOL DISTRICT

“Inspiring and Challenging Our Students”

**Potential Spring 2022 Bond Referendum & Master Plan Update
January & February 2022**

Bedford Hills ES – Bedford Village ES – Mount Kisco ES – Pound Ridge ES – West Patent ES – Fox Lane MS – Fox Lane HS

Potential Spring 2022 Bond

Context: Potential Tax Levy Impact

The District has been working since 2019 to review Facilities Projects that total over \$107.1 million.

Bond Counsel for the District has advised that development of a Spring 2022 Bond Referendum up to approximately \$70 million would not impact the tax levy.

The Bigger Picture

The “Why” of Capital Projects

**Bedford CSD Vision, Mission
& Core Values, as they *inform***

**Infrastructure & Learning
Environment Projects @ Facilities**

Please Refer to District Website for Additional Information.



Master Plan

Timeline for Spring 2022 & Beyond

Spring 2019	Committees Begin Work on Potential Spring 2022 Bond
Spring 2022	Potential Bond Referendum for Infrastructure & Learning Environments
2022 to 2026	Potential Transfer to Capital, Capital Reserve & Annual Budget Line Items (5-Year Plan)
Interim	Opportunities for Additional Capital Projects & Future 5-Year Plan Development
Spring 2030	Committees Begin Work on Potential Spring 2033 Bond
Spring 2033	Potential Spring 2033 Bond Referendum due to prior Retiring Bond Debt
Future Vision	Additional Retiring Debt Cycles, Annual Budgets & Facility Work Funding Opportunities Create Opportunities to Meet Evolving Infrastructure & Learning Environment Goals

Master Plan

Capital Project Funding Mechanisms

- Potential Bond** *(Potential Spring 2022 Vote)*
- Energy Performance Contract (EPC)** *(Ongoing District Infrastructure)*
- Annual Budgets** *(Ongoing District Maintenance & Scope Items)*
- Transfer to Capital** *(Ongoing District Construction Items)*
- Future Bonds** *(Future District-Wide Work Scope)*

Potential Spring 2022 Bond Pre-Referendum Vote Timeline

(2019 – 2020)

(2020 – 2021)

January 18 – Feb 8

January 26, 2022

February 9, 2022

February 11, 2022

February 28, 2022

March 2, 2022

May 2022

December 15, 2021 BOE Update Summarizing Bedford CSD

Multiple-Committee Review of Facilities Needs (2019 through 2021)

Meetings with PTA's & Community Engagement

BOE Meeting Update (w/input received since December 15, 2021 Presentation)

BOE Work Session to Determine Final Spring 2022 Bond Components

Spring 2022 Work Scope Resolved by BOE with Community Input

District receives Finalized SEQRA & Bond Counsel Reports & Resolutions

Board of Education Adopts SEQRA & Resolution for Bond Referendum;

Public Relations Campaign Continues with Final Scope for Referendum

Targeted Bond Referendum Vote

Bedford Central School District

Spring 2022 Bond

Master Planning includes a Balance of Practical and Extraordinary Studies, Goals, Reviewed Work Scope & Intended Outcomes

Practical

More Quantitative

*Building Condition Survey
Energy Performance Contract
Demographic Studies
Engineering Systems
Building Systems
Site & Drainage
Security Measures
Hygiene Protocols
Budgetary Constraints
Codes & Law
Guidelines & Mandates
Parameters & Restrictions*



Extraordinary

More Qualitative

*Active Student Learning
Student Engagement
Uniqueness of Each Student
The Student Experience
Innovation & Discovery
Vision & Master Planning
Student-Based Design
Inspirational Environments
Learning Communities
Wellness & Empathy
Opportunities & Connections
Culture*

Don't forget the basics.

Activate the Learning Environment.

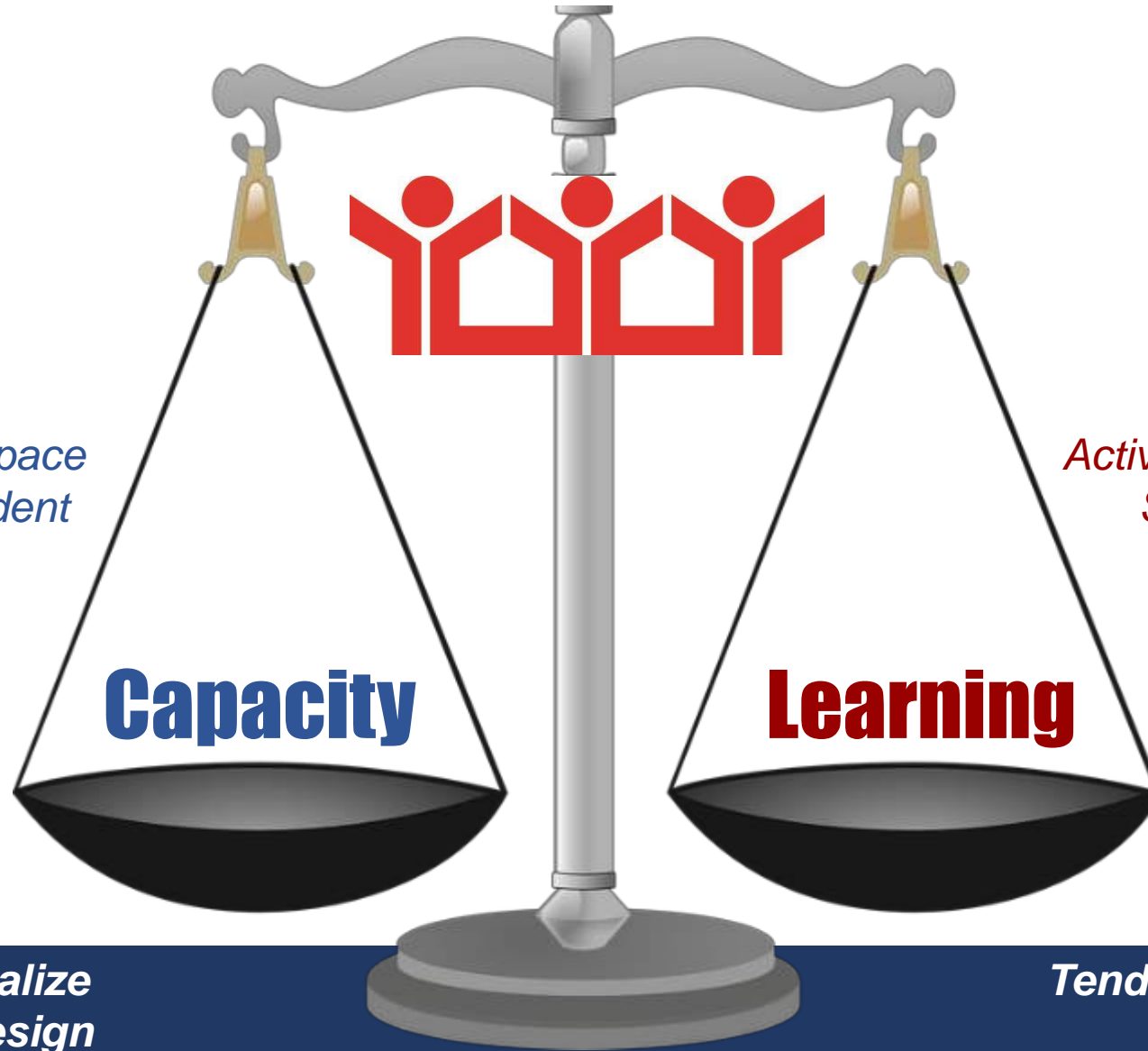
Learning Environment design is not rooted in capacity alone;
it is rooted in adapting facilities to the evolving activity of learning.

Capacity

More Quantitative

*NYSED Guidelines for Space
Square Footage per Student
Class Size Policies
Varies with Utilization
Space Inventory
Number of Seats
Master Schedule
Latent Potential
(Can be Manipulated)*

***Tends to Compartmentalize
Space as a Driver of Design***



Learning

More Qualitative

*Active Process of Engagement
Student-Based Experience
Individual & Group Needs
Formal/ Informal
Adaptable/ Spontaneous
Appropriate Space
Includes Faculty
& Community Space*

***Tends to Open Up Space as a
Driver of Design***

\$24.9M

Infrastructure Projects (K-12) Buildings

Major Projects & Themes <ul style="list-style-type: none">• Mech Fresh Air & Ventilation• Air Conditioning• ADA Accessibility• Bathroom Reconstruction• Window Replacements• Masonry Reconstruction• Concrete Repair• Replace Clock & P/A Systems• Paving & Drainage	What is a BCS? (Building Condition Survey) <ul style="list-style-type: none">• Focused on Infrastructure Projects;• Leads to Infrastructure Scope of Work;• 5-Year NYSED Planning Document that repeats in Cycles forward in Time;• Prioritization of Scope Components over Time to Make it Manageable;• Process of Development with other non-Infrastructure Projects; Becomes One Component Source for Master Planning Projects.	Spring 2022 Bond Infrastructure Projects <table><tr><td>Bedford Hills Elementary</td><td>\$ 2,607,695</td></tr><tr><td>Bedford Village Elementary</td><td>\$ 1,672,650</td></tr><tr><td>Mount Kisco Elementary</td><td>\$ 3,951,300</td></tr><tr><td>Pound Ridge Elementary</td><td>\$ 2,231,750</td></tr><tr><td>West Patent Elementary</td><td>\$ 920,720</td></tr><tr><td>Fox Lane Middle School</td><td>\$ 9,061,187</td></tr><tr><td>Fox Lane High School</td><td>\$ 2,213,175</td></tr><tr><td>District Administration</td><td>\$ 1,285,300</td></tr><tr><td>Grounds/ Transportation</td><td>\$ 950,000</td></tr><tr><td>Overall</td><td>\$ 24,893,777</td></tr></table>	Bedford Hills Elementary	\$ 2,607,695	Bedford Village Elementary	\$ 1,672,650	Mount Kisco Elementary	\$ 3,951,300	Pound Ridge Elementary	\$ 2,231,750	West Patent Elementary	\$ 920,720	Fox Lane Middle School	\$ 9,061,187	Fox Lane High School	\$ 2,213,175	District Administration	\$ 1,285,300	Grounds/ Transportation	\$ 950,000	Overall	\$ 24,893,777
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Bedford Central School District

Spring 2022 Bond

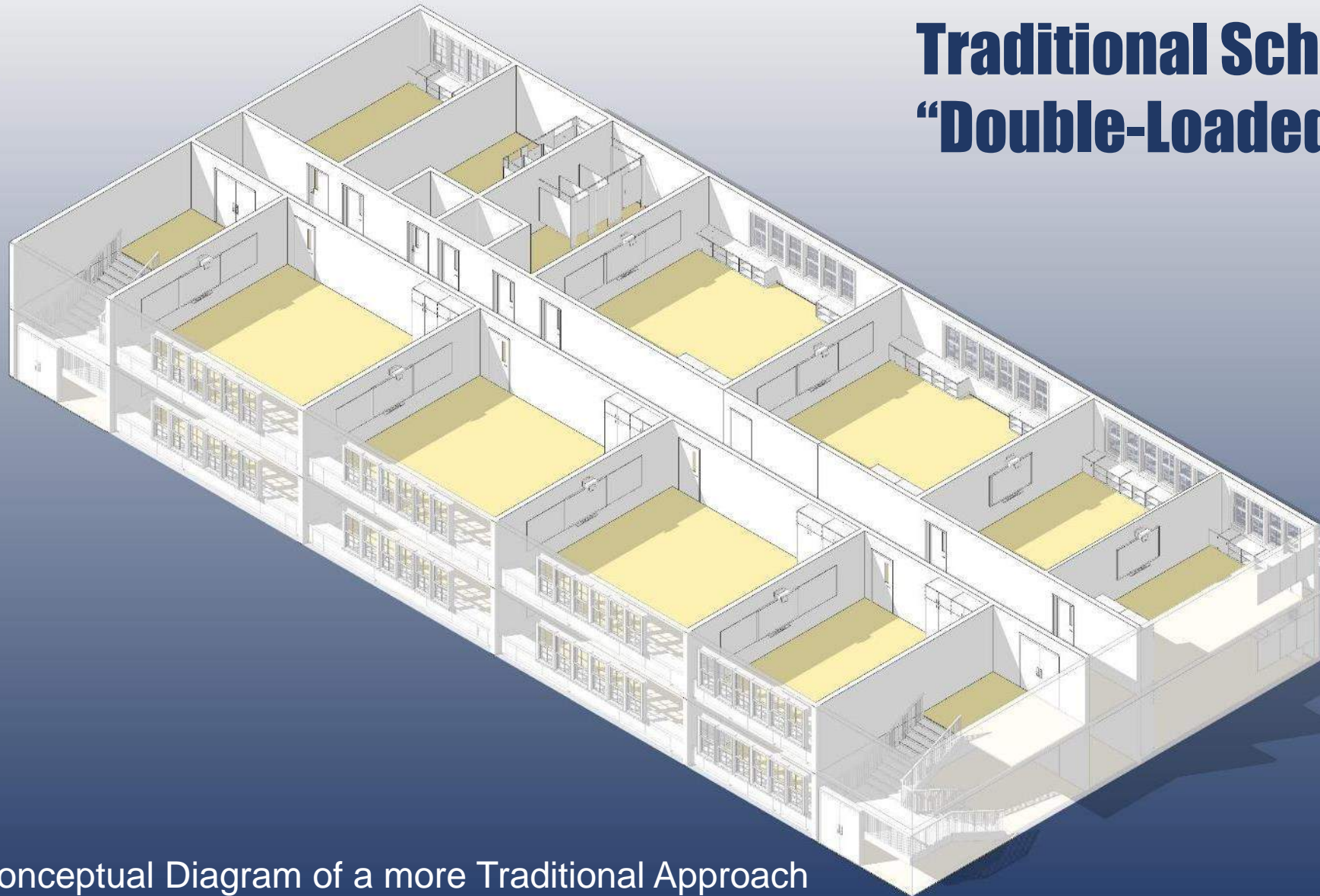
Spatial/ Learning Environments

Potential Spring 2022 Bond

Spatial/ Learning Environment Work Scope Reviewed for Spring 2022 Bond includes Fox Lane High School & Fox Lane Middle School. The vision is to improve learning environments for 21st Century Learning & Beyond, characterized by the decompartmentalization of space paired with an interdisciplinary approach to student-based learning.

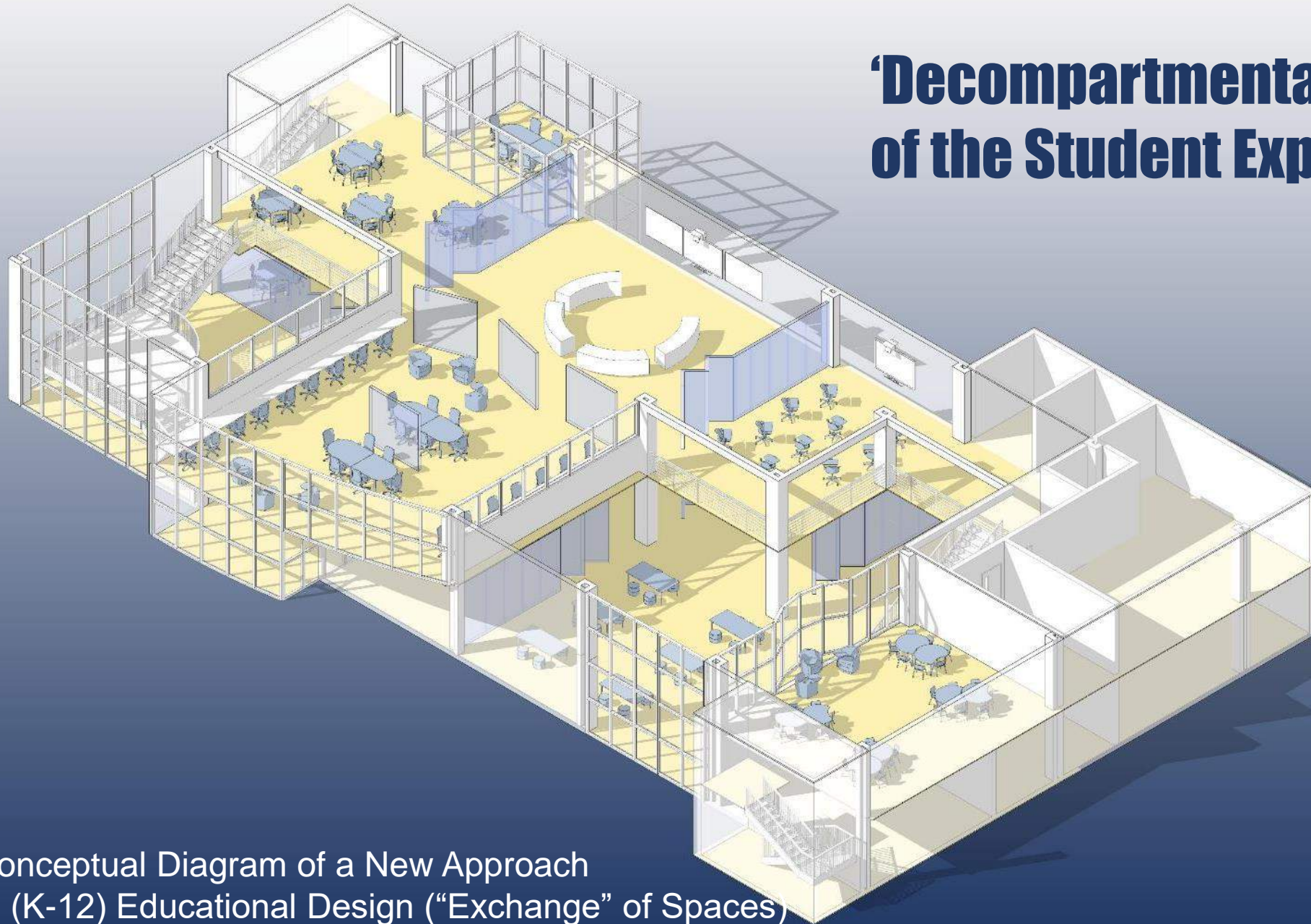
\$11.4M infrastructure work has been reviewed for inclusion within the 2022 Bond Referendum at the Elementary Schools. Additional educational work scope will be reviewed for future Capital Projects work within the Master Plan.

Traditional School Design “Double-Loaded” Corridor



Conceptual Diagram of a more Traditional Approach
to (K-12) Educational Design (“Boxes” of Spaces)

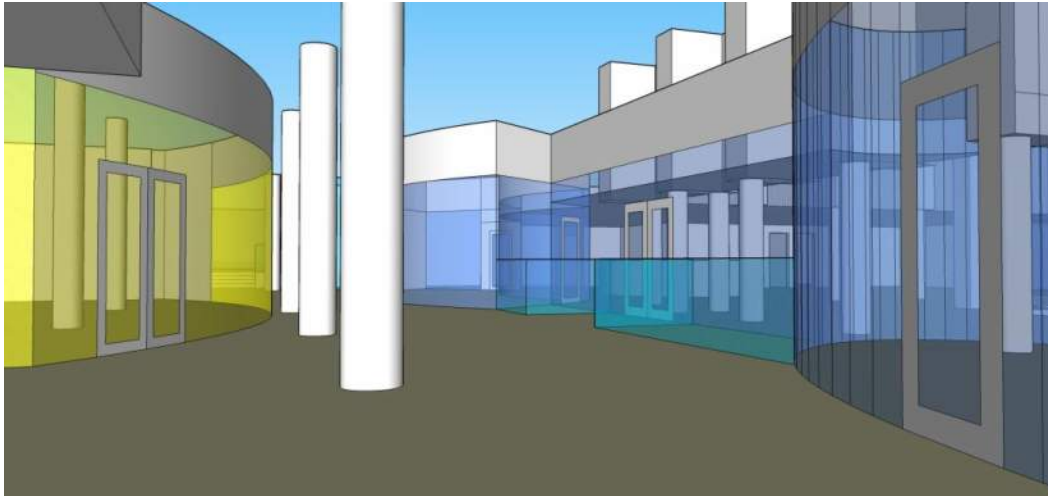
‘Decomartmentalization’ of the Student Experience



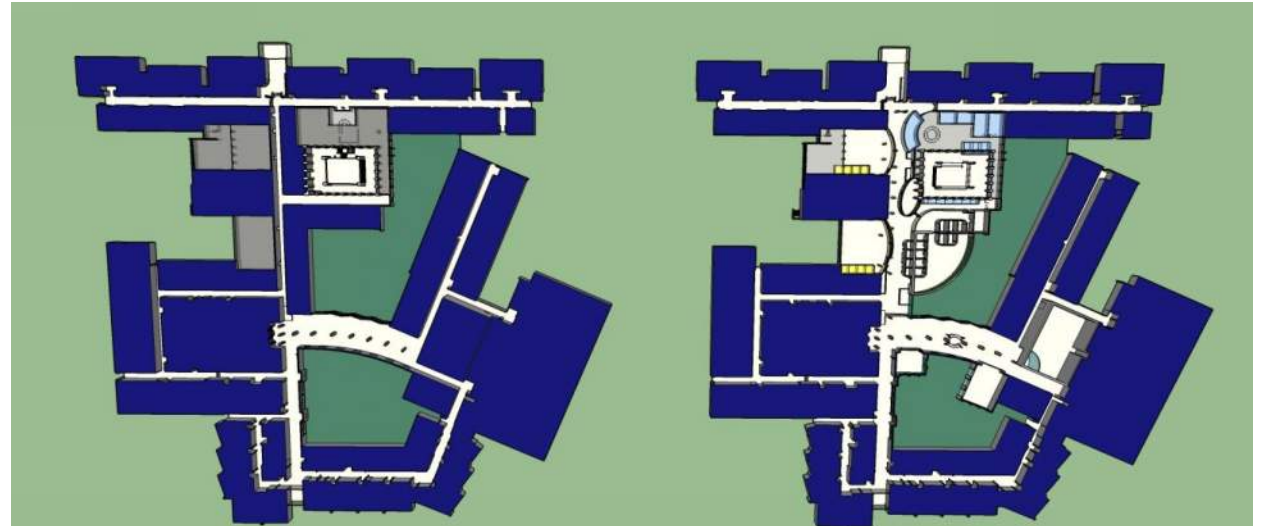
Conceptual Diagram of a New Approach
to (K-12) Educational Design (“Exchange” of Spaces)

Spatial/ Learning Environments

Fox Lane High School

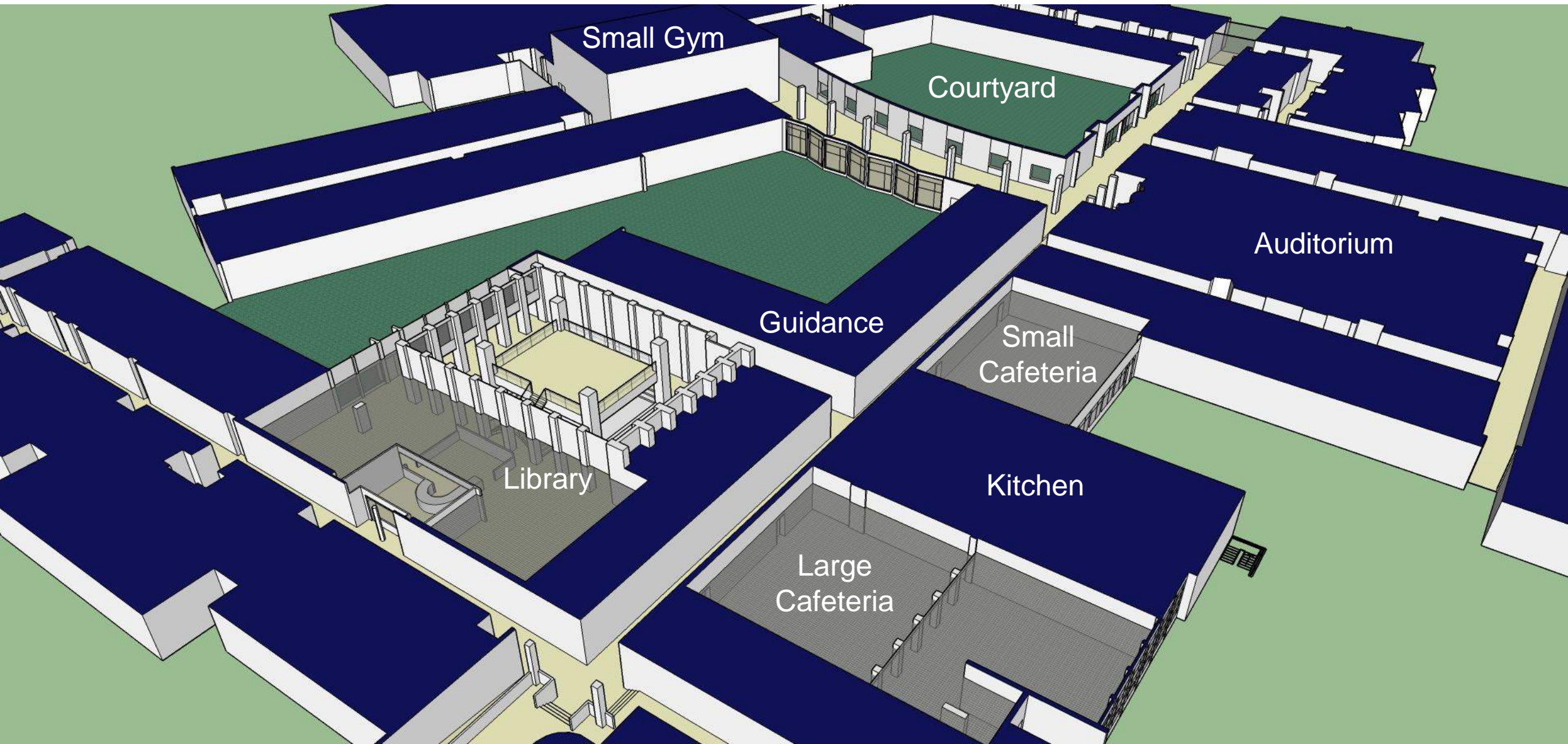


Conceptual View of Student Learning Exchange



Current 1st Floor @ HS

Proposed 1st Floor @ HS



Small Gym

Courtyard

Auditorium

Guidance

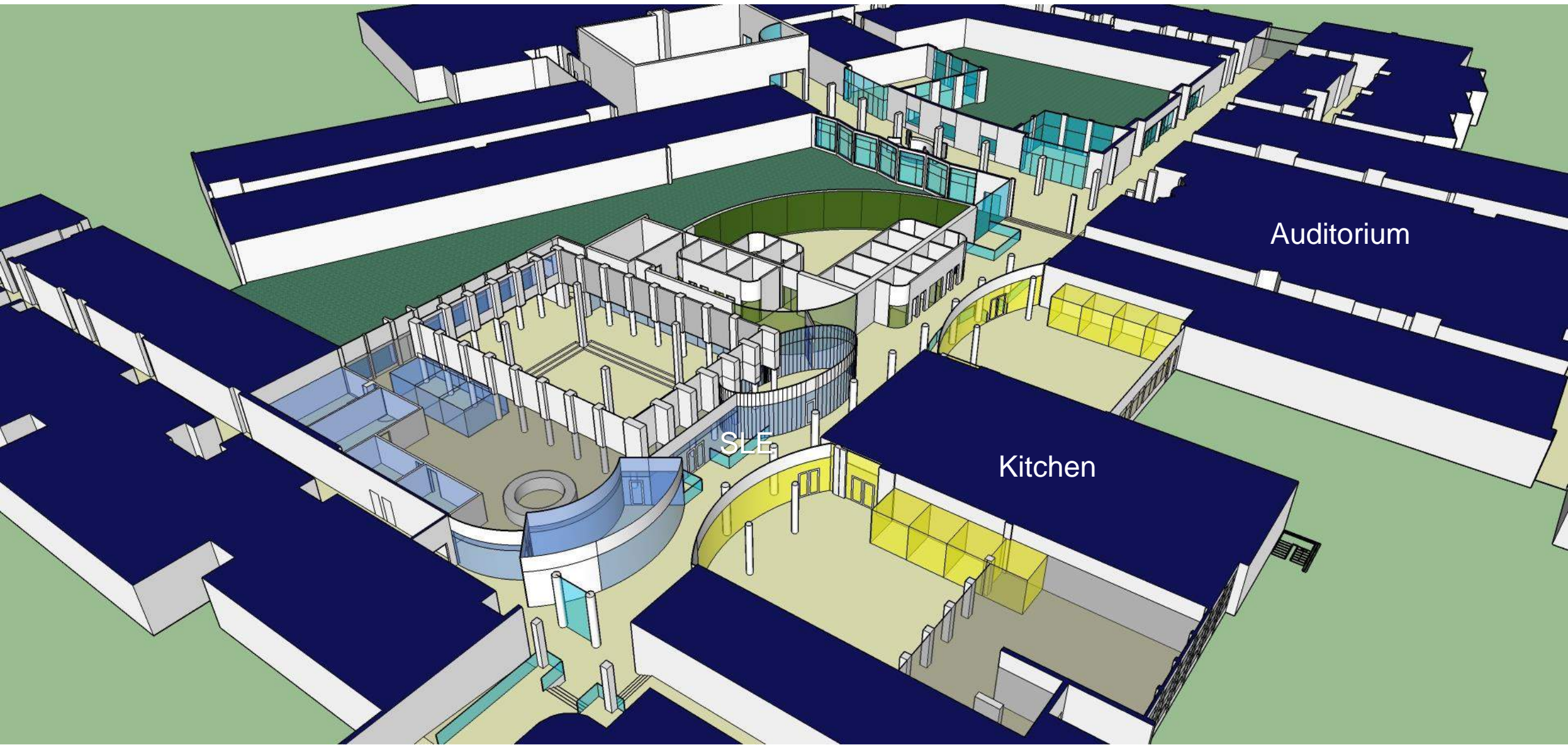
Small Cafeteria

Library

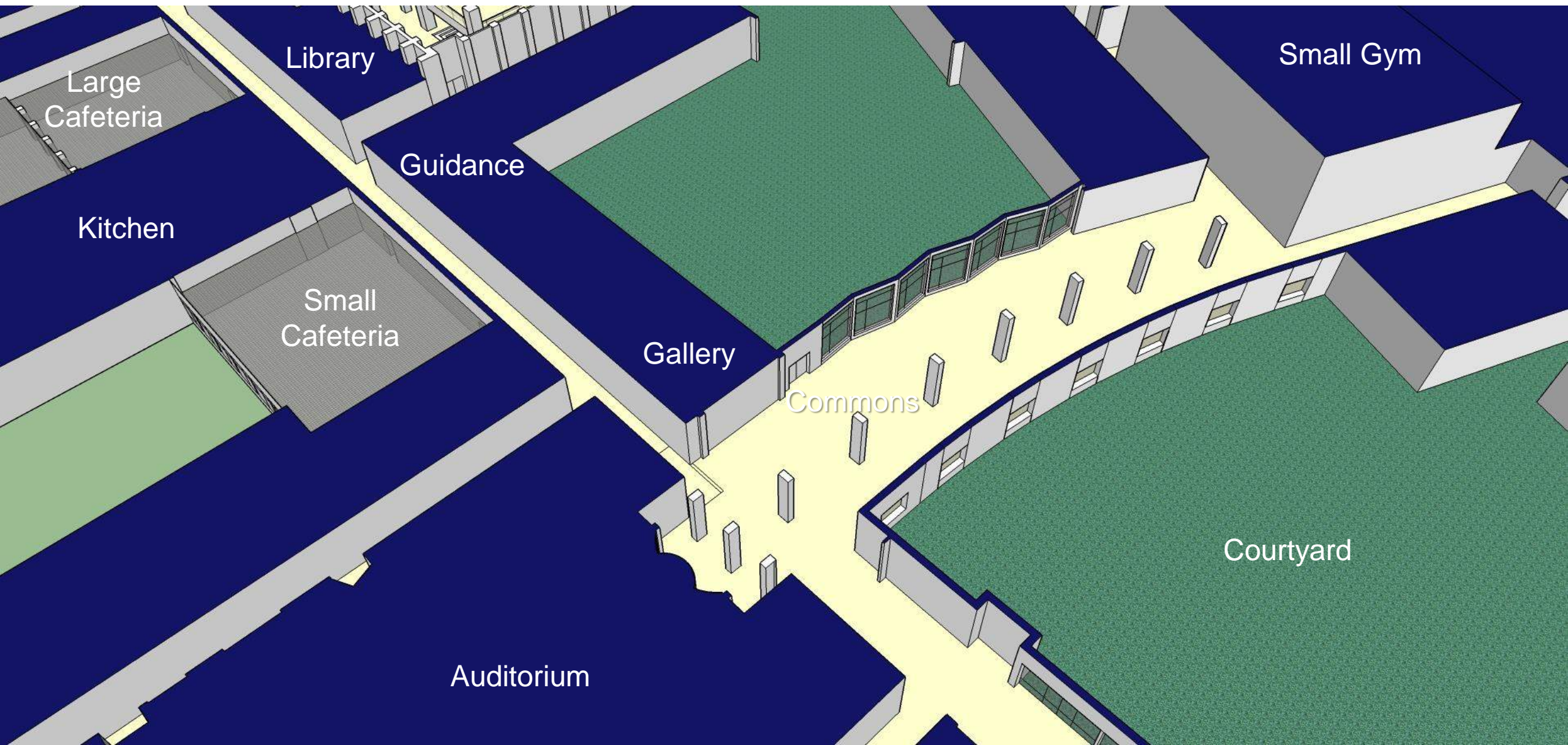
Kitchen

Large Cafeteria

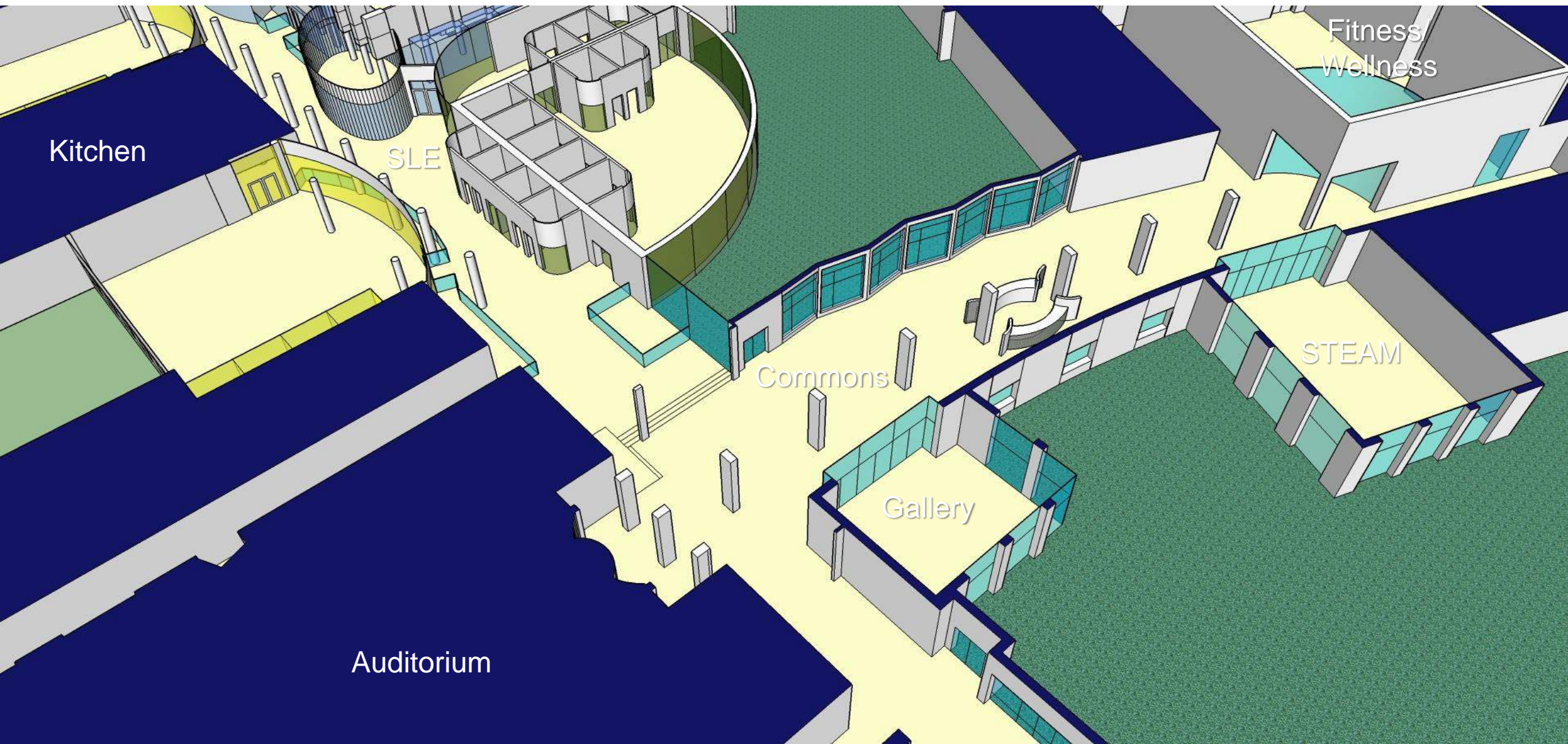
Current view of first floor.



Proposed view of Student Learning Exchange (SLE) at first floor.



Current view of first floor.



Kitchen

SLE

Fitness/Wellness

Commons

STEAM

Gallery

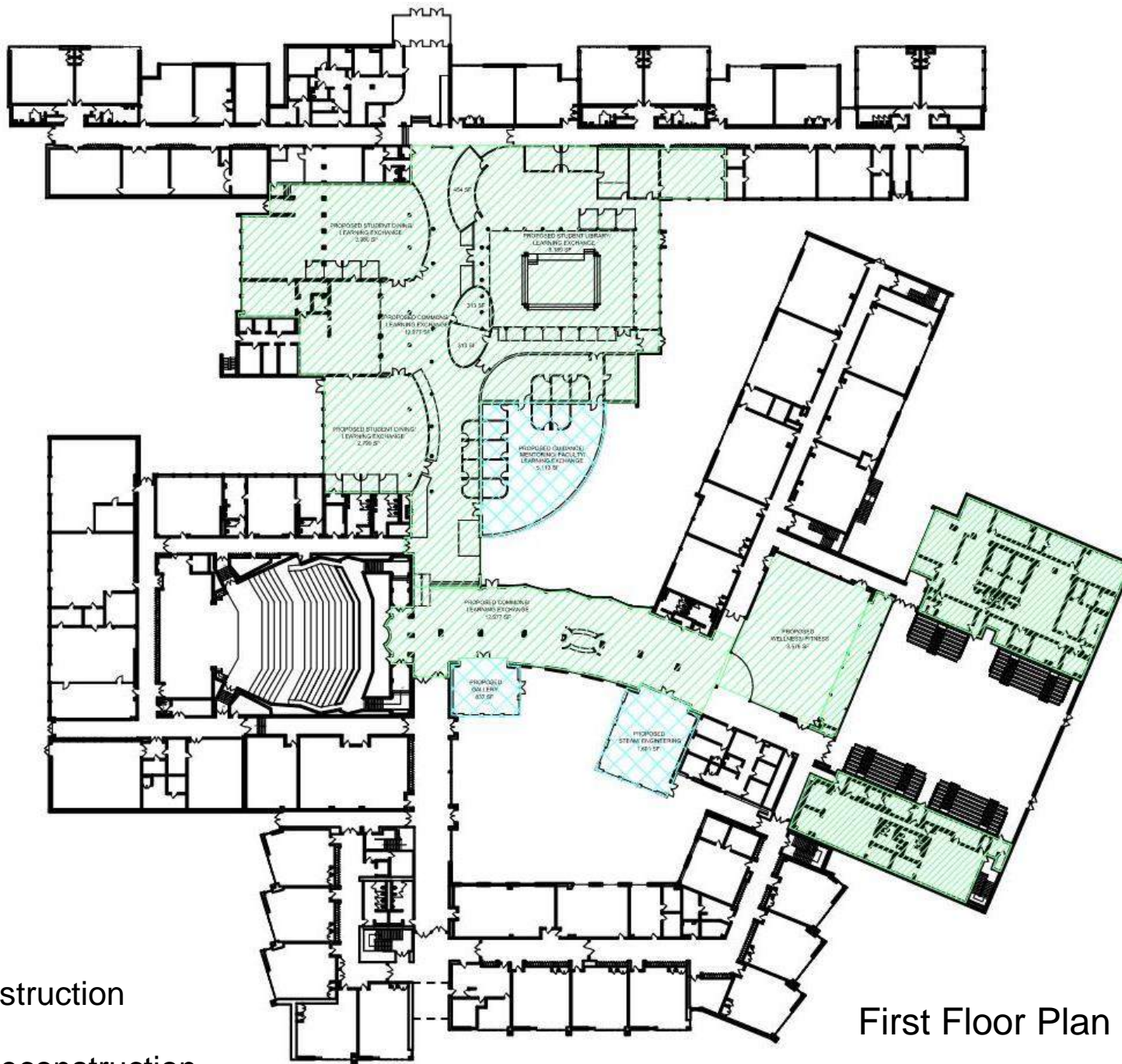
Auditorium

Proposed view of Student Learning Exchange (SLE) at first floor.

\$25.7M

Fox Lane HS

- Student Learning Exchange at Current Library, Dining, Guidance, Art Offices, Gallery & Connecting Corridors
- New Addition for SLE & Guidance
- Site Work, Gardens & Misc.
- Renovate Small Gym to Wellness & Fitness
- Renovate Locker Rooms, Trainer & Storage
- New STEAM & Gallery @ Courtyard



First Floor Plan Diagram

Color Key:
New Construction
Interior Reconstruction

Spatial/ Learning Environments

Fox Lane Middle School



Bedford Central School District

Spring 2022 Bond



Covered Overhang

Main Entry

Existing view of Main Entry & Open 1st & 2nd Floor Connecting Corridors



STEM Workspace/ Gallery

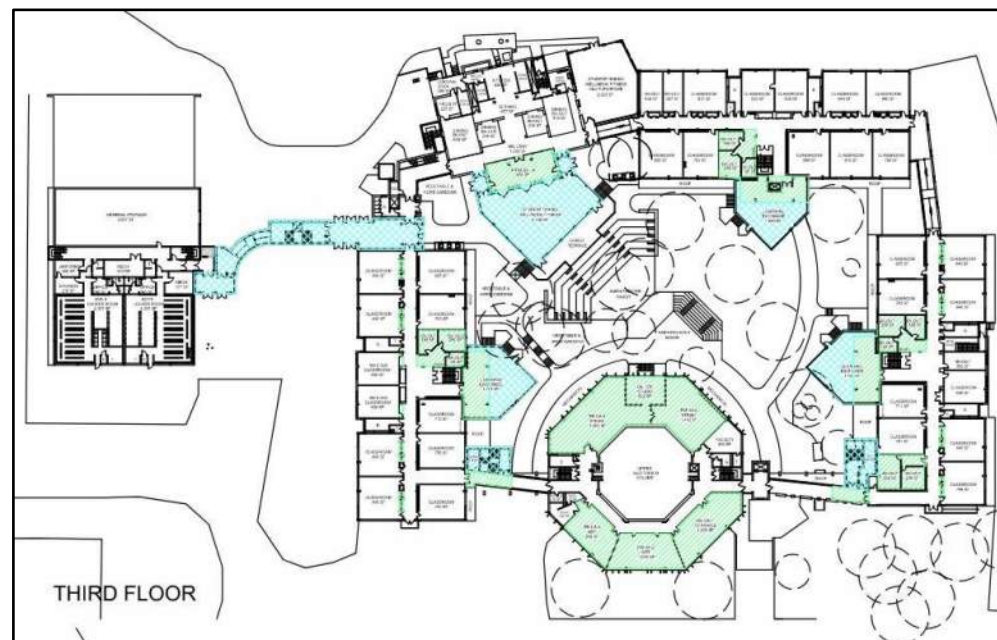
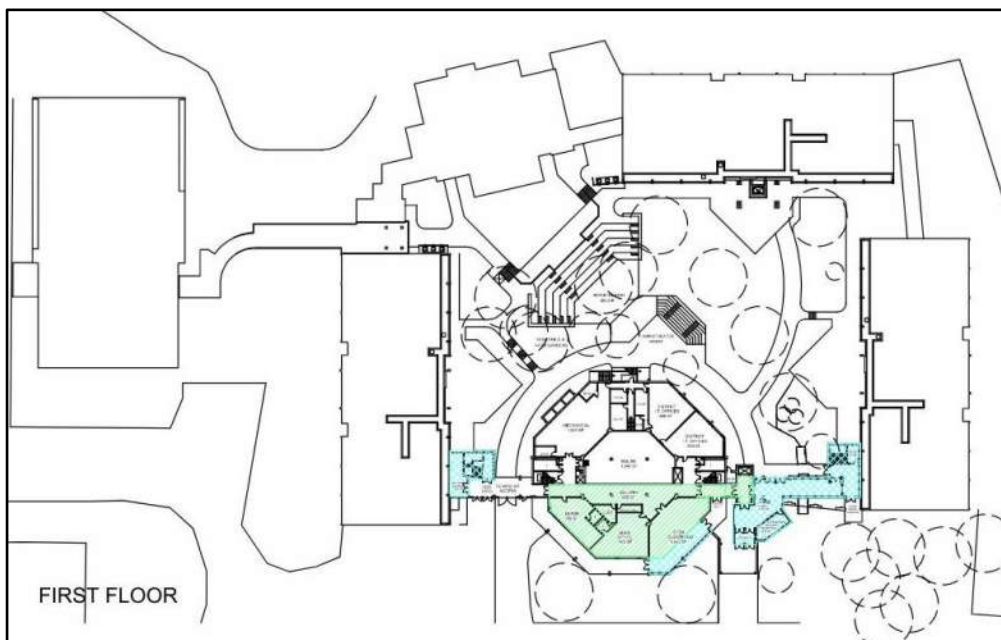
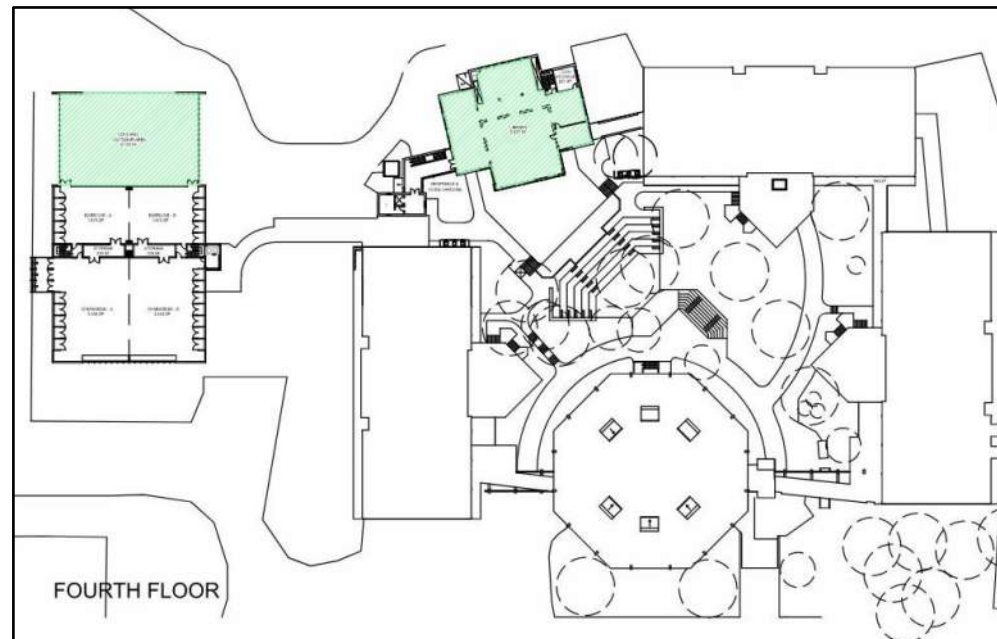
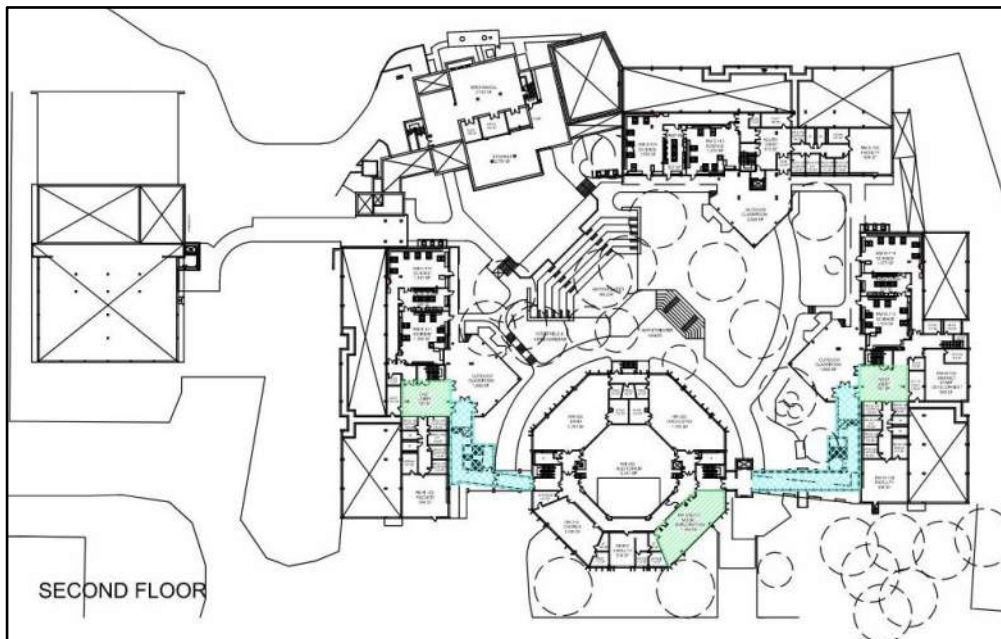
Main Entry

Proposed view of New Main Entry, STEM Workspace & Enclosed Connecting Corridors

\$34.1M

Fox Lane MS

- Corridor & Stairwell Connections
- Houses Reconstruction
- New Houses Exchange Space & Outdoor CR's
- Amphitheater & Site
- Gym Building Covered Outdoor Area
- STEM/ Main Office & Nurse
- Music Exploration
- Tech Shops to STEAM
- Art Classrooms
- Dining, Fitness & Library Building



\$15.0M

Athletics Site Improvements

Fox Lane Campus



Fox Lane Campus Athletics Improvements	
A	Field 4 Multi-Purpose Turf
A	Field 4 Bleachers/ Bubble
B	Fields 3 & 4 Access
B	Restrooms & Storage Near Fields 3 & 4
C	Field 3 Natural Grass
D	Tennis Courts
D	Upgrade Tennis Court Lighting to LED
E	Track & Field Throwing Events
F	Track & Field Storage & Concession
G	Baseball & Multi-Purpose Complex
H	Restrooms & Storage Near Baseball
I	Upgrade Football Stadium Lighting to LED
J	MS Softball Complex
K	Upper Field Natural Grass

Main HS Baseball & Multi-Use Turf Complex
HS Track & Throwing Events
HS Tennis Courts
HS Field #4 Turf & ADA Accessibility
HS Field #3 Natural Turf
MS Softball Field Complex
MS Upper Field Improvements
LED Field Lighting @ Football, Tennis, Baseball
Restrooms & Storage
HS Track & Field Storage & Concession

Bedford Central School District

Spring 2022 Bond

Potential Spring 2022 Bond

Work Scope Reviewed

\$ 24,893,777	BCS/ Infrastructure Priority 1 @ (K-12) Buildings
\$ 34,060,625	Fox Lane Middle School Spatial/ Learning Environments
\$ 25,700,000	Fox Lane High School Spatial/ Learning Environments
\$ 15,003,206	Fox Lane Campus Athletics
\$ 99,657,608	12-15-21 Subtotal Reviewed for Consideration of 2022 Bond
\$ 7,500,430	Air Conditioning @ (K-12) Buildings
\$107,158,038	01-14-22 Total Reviewed for Consideration of 2022 Bond
\$ 70,000,000	No Impact to Tax Levy as per Bond Counsel

Potential Spring 2022 Bond Post-Referendum Vote Timeline

Late Spring 2022	Architect Begin Document Phase for Phase 1 Summer 2023 Projects
Fall 2022	Submit Phase 1 Summer 2023 Documents for NYSED Approval
January 2023	Bid & Award Summer 2023 Projects; Ongoing Future Phase Development
Summer 2023	Phase 1 Infrastructure Projects Construction Commences
(2023 - 2024)	Ongoing Staggered NYSED Applications, Approvals, Bid/Award/Construction
Summer 2024	Infrastructure Projects Construction + Building Additions
(2024 – 2025)	Ongoing Staggered NYSED Applications, Approvals, Bid/Award/Construction
Summer 2025	Infrastructure Projects Construction + Building Additions
Fall 2025	Commence Occupancy of Proposed Building Additions
(2025 – 2026)	Remaining Infrastructure Projects, Interiors, Punch Lists & Close-Out.

Potential Spring 2022 Bond

Questions & Answers

- **What is the Vision for the proposed Spring 2022 Bond?** To match the district's vision, mission & core values for education & the student experience with its facilities, balancing infrastructure projects with improved learning environment design.
- **If work scope is not included within the Spring 2022 Bond, when will it be accomplished?** In future bond phases, EPC, annual budgets, transfer to capital, etc. as described within the main community presentations.
- **When will I have the chance to provide input?** Any time, plus at any public meetings to be announced.
- **What will the final amount of the bond be compared to what has been "reviewed"?** That is to be determined by the BOE February 9, 2022 after careful consideration of committee recommendations and community input received.
- **What would the tax impact be to the general taxpayer?** This is to be determined once the final scope is defined.
- **When would more detailed design input be received?** After the bond passes a massive design effort will begin at each school.
- **How have the cost estimates been developed?** Knowledge and experience in the educational sector of Westchester County & NY State with order of magnitude for spatial/educational projects; more specific unit price detail for infrastructure projects.
- **How will the Master Plan be developed moving into the future?** Through BOE interaction with the Community.



Wireless Telecommunications Polling Results and Zoning Discussion

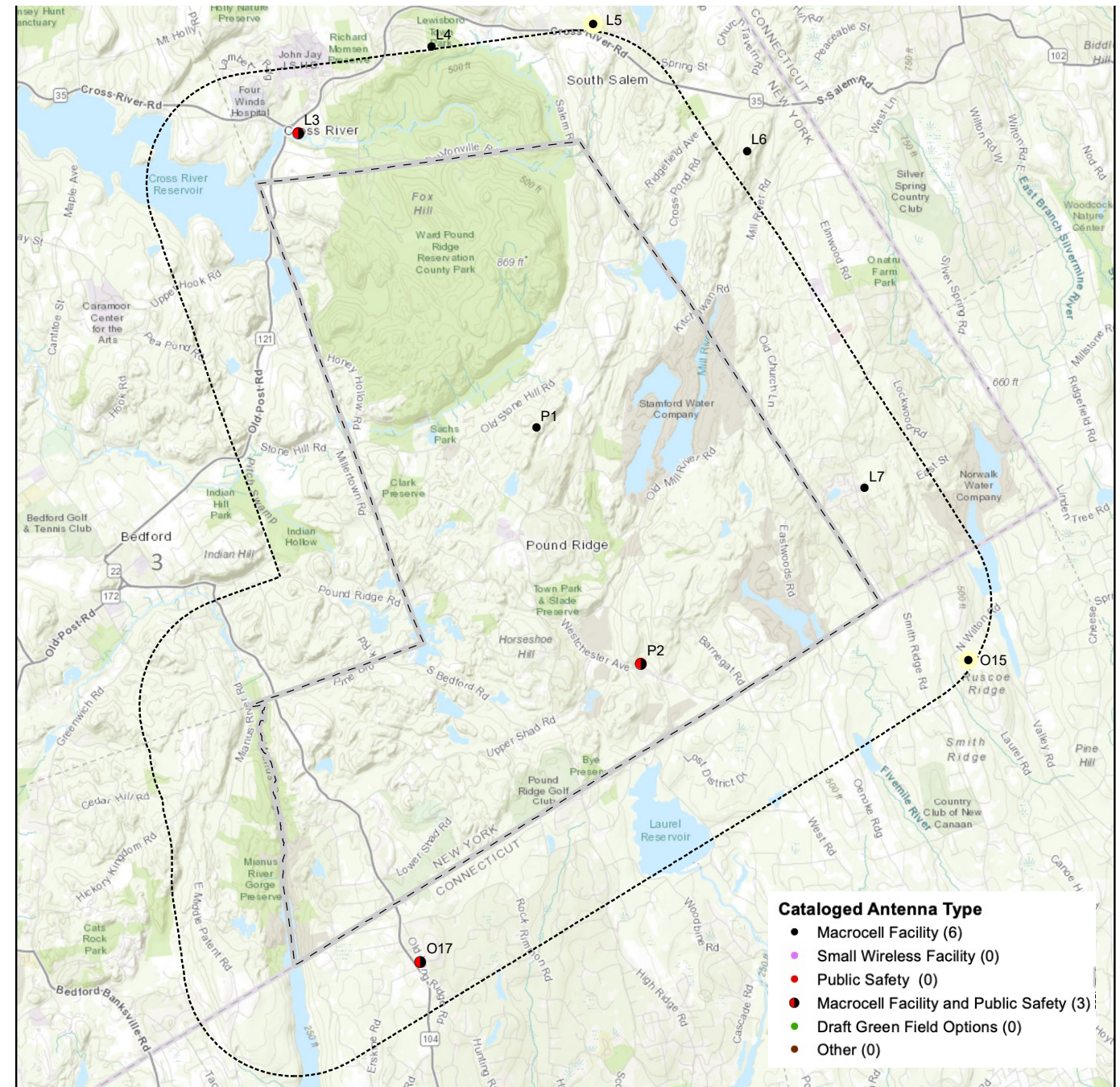
February 1, 2022

CityScape
CONSULTANTS, INC.



Town of Pound Ridge “Wireless Infrastructure Poll”

- Solicit information from the community regarding thoughts, concerns and preferences regarding wireless infrastructure facilities.
- Created and designed to promote open engagement from citizenry, staff, stakeholders and elected officials of the Town.
- September 3rd to September 25th poll open
- Twenty-five (25) questions and forum for comments
- 365 respondents
- Results are intended to inform and guide the development of the Wireless Master Plan reflecting the preferences of the community.
- The preferences will also guide the Town on code updates to reflect current conditions and federal guidelines.
- The opinions expressed regarding wireless infrastructure are important to the process and should be taken into account when discussing future site locations. [The results are as follows:](#)



Summary

Town of Pound Ridge

22.64 sq. mi.

Population: 5,120

Total Macro Facilities: 2



■ GAP ANALYSIS

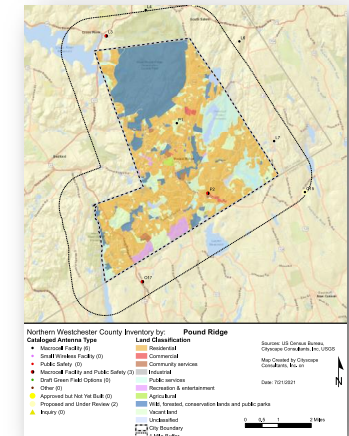
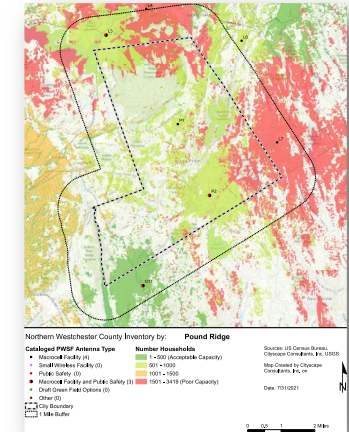
The undeveloped land use classifications, less intensive roadway network and low population density throughout the Town combined make Pound Ridge the most rural/wireless community in the study area. The public safety/wireless service site at the Pound Ridge Lions Ambulance Corps site provides the most coverage inside the Town, other coverage areas are provided from sites in the 1-mile perimeter outside the Town. Significant gaps in coverage exist throughout the Town due the lack of wireless signal hand-off between the existing wireless facilities.

■ POLLING RESULTS

RESPONSES	Pound Ridge	LARGER STUDY AREA
PARTICIPANTS	365	2,872
Use Of Device		
- Personal and Recreation/Leisure	78.3%	84.2%
- Employment Related	59.1%	59.3%
Wireless Coverage at Residence Poor		
- Excellent or Acceptable	31.5%	45.7%
- Poor or Inconsistent	66.1%	53.2%
Wireless Coverage at Work		
- Excellent or Acceptable	26.8%	37.0%
- Poor or Inconsistent	46.1%	30.0%
Wireless While Travelling Around Town		
- Excellent or Acceptable	16.7%	41.1%
- Poor or Inconsistent	82.4%	57.8%
Would Rely More on Device if Network was Better		
- Entirely Agree	71.9%	59.9%
What is Most Important to You?		
-Excellent Connectivity	48.1%	57.5%
-Good Connectivity and Minimal Visual Impact	47.0%	37.1%
Prefer Taller Tower Supporting Multiple Collocations	36.9%	46.2%
Non-Concealed Tower Preference – Monopole	56.2%	62.3%
Concealed Tower Preference – Flag Pole	71.5%	69.8%
Rooftop Preference – Concealed	77.7%	78.0%
Small Wireless Facility Preference – Concealed	91.6%	89.7%
Locational Preference in Town - Anywhere	60.7%	60.6%
Support Use of Public Property for Revenue and Aesthetics – Yes	50.0%	53.8%

■ KEY POINTS OF ZONING ANALYSIS

- Existing Code promotes:
 - Limited number of personal wireless facilities.
 - Minimizing visual impact of facilities on residential properties.
 - Significant separation of 1,000' between all property boundaries and/or residences.
 - Significant setback of two times the applicable setback or height of tower plus applicable setback, whichever is greater from property lines.
- Strongly encourages use of collocation, only two sites on which to collocate.
- Separation and/or setback likely place towers in areas with least amount of benefit to the geographic service area.
- Gap maps allow proactive planning for future wireless infrastructure.
- Community polling responses may be used for future policy decisions.



Section 113-58.1 Standards

“Wireless Telecommunication Services Facilities”

D. “...shall be located in accordance with the following priorities...”

(1)(a) “...providing a separation of 1,000 feet or more from all property boundaries and/or residences.

- Need .4 miles of length on property for one (1) tower
- Local topography
- Distance to area of intended service

(1)(c) On existing facility or “other available sites listed on the Existing Facilities and Available Sites Inventory.”

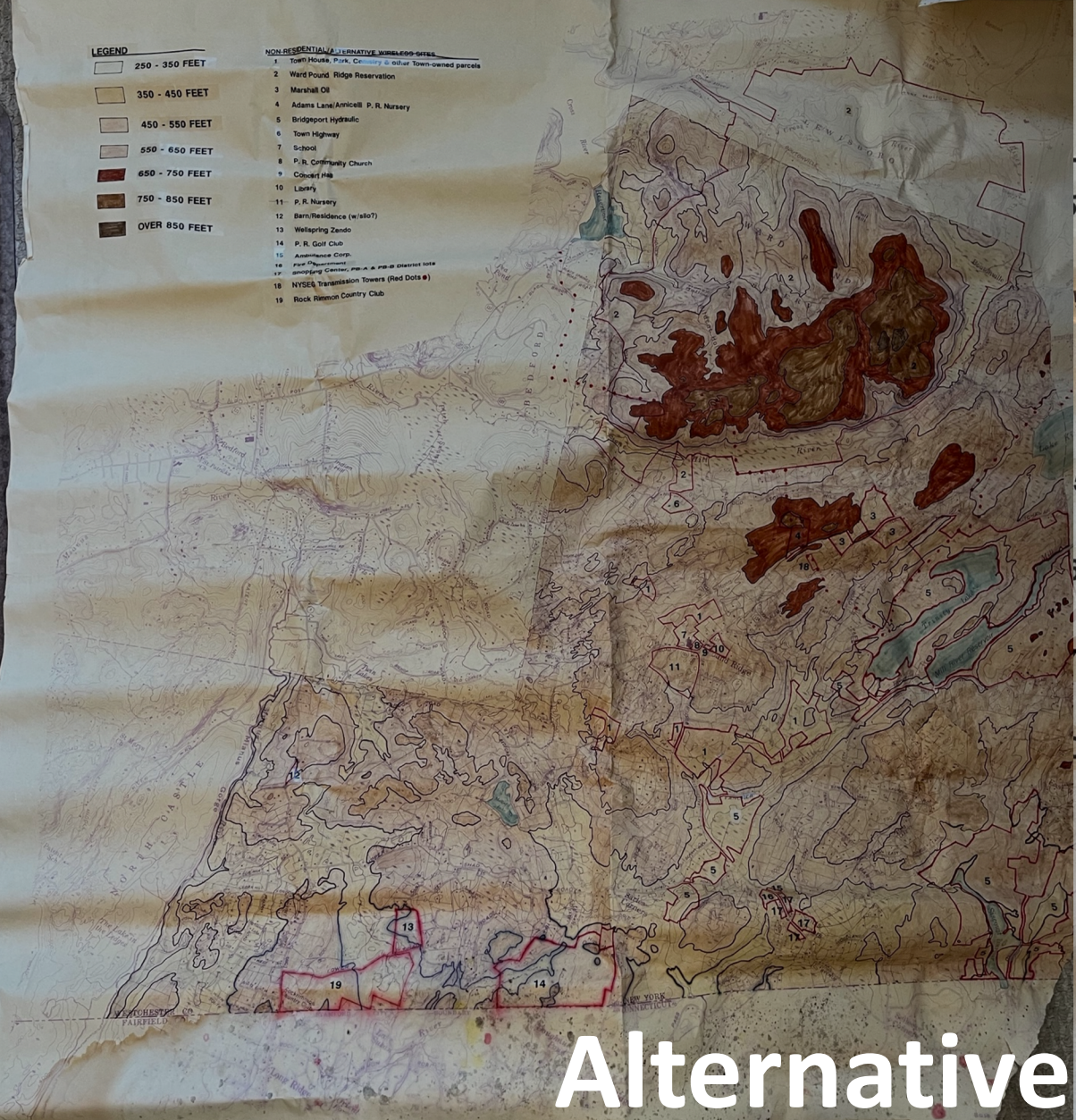
- Several “Available Sites” are located in gap areas

F. Setback “...height of the facility plus the otherwise applicable setback for principal structures for the district...” and 10’ for rooftops from wall

- Will always be greater; and could be burdensome based on network objectives.

TOWN OF POUND RIDGE, NEW

- LEGEND**
- 250 - 350 FEET
 - 350 - 450 FEET
 - 450 - 550 FEET
 - 550 - 650 FEET
 - 650 - 750 FEET
 - 750 - 850 FEET
 - OVER 850 FEET
- NON-RESIDENTIAL/ALTERNATIVE WIRELESS SITES**
- 1 Town House, Park, Cemetry & other Town-owned parcels
 - 2 Ward Pound Ridge Reservation
 - 3 Marshall Oil
 - 4 Adams Lane/Annicelli P. R. Nursery
 - 5 Bridgeport Hydraulic
 - 6 Town Highway
 - 7 School
 - 8 P. R. Community Church
 - 9 Concert Hall
 - 10 Library
 - 11 P. R. Nursery
 - 12 Barn/Residence (w/silo?)
 - 13 Wellspring Zendo
 - 14 P. R. Golf Club
 - 15 Ambulance Corp.
 - 16 Fire Department
 - 17 Shopping Center, PB-A & PB-B District lots
 - 18 NYSEG Transmission Towers (Red Dots ●)
 - 19 Rock Rimmon Country Club



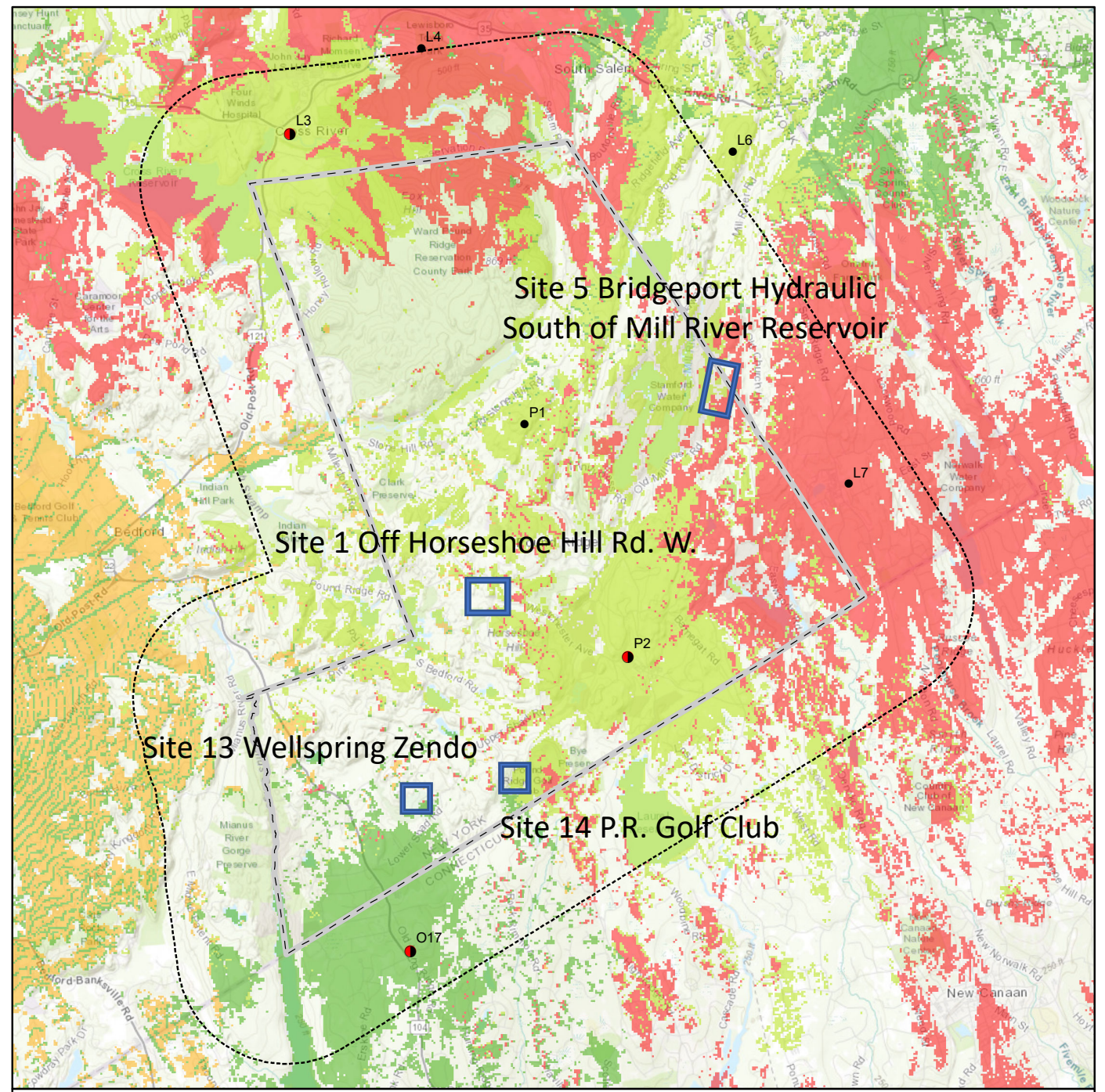
- 250 - 350 FEET
- 350 - 450 FEET
- 450 - 550 FEET
- 550 - 650 FEET
- 650 - 750 FEET
- 750 - 850 FEET
- OVER 850 FEET

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 - 16 Fire Department
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 - 18 NYSEG Transmission Towers (Red Dots ●)
 - 19 Rock Rimmon Country Club

Alternative Wireless Sites

NON-RESIDENTIAL/ALTERNATIVE WIRELESS SITES

1. Town House, Park, Cemetery and other Town-owned parcels
2. Ward Pound Ridge Reservation
3. Marshall Oil
4. Adams Lane/Annicelli P.R. Nursery
5. Bridgeport Hydraulic
6. Town Highway
7. School
8. P.R. Community Church
9. Concert Hall
10. Library
11. P.R. Nursery
12. Barn/Residence (w/silo)
13. Wellspring Zendo
14. P.R. Golf Club
15. Ambulance Corp.
16. Fire Department
17. Shopping Center, PB-A & PB-B District lots
18. NYSEC Transmission Towers
19. Rock Rimmon Country Club



Town of Pound Ridge



To: Town Board
From: David Goldberg
Date: January 25, 2022
Re: Summer Staff Pay Rates

I respectfully request authorization to pay the Pool and Day Camp Staff at the rates listed below, these are budgeted rates.

A7140.102 2022 Day Camp Staff Salary Ranges

Day Camp Directors	\$42,703.00
Arts/Crafts/sports Directors	\$3,300 – \$4,824
Medical Director	\$4,000.00 - \$6,500
Head Counselors	\$1,870 – 2,530
Counselors	\$1,687 – 2,256
Musical Entertainers	\$300 - \$900
Specialists	\$40 - \$50 per hour

		<u>2022</u>
Day Camp Co-Director	Jeff Nurenberg	\$10,700.00
Day Camp Ass't Director	Victor Veiez	\$7,300
Day Camp Ass't. Director		\$4,888
Day Camp Ass't Director	Jackie Grasso	\$5,200
Day Camp Ass't Director	GloriAnne DiToro	\$4,970
Camp Nurse	Mills Reed	\$6,300
Tot camp Director	Lena Nurenberg	\$3,345

A7180.102

2022 Salaried Pool Staff

Pool Manager	\$8,000 – \$18,000
Assistant Pool Manager	\$5,000.00 - \$7,000
Head Swim/Dive Coach	\$8,000.00 - \$9,000.00
Asst. Coaches	\$2,500.00 - \$3,500.00

A7180.103

2022 Pool Staff Hourly Rates

Head Lifeguard	\$14.00 - \$16.00
WSI and 3 yrs experience	\$13.00 - \$14.00
Lifeguards and Instructors	\$11.00 - \$17.00
Gate Attendants	\$10.00 - \$15.00

Respectfully submitted

David Goldberg
Superintendent of Recreation & Parks

Town of Pound Ridge Highway Dept.

MEMO

Date: Jan 24th, 2022

To: Town Board

From: Highway Dept.

Members of the board,

This memo is to ask permission to sell some surplus equipment we have. Included in this sale would be 1 old dodge police car, 3 old parts trucks, 1 set of 6 old tires, 1 old international box truck and 1 old backhoe, 1 old cement mixer, 1 old plow. As usual we will use Auctions international to sell these items. Any questions please.

Thanks, Vinnie

Town of Pound Ridge Highway Dept.

MEMO

Date: Jan 24th, 2022

To: Town Board

From: Highway Dept.

Members of the Board,

This memo is to get your permission for 1 Eagle Scout project in the Pound Ridge Cemetery. I have included the plans for this project. Any questions just ask.

Thanks, Vinnie Duffield

Highway Supt.

Pound Ridge
Murphy's
Corner

Logan Decker
Eagle Scout
Proposal for a
Veteran's
Memorial Wall

Agenda

- Why am I doing this
- Who is Sgt. Murphy
- Wall Design
 - Proposed View
 - Current View
- Materials
- Timing, next steps

Why Am I doing this Project

I've been a Boy Scout for 6 years; I'm going for Eagle Scout.

I choose a Veteran's memorial wall because; I wanted to do a build project, I wanted it to be something impactful and something meaningful to our community

A Veteran's memorial wall both honors the men and women who served us and provides beautification and a place of solitude to reflect on the men on women in our military branches

Who is Sgt. Thomas Murphy

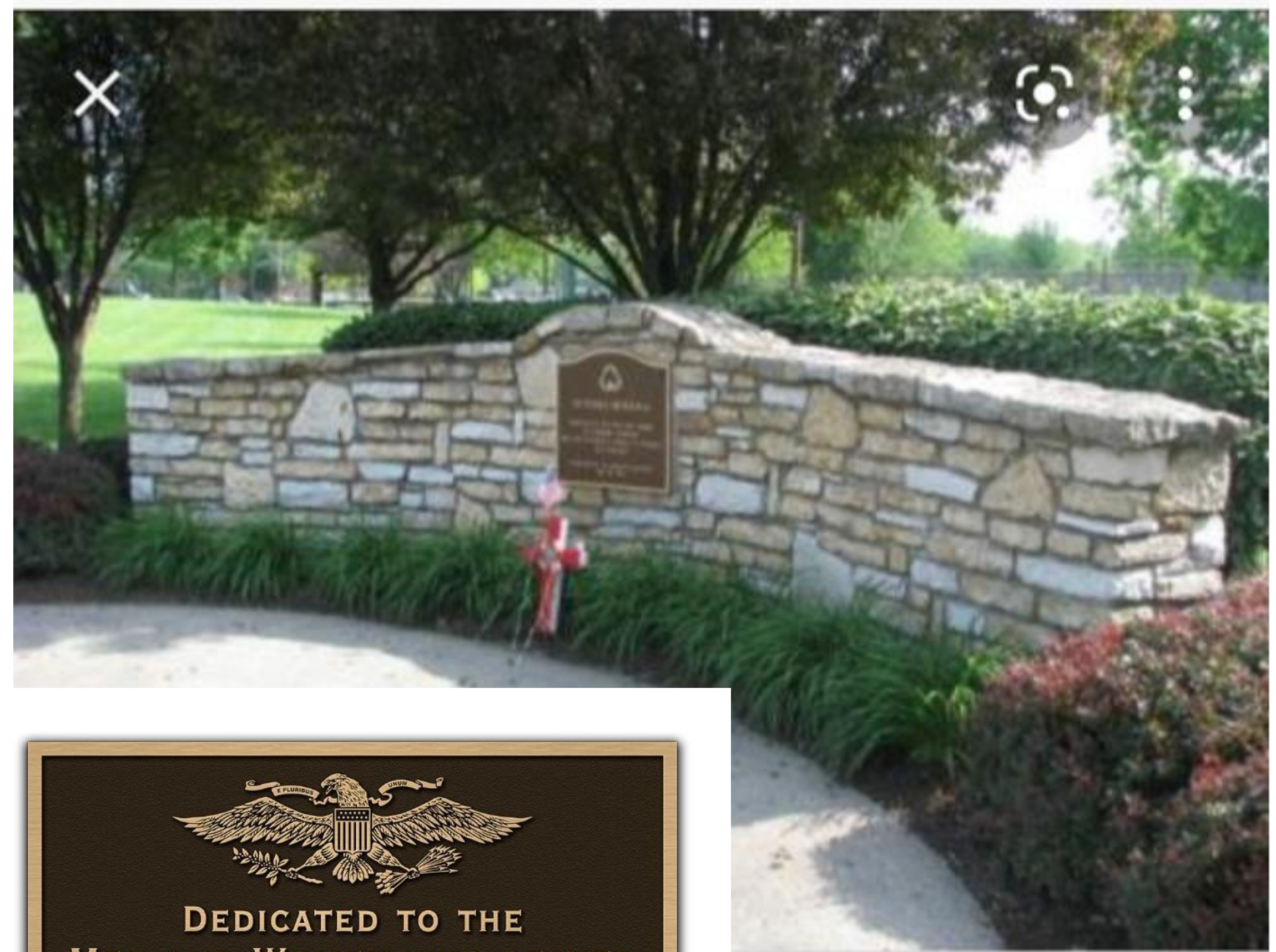
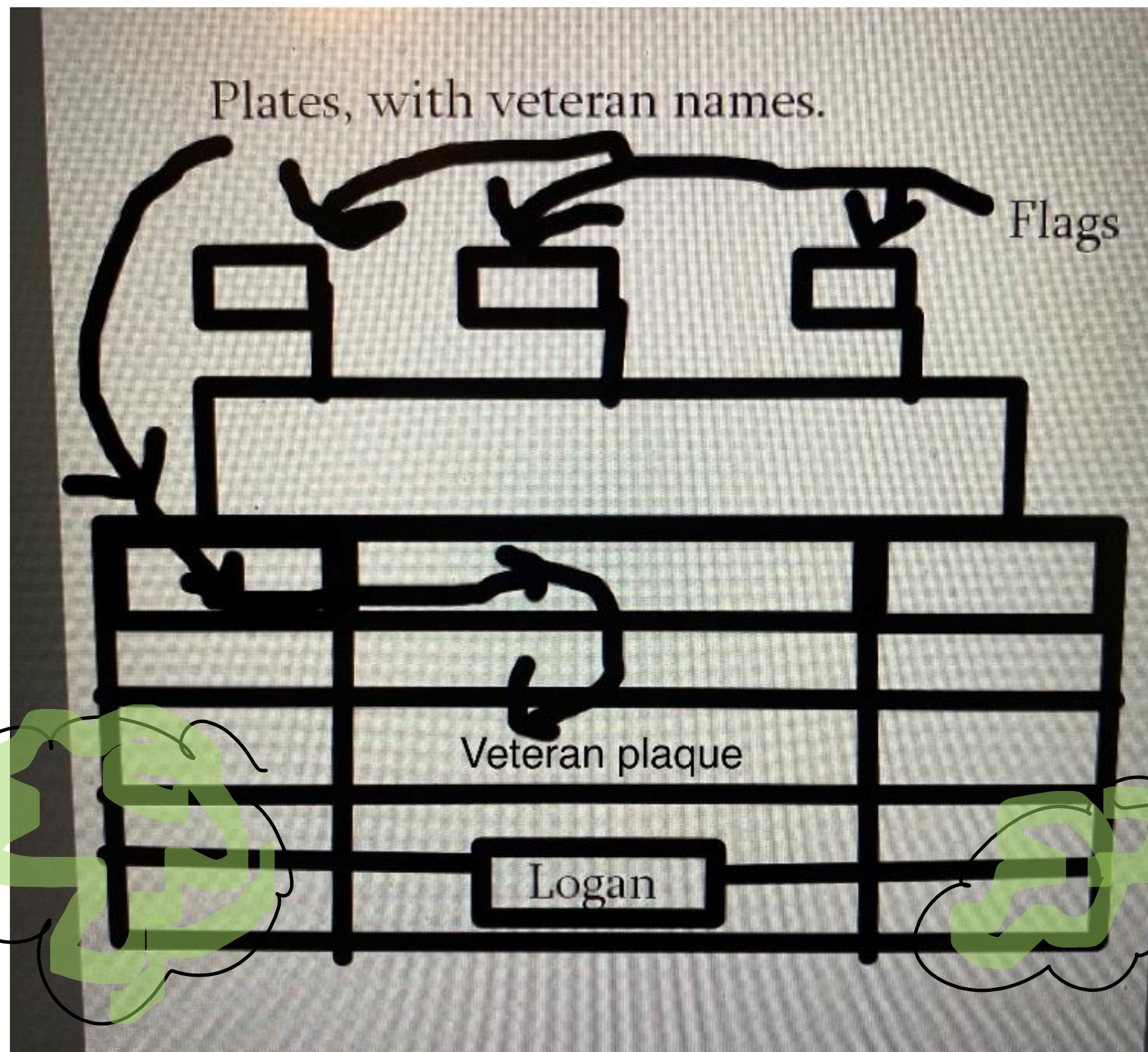
- The Corner is notably called Murphy's corner, in honor of Thomas J. Murphy where a bronze memorial plaque is attached to a stone
- The Plaque Inscription reads:
 - *“A few hundred feet south of this site stood the farmhouse of First Sgt. Thomas J. Murphy of Co. G, 146th N.Y. Infantry. Recipient of the Congressional Medal of Honor. His extraordinary bravery greatly contributed to the Union victory in the pivotal Civil War battle of Five Forks, VA on April 1, 1865. He also participated in the battles of 2nd Bull Run, Antietam, Fredericksburg, Chancellorsville, Gettysburg and the Wilderness Campaign.”*
- Born in 1833 in Kilkenny, Ireland, Sgt. Murphy died on December 2nd, 1901 and is buried in the Pound Ridge cemetery.
- Dedicated with pride by a grateful community on Memorial Day May 28th, 2001.

Proposed Veteran's Memorial Wall

Proposed Flags Size 12x18



Air Force, Coast Guard , Army, Navy ,Marines



Proposed length 8Ft wide – 5 ft Tall
Holes on top for Flags, and flags
Flanked with Shrub Bushes

Proposed Plaque Size 12x18

Current View of Murphy's Corner



Purposed wall would be located here behind the rock, to not block Sgt Murphy's memorial. Proposed wall will measure 8 foot width by 5 foot height. With the flags on top the Flags making the full build 8 feet off ground.

Current view at Murphy's Corner



Proposed Material Options

Bush Options



Holly Shrub With Extremely Dense Foliage
Perfect For Topiary and Low Hedge

Boxwood - Tolerates sun or shade, grows 2-4 ft. tall
and wide, Deer resistant



Proposed Material Options

Stone Options

Cap Stone



Bluegrass Field Stone Veneer-
Gives a more natural look



Bluegrass Ledge Stone – A more refined stacking stone



Materials and Funding

- Stone Wall – Manufactured Veneer Stone- rebar 42 inch- Cinder Blocks, with a stone cap
- Plaque – Copper 12 x 18 inch
- Flags for Branches of Military Outdoor Grade 12"x18"
- Hedge bushes for Appeal – 1 Gallon 2-4FT max size
- Funds will be donated as well as sourced through fundraising at The Market or Go Fund Me Page set up

Costs

- Stone –Stone Veneer Siding Flat Stack or \$1,000- 1,500
<https://www.masonrydirect.com/collections/thin-brick/products/manufactured-stone-veneer-flats>
- Block - Concrete Cider Blocks \$100
- Stone Cap- \$25
- Rebarb- \$30
- Bush's 2 - \$80
- Dedication plaque – Bronz 18x12 \$600
- Flags – 5 Flags on 12x18 on 24 inch stick \$100 =
<https://www.united-states-flag.com/air-force-flag-3x5ft-superknit-polyester.html>

Timing and Next Steps

- Town Approval – Feb
- Eagle Board Review and Approval – April
- Start Build – May/June
 - Ideally would be complete by Memorial Day!

LEASE AGREEMENT

The Landlord and Tenant agree to lease the Premises at the Rent and for the Term stated on these terms:

LANDLORD: TOWN OF POUND RIDGE

179 Westchester Avenue
Pound Ridge, NY 10576

TENANT: KRISTIN N. RANIOLA &
EDWARD A. RANIOLA
8 Old Pound Road
Pound Ridge, NY 10576

PREMISES: 7 Old Pound Road, Pound Ridge, NY 10576 (entire one family house)

Lease date: January 26, 2022 Term: February 1, 2022 - January 31, 2023

Yearly Rent \$50,400. Monthly Rent \$4,200. Security Deposit \$4,200.

1. Use

The Premises must be used to live in only and for no other reason. Only a party signing this Lease, spouse and children of that party may use the Premises *unless otherwise provided by law*. **SEE RIDER**

2. Failure to give possession

Landlord shall not be liable for failure to give Tenant possession of the Premises on the beginning date of the Term. Rent shall be payable as of the beginning of the Term unless Landlord is unable to give possession. In that case rent shall be payable when possession is available Landlord will notify Tenant as to the date possession is available. The ending date of the Term will not change.

3. Rent, added rent

The rent payment for each month must be paid on the first day of that month at Landlord's Address above. Landlord need not give notice to pay the rent. Rent must be paid in full and no amount subtracted from it. The first month's rent is to be paid when Tenant signs this Lease. Tenant may be required to pay other charges to Landlord under the terms of this Lease. They are to be called "added rent." This added rent is payable as rent together with the next monthly rent due. If Tenant fails to pay the added rent on time, Landlord shall have the same rights against Tenant as if it were a failure to pay rent. **SEE RIDER**

The whole amount of rent is due and payable when this Lease is effective. Payment of rent in installments is for Tenant's convenience only. If Tenant defaults, Landlord may give notice to Tenant that Tenant may no longer pay rent in installments. The entire rent for the remaining part of the Term will then be due and payable.

4. Notices

Any bill, statement or notice must be in writing and delivered or mailed to the Tenant at the Premises and to the Landlord at the Address for Notices. It will be considered delivered on the day mailed or if not mailed, when left at the proper address. Any notice **not personally delivered to a property address** must be sent by certified mail or by reputable overnight carrier. Landlord must send Tenant written notice if Landlord changes the Address for Notices.

5. Security

Tenant has given Security to Landlord in the amount stated above. If Tenant fully complies with all the terms of this Lease, Landlord will return the security after the Term ends **within 20 days after the later of the date Tenant vacates the Premises, surrenders the keys OR Landlord inspects the Premises**. If Tenant does not fully comply with the terms of this Lease, Landlord may use the Security to pay amounts owed by Tenant, including damages. If Landlord sells the Premises, Landlord may give the Security to the buyer. Tenant will look only to the buyer for the return of the Security.

6. Utilities and services

Tenant must pay for the following utilities and services when billed: gas, water, electric, fuel, telephone, gardening, exterminating. Maintenance service contracts shall be maintained, continued and paid for by Tenant. These charges will be added rent. **SEE RIDER**

7. Furnishings

~~If the Premises are furnished, the furniture and other furnishings are accepted "as is." If an inventory is supplied, each party shall have a signed copy.~~

8. Repairs, alterations

Tenant must keep, and at the end of the Term return the Premises and all appliances, equipment, furniture, furnishings and other personal property, including all window blinds, clean and in good order and repair. Tenant is not responsible for ordinary wear and damage by the elements. If Tenant defaults, Landlord has the right to make repairs and charge Tenant the cost. The cost will be added rent. Tenant must not alter, decorate, change or add to the Premises.

9 Space "as is"

Tenant has inspected the Premises. Tenant states that they are in good order and repair and takes the Premises "as is".

10. Care of Premises, grounds

Tenant shall keep the grounds neat and clean **and in compliance with all local laws and regulations. Vehicles may be driven or parked only on the driveway and not on any lawns.**

11. Fire, damage

Tenant must give Landlord immediate notice in case of fire or other damage to the Premises. Landlord will have the right to repair the damage within a reasonable time or cancel this Lease. If Landlord repairs, Tenant shall pay rent only to the date of the damage and shall start to pay rent again when the Premises become usable. Landlord may cancel the Lease by giving Tenant 3 days' written notice. The Term shall be over at the end of the third day and all rent shall be paid to the date of the damage.

12. Liability and Insurance

Landlord is not liable for loss, expense or damage to any person or property unless it is due to Landlord's negligence. Tenant must pay for damages suffered and money spent by Landlord relating to any claim arising from any act or neglect of Tenant. Tenant is responsible for all acts of Tenant's family, employees, guests and invitees. Landlord will keep the Premises fully insured for "all risk" loss and Tenant will keep Tenant's furnishings insured for such loss. Tenant shall carry liability insurance for at least \$1,000,000 per occurrence for personal injury or property damage.

13. Landlord's consent

If Tenant requires Landlord's consent to any act and such consent is not given, Tenant's only right is to ask the Court to force Landlord to give consent. Tenant agrees not to make any claim against Landlord for money or subtract any sum from the rent because such consent was not given.

14. Assignment, sublet

Tenant may not sublet all or part of the Premises, or assign this Lease or permit any other person to use the Premises (except for visitors and guests).

15. Landlord may enter, keys, signs

Landlord may at reasonable times, enter the Premises to examine, to make repairs or alterations, and to show it to possible buyers, lenders or tenants. Tenant must give to Landlord keys to all locks. Locks may not be changed or

additional locks installed without Landlord's consent. Doors must be locked at all times. Windows must be locked when Tenant is out. Landlord may place the usual "For Rent" or "For Sale" signs upon the Premises.

16. Subordination

This Lease and Tenant's rights are subject and subordinate to all present and future (a) leases for the Premises or the land on which it stands, (b) mortgages on the leases or on the Premises or on the land, (c) agreements securing money paid or to be paid by the lenders under mortgages, and (d) terms, conditions, renewals, changes of any kind in and extensions of the mortgages or leases or Lender agreements. Tenant must promptly execute any certificate(s) that Landlord requests to show that this Lease be subject and subordinate.

17. Condemnation

If all of the Premises is taken or condemned by a legal authority, the Term, and Tenant's rights shall end as of the date the authority takes title to the Premises. If any part of the Premises is taken, Landlord may cancel this Lease on notice to Tenant setting forth a cancellation date not less than 30 days from the date of the notice. If the Lease is canceled, Tenant must deliver the Premises to Landlord on the cancellation date together with all rent due to that date. The entire award for any taking belongs to Landlord. Tenant give Landlord any interest Tenant might have to any part of the award and shall make no claim for the value of the remaining part of the Term.

18. Compliance with authorities

Tenant must, at Tenant's cost, promptly comply with all laws, orders, rules and directions of all governmental authorities, property owners associations, insurance carriers or Board of Fire Underwriters or similar group. Tenant may not do anything which may increase Landlord's insurance premiums. If Tenant does Tenant must pay the increase as added rent.

19. Tenant's defaults and Landlord's remedies

A. Landlord may give 5 days written notice to Tenant to correct any of the following defaults:

1. Failure to pay rent or added rent on time.
2. Improper assignment of the Lease, improper subletting all or part of the Premises, or allowing another to use the Premises.
3. Improper conduct by Tenant or other occupant of the Premises.
4. Failure to fully perform any other term in the Lease.

B. If Tenant fails to correct the defaults in section A within the 5 days, Landlord may cancel the Lease by giving Tenant a written 3 day notice stating the date the Term will end. On that date the Term and Tenant's rights in this Lease automatically end and Tenant must leave the Premises and give Landlord the keys. Tenant continues to be responsible for rent, expenses, damages and losses.

C. If the Lease is canceled, or rent or added rent is not paid on time, or Tenant vacates the Premises, Landlord may in addition to other remedies take any of the following steps:

1. Enter the Premises and remove Tenant and any person or property;
2. Use dispossession, eviction or other lawsuit method to take back the Premises.

D. If the Lease is ended or Landlord takes back the Premises (and it is done by appropriate legal proceedings), rent and added rent for the unexpired Term becomes due and payable each month as if the Lease were not ended.. Landlord may re-rent the Premises ~~and anything in it~~ for any Term. Landlord may re-rent for a lower rent and give allowances to the new tenant. Tenant shall be responsible for Landlord's cost of re-renting. Landlord's cost shall include the cost of repairs, decorations, broker's fees, attorney's fees, advertising and preparation for renting. Tenant shall continue to be responsible for rent, expenses, damages and losses. Any rent received from the re-renting shall be applied to the reduction of money Tenant owes. Tenant waives all rights to return to the Premises after possession is given to the Landlord by a Court.

20. Bankruptcy

If (1) Tenant assigns property for the benefit of creditors, (2) Tenant files a voluntary petition or an involuntary petition is filed against Tenant under any bankruptcy or insolvency law, or (3) a trustee or receiver of Tenant or Tenant's property is appointed, Landlord may give Tenant 30 days notice of cancellation of the Term of this Lease. If any of the above is not fully dismissed within the 30 days, the Term shall end as of the date stated in the notice. Tenant must continue to pay rent, damages, losses and expenses without offset.

21. Correcting tenant's default

If Tenant fails to correct a default after notice from Landlord, Landlord may correct it for Tenant at Tenant's expense. The sum Tenant must repay to Landlord will be added rent.

22. Waivers of jury, counterclaims, set off

Landlord and Tenant waive trial by a jury in any matter which comes up between the parties under and because of this Lease (except for a personal injury or property damage claim). In a proceeding to get possession of the Premises, Tenant shall not have the right to make a counterclaim or get off.

23. Written instructions

Landlord has given or may give written instructions about the care and use of the appliances, equipment and other personal property on the Premises. Tenant must obey the instructions.

24. Illegality

If any part of this Lease is not legal, the rest of the Lease will be unaffected.

25. No waiver

Landlord's failure to enforce any terms of this Lease shall not prevent Landlord from enforcing such terms at a later time

26. Successors

This Lease is binding on all parties who lawfully succeed to the rights or take the place of the Landlord or Tenant.

27. Representations, changes in Lease

Tenant has read this Lease. All promises made by the Landlord are in this Lease. There are no others. This Lease may be changed only by an agreement in writing signed by and delivered to each party.

28. Paragraph headings

The Paragraph headings are for convenience only.

29. Effective date

This Lease is effective when Landlord delivers to Tenant a copy signed by all parties.


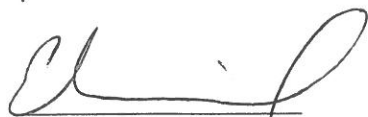
30. A Rider is attached hereto and made a part hereof.

Signatures: The parties have entered into this Lease on the date first above stated.

LANDLORD: TOWN OF POUND RIDGE

TENANT:

BY 
Kevin Hansan, Supervisor


KRISTIN N. RANIOLA

EDWARD A. RANIOLA



January 6, 2022

Supervisor Kevin Hansan
& Members of the Board
Town of Pound Ridge
179 Westchester Ave
Pound Ridge, NY 10576

**Subject: Proposal for Third-Party Audit of Water Sampling Results
Pound Ridge Golf Club
Town of Pound Ridge, Westchester County, New York**

Dear Supervisor Hansan & Members of the Board:

Pitingaro & Doetsch Consulting Engineers, P.C. (P&D) would be pleased to serve as a third-party auditor of water sampling results at the privately owned and operated Pound Ridge Golf Club on behalf of the Town. The Description of Services & Fees, Hourly Rates and Terms & Conditions for the engagement are attached hereto.

Please sign a copy of this cover letter, initial each of the subsequent pages and return to our office. Your signing shall constitute authorization to proceed with the agreed-upon services.

If you have any questions regarding this agreement, please contact me at 845.703.8140 or at pitingaro@panddengineers.com. We appreciate this opportunity and look forward to working with you to complete this project.

Very truly yours,

Jason A. Pitingaro, PE
President

JAP/km

Enclosure

Accepted By: Town of Pound Ridge

Authorized Signature

Print Name/Title

Date

DESCRIPTION OF SERVICES & FEES

The Pound Ridge Golf Club (Club) is a privately owned and operated golf course located at 18 High Ridge Road in the Town of Pound Ridge. The Club features 7,165 yards of course on a 172-acre site. In 2002, as a condition of site plan and special use permit approval of the construction and operation of the Club, a “Groundwater, Surface Water and Stormwater Monitoring Plan” (Plan) was prepared by Leggette, Brashears & Graham, Inc. That Plan details environmental controls to be adopted by the Club to prevent adverse water quantity and quality impacts during construction and operation of the facility, which includes regular sampling of groundwater and surface waters on site and in close proximity to the Club.

The Town of Pound Ridge (Town), via the Town’s attorney, has requested that Pitingaro & Doetsch Consulting Engineers, P.C. (P&D) coordinate with WSP USA (WSP) to perform the requisite third-party auditing of operational-phase water sampling on behalf of the Town.

The Club retains John Benvegna, PG, CPG, from WSP as the course’s hydrogeologist. According to Mr. Benvegna, present-day sampling for applied pesticides and inorganics is performed at nine (9) locations on the course three (3) times per year, and sampling of stormwater quality is performed at two (2) locations two (2) times per year as a condition of the course’s current permit. Additionally, due to the detection of pesticides following a release incident that took place in spring 2008, sampling for pesticides is performed at three (3) off-site residential wells two (2) times per year. Two (2) of those three (3) locations have carbon treatment systems from which influent and mid-carbon samples are collected.

Present-day sampling differs from the sampling mandated in the original Plan from approximately twenty years ago. Previously, ten (10) on-site groundwater wells were to be monitored for groundwater quantity, and five (5) on-site groundwater wells and a minimum of ten (10) off-site residential wells, four (4) surface water sources and three (3) stormwater monitoring points were to be monitored for water quality.

It is our understanding that, pursuant to information provided by Mr. Benvegna as well as our review of the original Plan, our responsibilities as third-party auditor will consist of the following:

Water Quality Monitoring

1. Review and evaluate the water sampling results and prepare and submit the requisite third-party audit report verifying whether the results meet all applicable regulatory standards and requirements of the Town.
 - a. Review field data sheet, which includes calibration information, field measurements, sample times and any other pertinent sampling information as well as the project name, date and names and signatures of sampling personnel.
 - b. Review chain-of-custody form, which includes the same information as the sample bottle labels in addition to the samplers’ names and signatures, the signatures of the person releasing the samples for shipping, the date and time of shipping, the signature of the person receiving the samples and the date and time of receipt.
 - c. The evaluation will be performed in accordance with NYCRR Parts 700-706, latest edition, and TOGS 1.1.1., dated June 1998. The report will also evaluate the results of

any analytes without a water quality standard against Health Advisory Levels (HALs) pursuant to the Plan.

- d. If there is a pesticide detection, the report will include an assessment as to why the detection occurred, what response actions were initiated and what measures are being taken to prevent a reoccurrence

Annual Professional Fee: \$3,600

2. Prepare and distribute correspondence to involved homeowners explaining the results of semi-annual sampling of their private wells.

Annual Professional Fee: \$1,200

3. Review annual pesticide use report prepared by Club Superintendent.

Annual Professional Fee: \$1,600

Prior to assuming the role of the third-party auditor, P&D will perform an in-person inspection of the Pound Ridge Golf Club facility to observe the present-day conditions of sampling locations indicated on mapping provided by Mr. Benvegna.

This proposal pertains to the above services only. It assumes all required testing, laboratory analyses, approvals, permits, etc. will be obtained by the Client and/or Others. Any other additional work not included in the scope of this proposal will be billed at our standard hourly rates as shown in the attached Hourly Rates. Any escrow fees, laboratory fees, permit fees or other fees shall be the responsibility of the Client and/or Others.

P&D will not require a retainer for these services. We will invoice the Client on a monthly basis based on work completed. Payment is due in full upon presentation of the monthly invoice.

G:\Shared drives\P&D Marketing\Proposals\Pound Ridge T\1.6.22 Pound Ridge Golf\1.6.22 Pound Ridge Golf



SERVICES

- Civil engineering
- Municipal planning & review
- Water treatment
- Water source development
- Land development
- Land planning
- Wastewater treatment
- Water resources
- Environmental engineering
- Regulatory compliance
- Building & MEP design
- Construction management
- Construction inspection
- Grant administration

TITLE	RATE
Principal	\$200
Project Manager	\$185
Senior Electrical Engineer	\$175
Senior Civil Engineer	\$175
Senior Mechanical Engineer.....	\$175
Program Manager	\$150
Environmental Engineer	\$150
Civil Engineer	\$150
Municipal Markets Manager	\$145
Grant Coordinator	\$135
Junior Civil Engineer	\$135
CADD/Drafting Technician	\$105
Water/Wastewater Plant Operator	\$105
Senior Resident Inspector.....	\$135
Resident Inspector	\$105
Clerical	\$75

EXPENSES

Photocopies	\$0.25 per copy
Blueprint Reproduction	\$0.60 per square foot
Other Reproduction	Square foot rate subject to type of material used
Special Mailings/Delivery	Rates subject to priority, weight and distance
Transportation Expenses	Prevailing IRS rate
Other Direct Costs	Cost plus 15% to include but not be limited to subcontractors, supplies and other materials

PROFESSIONAL SERVICES TERMS & CONDITIONS OF AGREEMENT

All services offered through this Agreement (“Agreement”) and/or any subsequent proposals, agreements, or contracts, including the “Description of Services” or “Statement of Work” (referred to herein as “DOS/SOW”) included in the above, and performance of the parties thereunder is governed by and subject to these General Terms and Conditions (“Terms and Conditions”) which by reference are incorporated and made a part of the DOS/SOW. “Client” is identified as “Client” or “You” or “Your” herein, and collectively referred to with Pitingaro & Doetsch Consulting Engineers, P.C. as “Parties” or separately as “Party.”

The Terms and Conditions (i) are subject to change by Pitingaro & Doetsch Consulting Engineers, P.C. from time to time; (ii) in effect as of the Effective Date (“Effective Date”) of the DOS/SOW and shall apply for the performance of that DOS/SOW; (iii) will not apply retroactively to any DOS/SOW; and (iv) are dated and archived when superseded by a newer version. Pitingaro & Doetsch Consulting Engineers, P.C. represents that in the event You have a current signed agreement with Pitingaro & Doetsch Consulting Engineers, P.C. regarding the subject matter herein, then the terms and conditions of that agreement supersede any conflicting terms herein.

1. DOS/SOW TERMS & CONDITIONS

Pitingaro & Doetsch Consulting Engineers, P.C. will provide the services as specified in the DOS/SOW (“Services”) governed by the Terms and Conditions. In the event of a conflict between a term or condition in a DOS/SOW and those set forth here, these Terms and Conditions will govern unless explicitly superseded in the DOS/SOW or as otherwise stated in the preamble herein.

2. TERM & TERMINATION

The DOS/SOW begins on the date stated therein, or as otherwise mutually agreed between the Parties, and shall remain in effect for the term length stated in the DOS/SOW (“Services Period”). Either Party may notify the other in case of the other’s alleged breach of a material provision of this DOS/SOW. The recipient shall have thirty (30) days from the date of receipt of such notice to effect a cure. If the recipient of the notice fails to effect a cure within such period, then the sender of the notice shall have the option of sending a written notice of termination of the DOS/SOW, which notice shall take effect upon receipt.

3. DESCRIPTION OF SERVICES/STATEMENT OF WORK

Descriptions of the Services or DOS/SOW to be provided by Pitingaro & Doetsch Consulting Engineers, P.C. are set forth in the DOS/SOW. Services not set forth in the DOS/SOW, or specifically itemized as Additional Services, are excluded from the scope of Pitingaro & Doetsch Consulting Engineers, P.C.’s services, and Pitingaro & Doetsch Consulting Engineers, P.C. assumes no responsibility to perform such additional services under the base contract. If additional work becomes necessary during the course of the engagement, Pitingaro & Doetsch Consulting Engineers, P.C. may perform such Additional Services (“Additional Services”) in accordance with a written agreement between the Client and Pitingaro & Doetsch Consulting Engineers, P.C. setting forth the Additional Services and fees.

4. INVOICING

Pitingaro & Doetsch Consulting Engineers, P.C. shall submit invoices monthly, and payment in full is due upon presentation. Invoices not remitted within sixty (60) days shall be considered Past Due (“Past Due”).

5. REIMBURSABLE EXPENSES

Reimbursable expenses will be added to each monthly invoice. The Client shall pay Pitingaro & Doetsch Consulting Engineers, P.C. for reimbursable expenses, including printing costs, bulk/special mailings, express delivery service, application fees, laboratory charges, and other costs related specifically to the Client's project.

6. FEE DURATION

The proposed fees set forth in this Agreement shall be open for acceptance for sixty (60) days from the date of the proposal after which time the proposed fees may be adjusted independent of services, subject to agreement between the Client and Pitingaro & Doetsch Consulting Engineers, P.C. Adjustments in the hourly rates may be made annually in January to reflect increases in operational costs.

7. SUSPENSION OF SERVICES

Once a payment is Past Due, Client's non-payment shall be deemed to be in breach of this Agreement, or in breach of any other agreement between Client and Pitingaro & Doetsch Consulting Engineers, P.C. Pitingaro & Doetsch Consulting Engineers, P.C. may therefore suspend performance of services at any time. Once suspended, all project records will be archived, and Client shall be subject to a retrieval fee to reinstate any suspended project. Pitingaro & Doetsch Consulting Engineers, P.C. shall have no liability whatsoever to the Client for any costs or damages resulting from such suspension caused by any breach of this Agreement by the Client.

8. COLLECTION COSTS

In the event legal action is necessary to enforce the payment provisions of this Agreement, Pitingaro & Doetsch Consulting Engineers, P.C. shall be entitled to recover from the Client the reasonable attorneys' fees, court costs and expenses incurred by Pitingaro & Doetsch Consulting Engineers, P.C. in connection therewith.

9. INSURANCE

Pitingaro & Doetsch Consulting Engineers, P.C. shall maintain, at its own expense, Workers Compensation Insurance, Comprehensive General Liability Insurance and Professional Liability Insurance at all times and will, upon request, furnish insurance certificates to the Client.

10. OPINIONS OF PROBABLE COST

Any Opinions of Probable Cost ("Opinions of Probable Cost") prepared by Pitingaro & Doetsch Consulting Engineers, P.C. are only an opinion based on Your current knowledge and past experience. Pitingaro & Doetsch Consulting Engineers, P.C. cannot and does not make any attempt to predict future costs with any level of certainty. Opinions of Probable Cost are to be made based on the qualifications and experience of Pitingaro & Doetsch Consulting Engineers, P.C., and Pitingaro & Doetsch Consulting Engineers, P.C. will make every effort to do a reasonable and professional job. The Client understands that Pitingaro & Doetsch Consulting Engineers, P.C. has no control over costs or the price of labor, equipment or materials or the Contractor's method of pricing, and Pitingaro & Doetsch Consulting Engineers, P.C. therefore makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.

11. PROJECT CHANGE REQUEST

Either Party may request a modification to any material provision of the DOS/SOW by submitting a Project Change Request (“PCR”). Upon receipt of a PCR, Pitingaro & Doetsch Consulting Engineers, P.C. will estimate the financial and schedule impacts, if any. The Parties will review these estimates to determine whether the PCR would be mutually acceptable. If the Parties agree on the PCR, then Pitingaro & Doetsch Consulting Engineers, P.C. will attach the final PCR to the DOS/SOW. If the Parties are unable to agree within five (5) business days after the PCR is submitted, then the submitting Party may either withdraw the PCR or terminate the DOS/SOW with reasonable notice. If the DOS/SOW is terminated due to an inability to reach agreement on a PCR, the only payments due are for the services performed and expenses incurred by Pitingaro & Doetsch Consulting Engineers, P.C. prior to the effective termination date.

12. STANDARD OF CARE

Pitingaro & Doetsch Consulting Engineers, P.C. shall perform Services in a professional manner in accordance with generally accepted industry standards and with the care and skill ordinarily used by members of the same profession practicing under similar conditions at the same time based on facts and information available at the time Services are provided.

13. INTELLECTUAL PROPERTY

13.1 Ownership. Other than Pitingaro & Doetsch Consulting Engineers, P.C. Materials, Client shall own all intellectual property rights associated with the deliverables, works of authorship or other products developed or created and delivered by Pitingaro & Doetsch Consulting Engineers, P.C. to Client in the course of performing Services (“Work Product”), as well as Client’s derivative works thereof, subject to Client’s payment in full under such DOS/SOW and subject to Pitingaro & Doetsch Consulting Engineers, P.C.’s rights in the underlying intellectual property embodied therein or used by Pitingaro & Doetsch Consulting Engineers, P.C. to perform the Services.

13.2 Pitingaro & Doetsch Consulting Engineers, P.C. Materials Exclusion. “Pitingaro & Doetsch Consulting Engineers, P.C. Materials” means any materials developed by Pitingaro & Doetsch Consulting Engineers, P.C.: (i) prior to the Effective Date; (ii) other than in performance of this DOS/SOW; (iii) that are generally applicable to Pitingaro & Doetsch Consulting Engineers, P.C.’s services and are not unique to the business of Client or the DOS/SOW; or (iv) that are improvements to Pitingaro & Doetsch Consulting Engineers, P.C.’s internal processes, provided that such improvements or use thereof do not infringe on Client’s proprietary rights. Pitingaro & Doetsch Consulting Engineers, P.C. Materials may be included in or necessary for Client to use the Work Product but are excluded from Client’s ownership rights set forth in Section 13.1. Client shall not obliterate or remove but will reproduce Pitingaro & Doetsch Consulting Engineers, P.C.’s intellectual property notices contained in the Pitingaro & Doetsch Consulting Engineers, P.C. Materials.

14. CLIENT MATERIALS DELAY

Client acknowledges that Pitingaro & Doetsch Consulting Engineers, P.C.’s performance of the Services and delivery of the Work Product is contingent on Client’s timely delivery of any Client Materials (“Client Materials”) provided to Pitingaro & Doetsch Consulting Engineers, P.C. in connection with the Services. Client agrees that any reasonable scheduling or financial impacts caused by Client’s failure to deliver Client Materials within the specified time will be treated as a PCR.

15. RESERVATION OF RIGHTS

Pitingaro & Doetsch Consulting Engineers, P.C. and the Town of Pound Ridge reserves all rights not expressly granted to Client in these Terms and Conditions. Except as expressly stated, nothing herein shall be construed to (i) directly or indirectly grant to a receiving Party any title to or ownership of a providing Party's intellectual property rights in services or materials furnished by such providing Party hereunder; or (ii) preclude such providing Party from developing, marketing, using or otherwise freely utilizing services or materials that are similar to or related to the Services or materials provided hereunder.

16. PERSONNEL

Pitingaro & Doetsch Consulting Engineers, P.C. will determine the personnel assigned to perform the Services. Client may request in writing the replacement of Pitingaro & Doetsch Consulting Engineers, P.C. personnel.

17. BUSINESS HOURS

Services shall be performed by Pitingaro & Doetsch Consulting Engineers, P.C. from 8:00 A.M. until 5:00 P.M. in the local time zone where the Services are being performed by Pitingaro & Doetsch Consulting Engineers, P.C. Monday through Friday excluding local statutory holidays and any additional holidays that Pitingaro & Doetsch Consulting Engineers, P.C. grants to its employees, a list of which can be provided by Pitingaro & Doetsch Consulting Engineers, P.C. to Client prior to the commencement of the services.

18. PROCESS

The foregoing obligations are subject to the following: the indemnitee (i) notifies the indemnitor promptly in writing of such claim; (ii) grants the indemnitor sole control over the defense and settlement thereof; (iii) reasonably cooperates in response to an indemnitor request for assistance; and (iv) is not in material breach of these Terms and Conditions. Should such a claim be made, or in the indemnitor's opinion be likely to be made, the indemnitor may, at its option and expense; (a) procure for the indemnitee the right to make continued use thereof; (b) replace or modify such so that it becomes non-infringing; (c) request return of the subject material; or (d) discontinue the Services and refund the portion of any pre-paid services fee that corresponds to the period of Services discontinuation.

19. CONFIDENTIAL INFORMATION

"Confidential Information" means any information that is marked "confidential" or "proprietary" or any other similar term or in relation to which its confidentiality should by its nature be inferred. Confidential Information does not include information that is (i) rightfully in the receiving Party's possession without prior obligation of confidentiality from the disclosing Party; (ii) a matter of public knowledge (or becomes a matter of public knowledge other than through breach of confidentiality by the other Party); (iii) rightfully furnished to the receiving Party by a third party without confidentiality restriction; or (iv) independently developed by the receiving Party without reference to the disclosing Party's Confidential Information. Each Party shall (a) use Confidential Information of the other Party only for the purposes of exercising rights or performing obligations in connection with this Terms and Conditions or any DOS/SOW or hereunder; and (b) protect from disclosure to any third parties any Confidential Information disclosed by the other Party for a period commencing upon the date of disclosure until three (3) years thereafter, except with respect to Client data, which shall remain Confidential Information until one of the exceptions stated in the above definition of Confidential Information applies.

20. PUBLICITY

Client agrees that Pitingaro & Doetsch Consulting Engineers, P.C. may include Client's project in advertising and promotional materials.

21. NON-SOLICITATION

Client agrees that it shall not, during the term of any Agreement with Pitingaro & Doetsch Consulting Engineers, P.C. and for a period of **twelve (12) months** thereafter, either directly or indirectly solicit, approach, counsel or induce or attempt to induce any employee of Pitingaro & Doetsch Consulting Engineers, P.C. to terminate his/her/their employment with Pitingaro & Doetsch Consulting Engineers, P.C. for the purposes of entering into an employment relationship with Client. The term "Client" as used herein includes any of Client's affiliated, subsidiary or related business entities.

22. GENERAL

Where Services are performed in New York State, United States ("US"), the applicable DOS/SOW is governed by the laws of the State of New York, and each Party hereby expressly consents to the personal jurisdiction of either the State of New York courts or the United States District Courts located in the State of New York and agrees that any action relating to or arising out of the Terms and Conditions shall be instituted and prosecuted only in the Superior Court of the State of New York or the United States District Court for the Southern District of New York.

23. SURVIVAL

All express representations, indemnifications or limitations of liability made in or given in this Agreement will survive the completion of all Services of Pitingaro & Doetsch Consulting Engineers, P.C. under this Agreement or the termination of this Agreement for any reason.

24. ENTIRE AGREEMENT

This Agreement and any **Description of Services and Fee General Provisions of Contract** comprises the final and complete agreement between the Client and Pitingaro & Doetsch Consulting Engineers, P.C. It supersedes all prior or contemporaneous communications, representations or agreements, whether oral or written, relating to the subject matter of this Agreement. Execution of this Agreement signifies that each Party has read the document thoroughly, has had the opportunity to have questions explained by independent counsel and is satisfied with the Terms and Conditions contained herein. Amendments to this Agreement shall not be binding unless made in writing and signed by both the Client and Pitingaro & Doetsch Consulting Engineers, P.C. To the extent Client provides its own agreement and that agreement is silent with respect to any Term or Condition expressed herein, these Terms and Conditions shall prevail and shall be binding upon the Parties.

approved by
APPB 12/16/21

December 4, 2021

CB Don

Honorable Chairman Rudolph
and Members of the Planning Board
Town of Pound Ridge
179 Westchester Avenue
Pound Ridge, New York 10576

**SUBJECT: SUPPLEMENTAL RF ENGINEERING EVALUATION OF PROPOSED
VERISON WIRELESS MODIFICATIONS TO THE WIRELESS
SERVICES FACILITY AT 89 WESTCHESTER AVE IN POUND RIDGE,
NY**

Honorable Chairman Rudolph and Members of the Board:

This purpose of this report is to provide the Town Board with a summary of my review of the supplemental documents received related to the Verizon Wireless Application to modify the existing wireless services facility located at 89 Westchester Avenue in Pound Ridge. The supplemental documents received and reviewed in preparation for this report included:

1. American Tower Structural Analysis Report (October 27, 2021)
2. Telamon CLS Construction Drawings (October 26, 2021)
3. EBI Consulting Electromagnetic Energy Jurisdictional Report (November 29, 2021)

My review of the supplemental submissions is provided below.

A. American Tower Structural Analysis Report (October 27, 2021)

B. Telamon CLS Construction Drawings (October 26, 2021)

The Applicant was requested to revised these two sets of documentation to resolve the inconsistencies detailed below in my original report:

1. Equipment to be Removed: The analysis shows 3 x 1 5/8" Hybriflex cables being removed, while the CDs clearly show these cables are staying (C-401)
2. The structural analysis does not appear to take into account the 3 x 8 foot long mounts being proposed that are detailed in C-501 of the CDs.

Regarding item 1, the Hybriflex cables do not appear in the "Equipment to be Removed" section of the updated analysis. Regarding item 2, C-501 was updated in the CDs to show that the 8 foot long pipe mounts are existing, not proposed. Verizon will be replacing their existing antennas on these mounts with the proposed 5G antennas.

These two documents now appear to be consistent with each other.

C. EBI Consulting Electromagnetic Energy Jurisdictional Report (November 29, 2021)

The Applicant was requested to submit an FCC Compliance Assessment and Report to comply with §113-58.1(K) of the Town of Pound Ridge Zoning Code. This report was submitted in response to this request. My analysis of the report is provided below:

SUPPLEMENTAL RF ENGINEERING EVALUATION OF PROPOSED VERIZON WIRELESS MODIFICATIONS TO THE WIRELESS SERVICES FACILITY AT 89 WESTCHESTER AVE IN POUND RIDGE, NY

Technical Parameters – Limited technical parameters were provided – basically only the antenna details for Verizon, which are consistent with the other documentation provided. Assumptions were made for the other carriers on the pole (AT&T and T-Mobile), and the Public Safety antennas on top of the tower were not accounted for. A statement was made within the report of utilizing “worst case” assumptions were actual data was not available.

Calculations – The RF Exposure calculations were done in accordance with the FCC OET Bulletin 65, which is the standard for performing such analyses.

RF Exposure Results and Conclusions – The analysis performed shows that the 89 Westchester Ave emissions, including all occupants, do not exceed 0.35% of the maximum permissible exposure level defined in OET Bulletin 65 for the general population – well within the acceptable range.

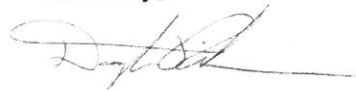
As the calculated compliance level is less than 5% of the limit, Verizon is not required to include all of the other transmitters in their analysis (Ref. *“Multiple-Transmitter Sites and Complex Environments”*, FCC OET Bulletin 65). Therefore, this analysis is acceptable.

Summary and Recommendations

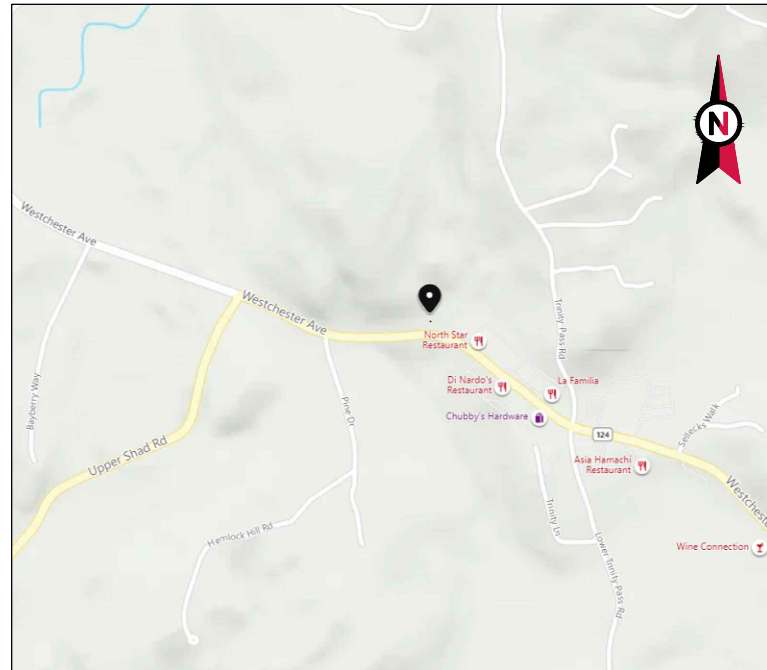
The Verizon Wireless submission now appears to be complete and acceptable from an RF Engineering standpoint.

Please feel free to reach out to me with any questions or comments.

Sincerely,



Douglas Fishman
RF Engineering Consultant
(201) 218-6848



VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: LIONS AMBULANCE
 ATC SITE NUMBER: 373361
 VERIZON SITE NAME: SOUTH POUND RIDGE - 89
 WESTCHESTER AVENU
 VERIZON SITE NUMBER: 144971
 SITE ADDRESS: 89 WESTCHESTER AVE.
 POUND RIDGE, NY 10576



LOCATION MAP

VERIZON ANTENNA AMENDMENT PLAN



319 CHAPANOKE RD, SUITE 118
 RALEIGH, NC 27603
 PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/22/21
0	FOR CONSTRUCTION	JRL	07/06/21
1	CLIENT COMMENT	MH	10/26/21

ATC SITE NUMBER:
 373361
 ATC SITE NAME:
 LIONS AMBULANCE
 VERIZON SITE NAME:
 SOUTH POUND RIDGE - 89
 WESTCHESTER AVENU
 SITE ADDRESS:
 89 WESTCHESTER AVE.
 POUND RIDGE, NY 10576

SEAL:

Tyler M. Barker
 Old Sorrell Engineering PLLC
 PE # 098117-1 Exp. 2/28/2023
 COA # 18631 Exp. 1/31/2024

It is a violation of Section 7209 of Article 145 of NY State Education Law for any person to alter any document that bears the seal of a professional engineer unless that person is acting under the direction of a licensed professional engineer.



DATE DRAWN:	07/06/21
ATC JOB NO:	13671572_D1
CUSTOMER ID:	SOUTH POUND RIDGE - 89 WESTCHESTER AVENU
CUSTOMER #:	144971

TITLE SHEET	
SHEET NUMBER: G-001	REVISION: 1

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX					
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1. 2018 INTERNATIONAL BUILDING CODE (IBC) 2. 2017 NATIONAL ELECTRIC CODE (NEC) 3. 2020 NEW YORK BUILDING CODE 4. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 89 WESTCHESTER AVE. POUND RIDGE, NY 10576 COUNTY: WESTCHESTER <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.19177778 LONGITUDE: -73.55405556 GROUND ELEVATION: 409' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: <u>TOWER WORK:</u> REMOVE (6) ANTENNA(S) AND (6) RRH(S) INSTALL (6) ANTENNA(S) AND (9) RRH(S) EXISTING (6) ANTENNA(S), (3) OVP(S) AND (3) 6X12 HYBRID CABLE(S) TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:	
	<u>PROJECT TEAM</u> <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> CLS ENGINEERING PLLC 319 CHAPANOKE RD, SUITE 118 RALEIGH, NC 27603 PH: (405) 348-5460 FAX: (405) 341-4625 <u>PROPERTY OWNER:</u> POUND RIDGE LIONS AMBULANCE CORP 89 WESTCHESTER AVE. POUND RIDGE, NY 10576	<u>PROJECT NOTES</u> 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	G-001 TITLE SHEET G-002 GENERAL NOTES C-101 DETAILED SITE PLAN C-201 TOWER ELEVATION C-401 ANTENNA INFORMATION & SCHEDULE C-501 CONSTRUCTION DETAILS E-501 GROUNDING DETAILS R-601 SUPPLEMENTAL R-602 SUPPLEMENTAL					
	<u>PROJECT TEAM</u> <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> CLS ENGINEERING PLLC 319 CHAPANOKE RD, SUITE 118 RALEIGH, NC 27603 PH: (405) 348-5460 FAX: (405) 341-4625 <u>PROPERTY OWNER:</u> POUND RIDGE LIONS AMBULANCE CORP 89 WESTCHESTER AVE. POUND RIDGE, NY 10576	<u>PROJECT LOCATION DIRECTIONS</u> HEAD SOUTHWEST ON I-95 S. TAKE EXIT 2 TOWARD DELAVAN AVE/BYRAM. CONTINUE ONTO FRONTAGE RD. TURN RIGHT ONTO BYRAM RD. CONTINUE ONTO HILLSIDE AVE. CONTINUE STRAIGHT TO STAY ON HILLSIDE AVE. CONTINUE ONTO PUTNAM AVE. TURN RIGHT ONTO NY-120A N/KING ST. TURN LEFT TO MERGE ONTO HUTCHINSON RIVER PKWY N. MERGE ONTO HUTCHINSON RIVER PKWY N. CONTINUE ONTO CT-15 N. TAKE EXIT 35 FOR CT-137 N. TURN LEFT ONTO CT-137 N/HIGH RIDGE RD. CONTINUE TO FOLLOW HIGH RIDGE RD. TURN RIGHT ONTO UPPER SHAD RD. TURN RIGHT ONTO WESTCHESTER AVE. DESTINATION WILL BE ON THE LEFT.						



GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
 - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
 - B. AC/TELCO INTERFACE BOX (PPC)
 - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
 - D. TOWERS, MONOPOLES
 - E. TOWER LIGHTING
 - F. GENERATORS & LIQUID PROPANE TANK
 - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
 - H. ANTENNAS (INSTALLED BY OTHERS)
 - I. TRANSMISSION LINE
 - J. TRANSMISSION LINE JUMPERS
 - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
 - L. TRANSMISSION LINE GROUND KITS
 - M. HANGERS
 - N. HOISTING GRIPS
 - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
 - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
 - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.
 - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS
 - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
 - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
 - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
 - G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



319 CHAPANOKE RD, SUITE 118
 RALEIGH, NC 27603
 PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/22/21
0	FOR CONSTRUCTION	JRL	07/06/21
1	CLIENT COMMENT	MH	10/26/21

ATC SITE NUMBER:
373361

ATC SITE NAME:
LIONS AMBULANCE

VERIZON SITE NAME:
SOUTH POUND RIDGE - 89
WESTCHESTER AVENUE
 SITE ADDRESS:
 89 WESTCHESTER AVE.
 POUND RIDGE, NY 10576

SEAL:

Tyler M. Barker
 Old Sorrell Engineering PLLC *10/26/2021*
 PE # 098117-1 Exp. 2/28/2023
 COA # 18631 Exp. 1/31/2024

It is a violation of Section 7209 of Article 145 of NY State Education Law for any person to alter any document that bears the seal of a professional engineer unless that person is acting under the direction of a licensed professional engineer.

DATE DRAWN:	07/06/21
ATC JOB NO:	13671572_D1
CUSTOMER ID:	SOUTH POUND RIDGE - 89 WESTCHESTER AVENUE
CUSTOMER #:	144971

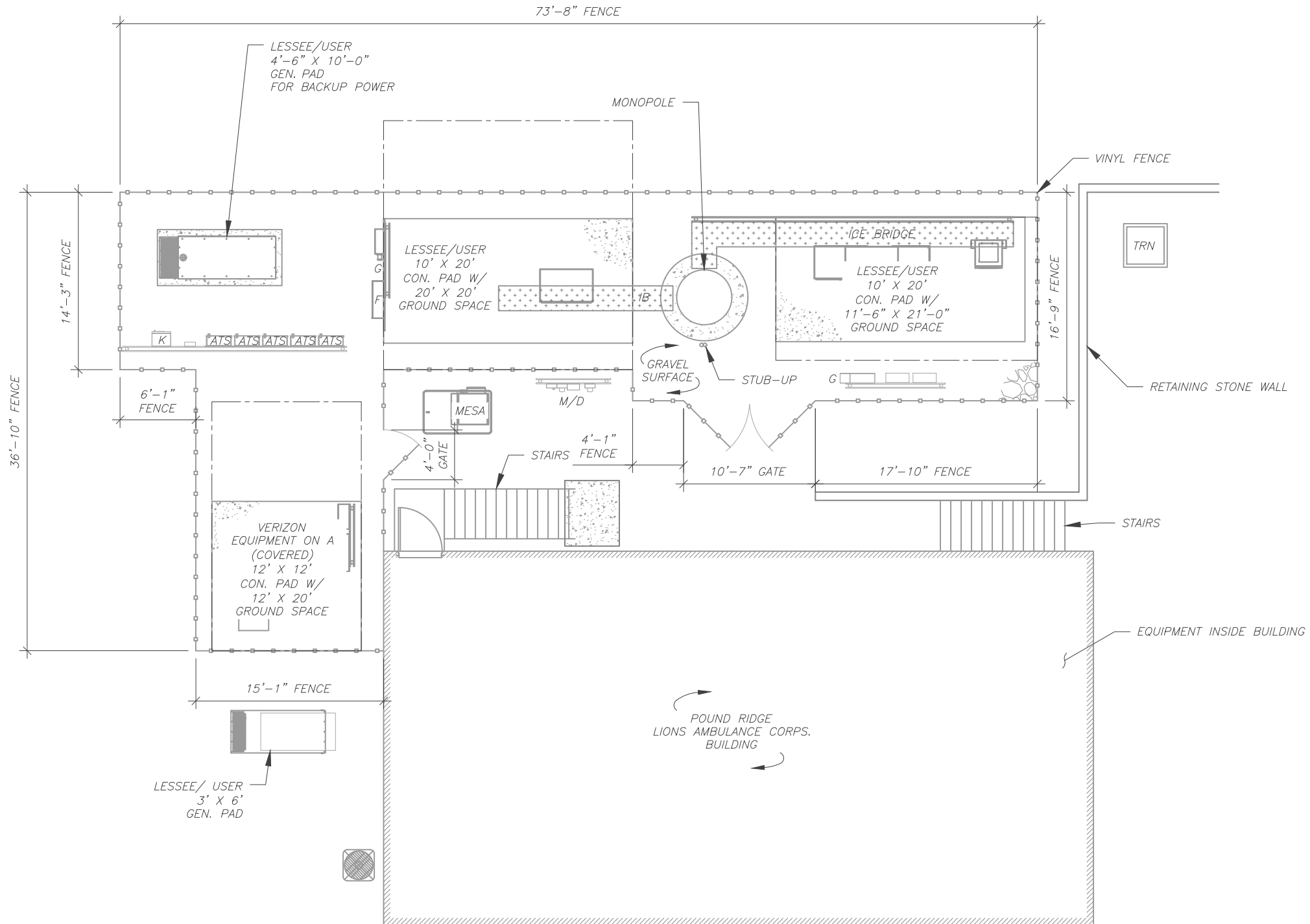
GENERAL NOTES	
SHEET NUMBER: G-002	REVISION: 1

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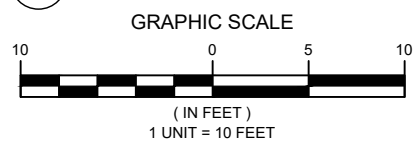
SITE PLAN NOTES:

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
— x —	CHAINLINK FENCE



1 DETAILED SITE PLAN



319 CHAPANOKE RD, SUITE 118
 RALEIGH, NC 27603
 PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/22/21
0	FOR CONSTRUCTION	JRL	07/06/21
1	CLIENT COMMENT	MH	10/26/21

ATC SITE NUMBER:
373361

ATC SITE NAME:
LIONS AMBULANCE

VERIZON SITE NAME:
SOUTH POUND RIDGE - 89

WESTCHESTER AVENUE
 SITE ADDRESS:
 89 WESTCHESTER AVE.
 POUND RIDGE, NY 10576



Tyler M. Barker
 Old Sorrell Engineering PLLC 10/26/2021
 PE # 098117-1 Exp. 2/28/2023
 COA # 18631 Exp. 1/31/2024

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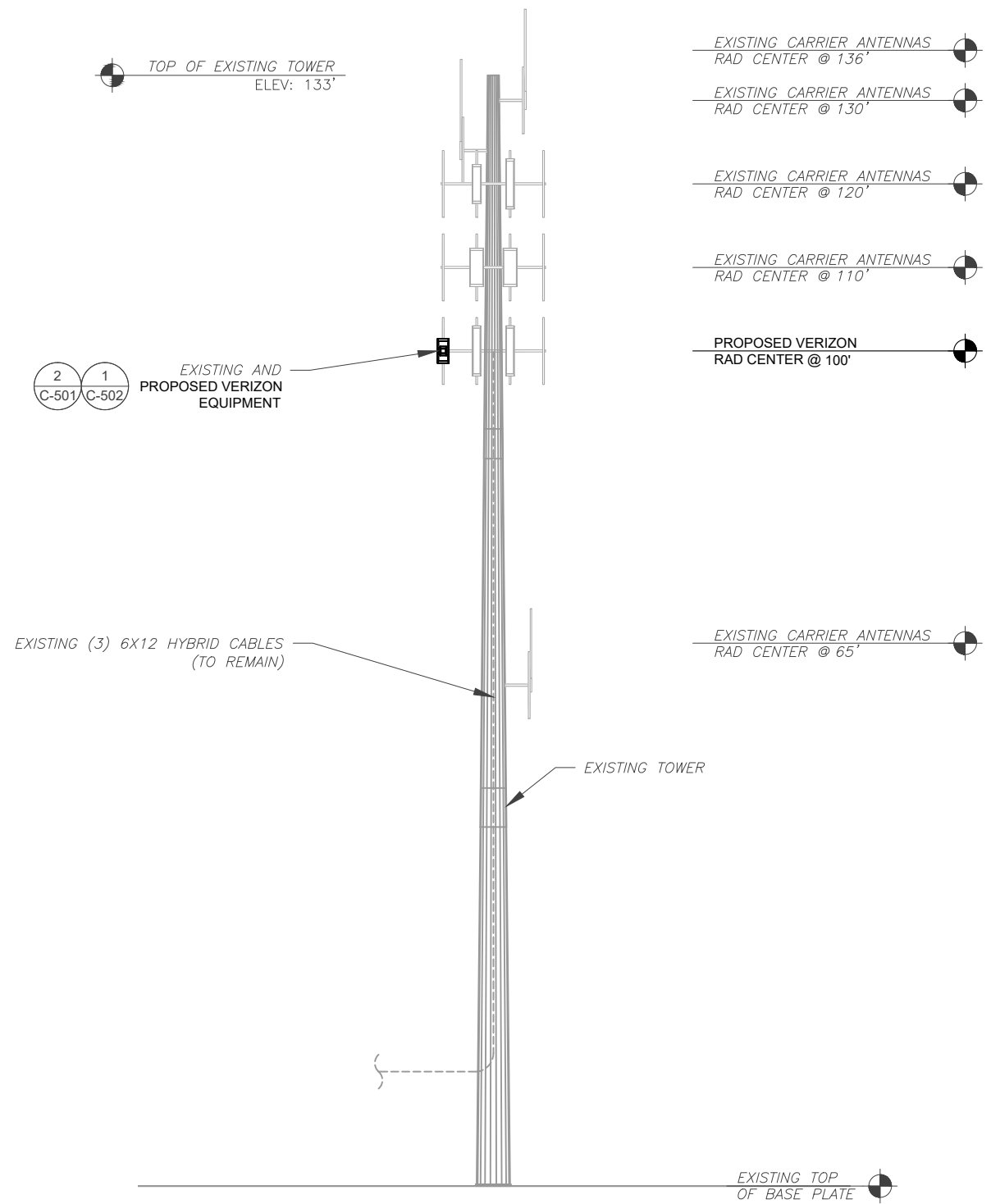


DATE DRAWN:	07/06/21
ATC JOB NO:	13671572_D1
CUSTOMER ID:	SOUTH POUND RIDGE - 89 WESTCHESTER AVENUE
CUSTOMER #:	144971

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	1

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PER MOUNT ANALYSIS COMPLETED BY AMERICAN TOWER CORPORATION, DATED APRIL 30, 2021, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING

- TOWER NOTE:**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
 - WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
 - ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
 - TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

1 TOWER ELEVATION
SCALE: N.T.S.



319 CHAPANOKE RD, SUITE 118
RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/22/21
0	FOR CONSTRUCTION	JRL	07/06/21
1	CLIENT COMMENT	MH	10/26/21

ATC SITE NUMBER:
373361

ATC SITE NAME:
LIONS AMBULANCE

VERIZON SITE NAME:
SOUTH POUND RIDGE - 89

WESTCHESTER AVENU
SITE ADDRESS:
89 WESTCHESTER AVE.
POUND RIDGE, NY 10576



Tyler M. Barker
Old Sorrell Engineering PLLC **10/26/2021**
PE # 098117-1 Exp. 2/28/2023
COA # 18631 Exp. 1/31/2024

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DATE DRAWN:	07/06/21
ATC JOB NO:	13671572_D1
CUSTOMER ID:	SOUTH POUND RIDGE - 89 WESTCHESTER AVENU
CUSTOMER #:	144971

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	1

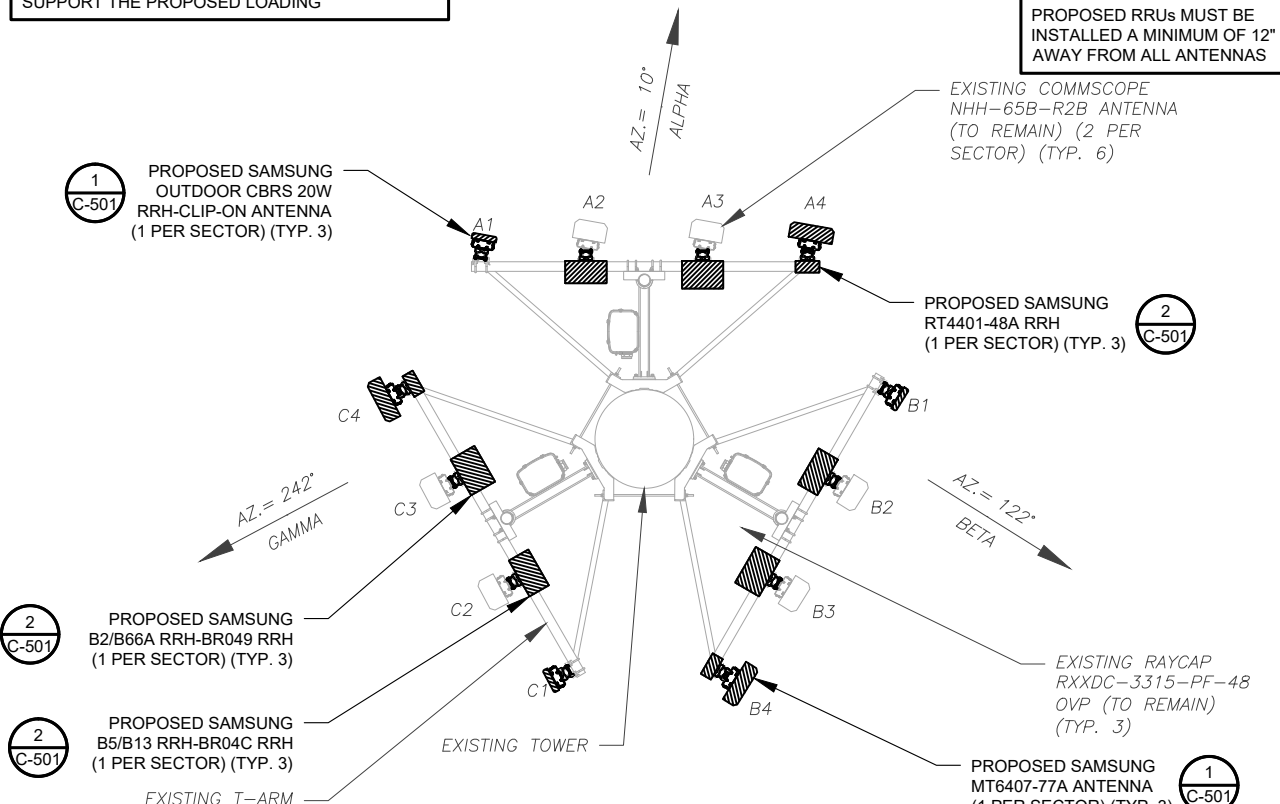
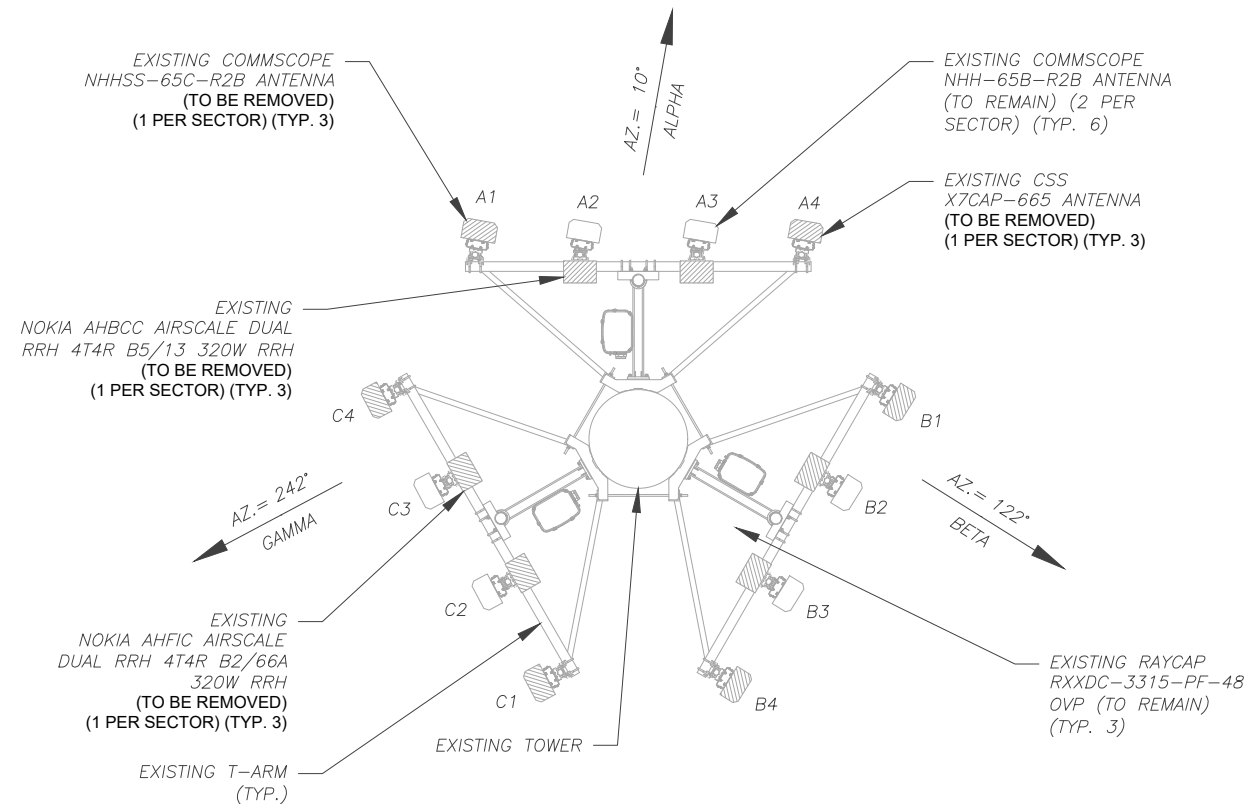
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EXISTING CONFIGURATIONS ARE BASED ON RFDS.
CONTRACTOR TO VERIFY EXISTING CONDITIONS.

PER MOUNT ANALYSIS COMPLETED BY AMERICAN
TOWER CORPORATION, DATED APRIL 30, 2021,
THE EXISTING MOUNT CAN ADEQUATELY
SUPPORT THE PROPOSED LOADING

CONTRACTOR SHALL RE-ORIENT ANTENNA MOUNT(S) AS
NECESSARY TO ACHIEVE PROPOSED ANTENNA AZIMUTHS

PROPOSED RRUs MUST BE
INSTALLED A MINIMUM OF 12"
AWAY FROM ALL ANTENNAS



1 EXISTING ANTENNA PLAN
SCALE: N.T.S.

2 FINAL ANTENNA PLAN
SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE									
LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	100'	10°	A1	COMMSCOPE NHHSS-65C-R2B	-	-	RMV	-	-
			A2	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850	0/0	RMN	NOKIA AHBCC AIRSCALE DUAL RRH 4T4R B5/13 320W	RMV
			A3	COMMSCOPE NHH-65B-R2B	LTE 1900/LTE 2100	0/0	RMN	NOKIA AHFIC AIRSCALE DUAL RRH 4T4R B2/B66A 320W	RMV
			A4	CSS X7CAP-665	-	-	RMV	-	-
BETA	100'	122°	B1	COMMSCOPE NHHSS-65C-R2B	-	-	RMV	-	-
			B2	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850	0/0	RMN	NOKIA AHBCC AIRSCALE DUAL RRH 4T4R B5/13 320W	RMV
			B3	COMMSCOPE NHH-65B-R2B	LTE 1900/LTE 2100	0/0	RMN	NOKIA AHFIC AIRSCALE DUAL RRH 4T4R B2/B66A 320W	RMV
			B4	CSS X7CAP-665	-	-	RMV	-	-
GAMMA	100'	242°	C1	COMMSCOPE NHHSS-65C-R2B	-	-	RMV	-	-
			C2	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850	0/0	RMN	NOKIA AHBCC AIRSCALE DUAL RRH 4T4R B5/13 320W	RMV
			C3	COMMSCOPE NHH-65B-R2B	LTE 1900/LTE 2100	0/0	RMN	NOKIA AHFIC AIRSCALE DUAL RRH 4T4R B2/B66A 320W	RMV
			C4	CSS X7CAP-665	-	-	RMV	-	-

NOTES

- CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
- CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

EXISTING ANTENNA SCHEDULE									
LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	100'	10°	A1	SAMSUNG OUTDOOR CBRS 20W RRH-CLIP-ON	LTE CBRS	0/8	ADD	-	-
			A2	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850/LTE 1900/LTE 2100	0/0	RMN	SAMSUNG B5/B13 RRH-BR04C	ADD
			A3	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850/LTE 1900/LTE 2100	0/0	RMN	SAMSUNG B2/B66A RRH-BR049	ADD
			A4	SAMSUNG MT6407-77A	5G L-SUB6	0/3	ADD	SAMSUNG RT4401-48A	ADD
BETA	100'	122°	B1	SAMSUNG OUTDOOR CBRS 20W RRH-CLIP-ON	LTE CBRS	0/8	ADD	-	-
			B2	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850/LTE 1900/LTE 2100	0/0	RMN	SAMSUNG B5/B13 RRH-BR04C	ADD
			B3	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850/LTE 1900/LTE 2100	0/0	RMN	SAMSUNG B2/B66A RRH-BR049	ADD
			B4	SAMSUNG MT6407-77A	5G L-SUB6	0/3	ADD	SAMSUNG RT4401-48A	ADD
GAMMA	100'	242°	C1	SAMSUNG OUTDOOR CBRS 20W RRH-CLIP-ON	LTE CBRS	0/8	ADD	-	-
			C2	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850/LTE 1900/LTE 2100	0/0	RMN	SAMSUNG B5/B13 RRH-BR04C	ADD
			C3	COMMSCOPE NHH-65B-R2B	LTE 700/LTE 850/5G NR 850/LTE 1900/LTE 2100	0/0	RMN	SAMSUNG B2/B66A RRH-BR049	ADD
			C4	SAMSUNG MT6407-77A	5G L-SUB6	0/3	ADD	SAMSUNG RT4401-48A	ADD

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(3) RAYCAP RXXDC-3315-PF-48 OVP	RMN	-	(3) 6X12 HYBRID	RMN

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(3) RAYCAP RXXDC-3315-PF-48 OVP	RMN	-	(3) 6X12 HYBRID	RMN

3 EQUIPMENT SCHEDULES



319 CHAPANOKE RD, SUITE 118
RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/22/21
0	FOR CONSTRUCTION	JRL	07/06/21
1	CLIENT COMMENT	MH	10/26/21

ATC SITE NUMBER:
373361

ATC SITE NAME:
LIONS AMBULANCE

VERIZON SITE NAME:
SOUTH POUND RIDGE - 89
WESTCHESTER AVENUE
SITE ADDRESS:
89 WESTCHESTER AVE.
POUND RIDGE, NY 10576



Tyler M. Barker
Old Sorrell Engineering PLLC
PE # 098117-1 Exp. 2/28/2023
COA # 18631 Exp. 1/31/2024



DATE DRAWN:	07/06/21
ATC JOB NO:	13671572_D1
CUSTOMER ID:	SOUTH POUND RIDGE - 89 WESTCHESTER AVENUE
CUSTOMER #:	144971

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	C-401	REVISION:	1
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0	FOR CONSTRUCTION	JRL	07/06/21
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VERIZON SITE NAME:
SOUTH POUND RIDGE - 89
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SEAL:



Tyler M. Barker
 Old Sorrell Engineering PLLC 10/26/2021
 PE # 098117-1 Exp. 2/28/2023
 COA # 18631 Exp. 1/31/2024

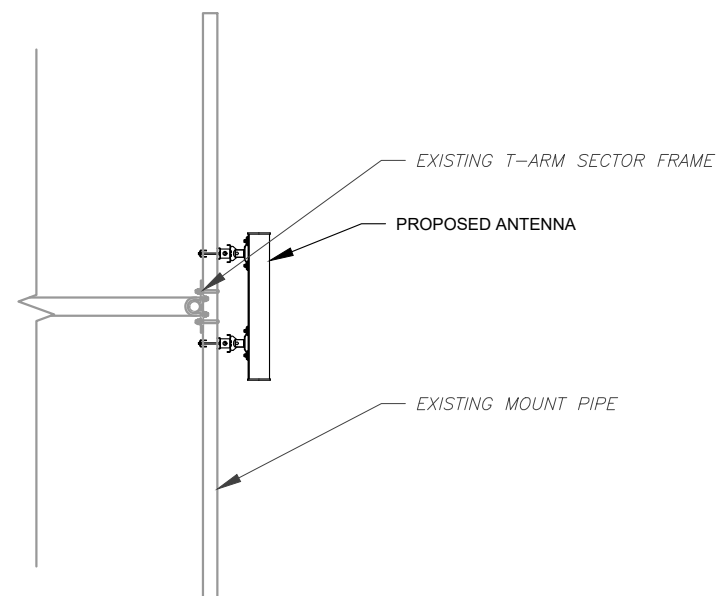
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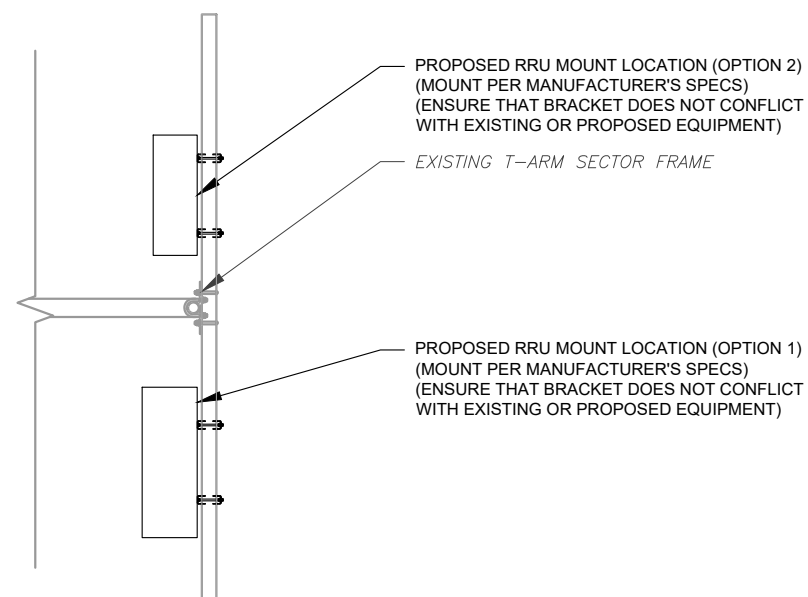
DATE DRAWN:	07/06/21
ATC JOB NO:	13671572_D1
CUSTOMER ID:	SOUTH POUND RIDGE - 89 WESTCHESTER AVENU
CUSTOMER #:	144971

CONSTRUCTION
DETAILS

SHEET NUMBER:	REVISION:
C-501	1

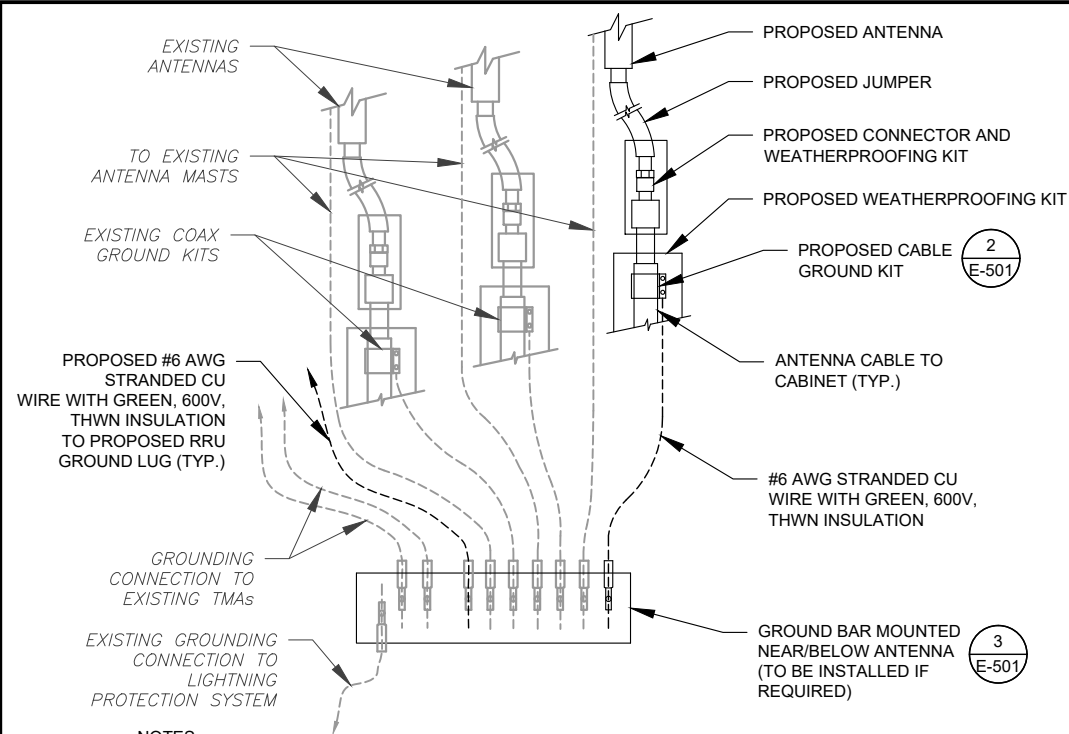


1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
 SCALE: N.T.S.



2 PROPOSED RRU MOUNTING DETAIL - TYPICAL
 SCALE: N.T.S.

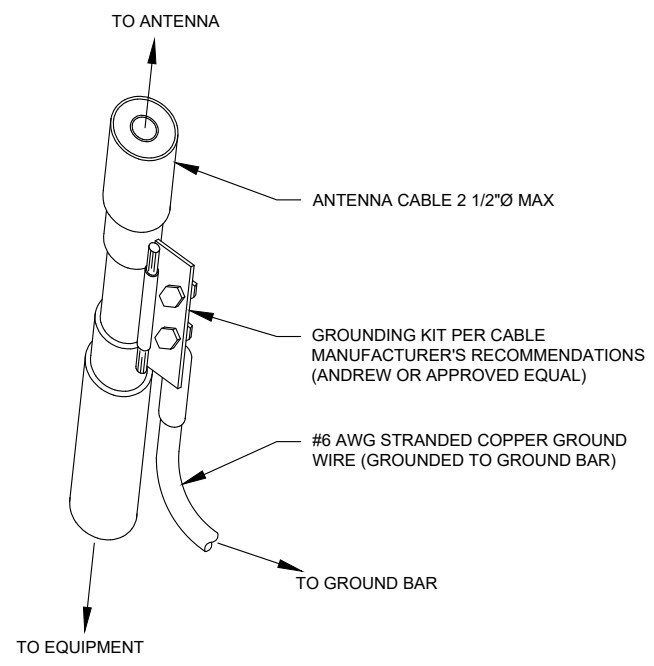
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NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

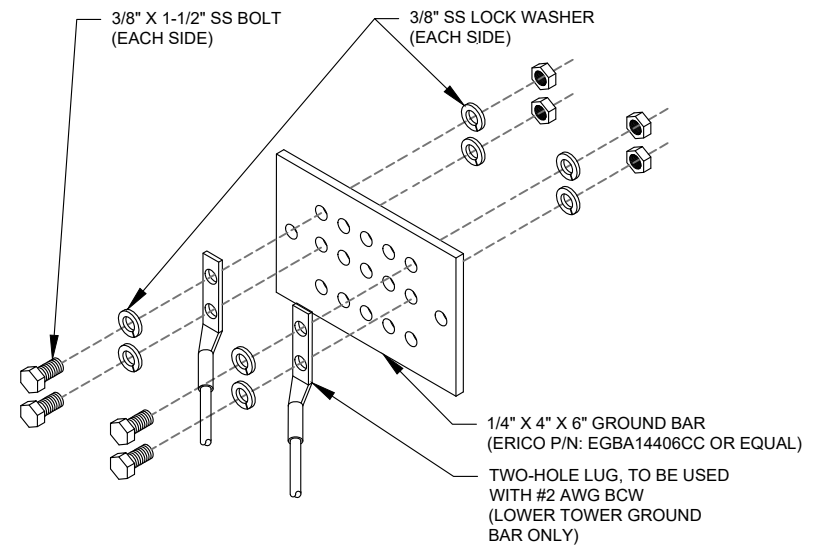
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.

AMERICAN TOWER®

telamon CLS

319 CHAPANOKE RD, SUITE 118
RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/22/21
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1	CLIENT COMMENT	MH	10/26/21

ATC SITE NUMBER:
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ATC SITE NAME:
LIONS AMBULANCE

VERIZON SITE NAME:
SOUTH POUND RIDGE - 89

WESTCHESTER AVENUE
SITE ADDRESS:
89 WESTCHESTER AVE.
POUND RIDGE, NY 10576

SEAL:

Tyler M. Barker
Old Sorrell Engineering PLLC 10/26/2021
PE # 098117-1 Exp. 2/28/2023
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DATE DRAWN: 07/06/21

ATC JOB NO: 13671572_D1

CUSTOMER ID: SOUTH POUND RIDGE - 89 WESTCHESTER AVENUE

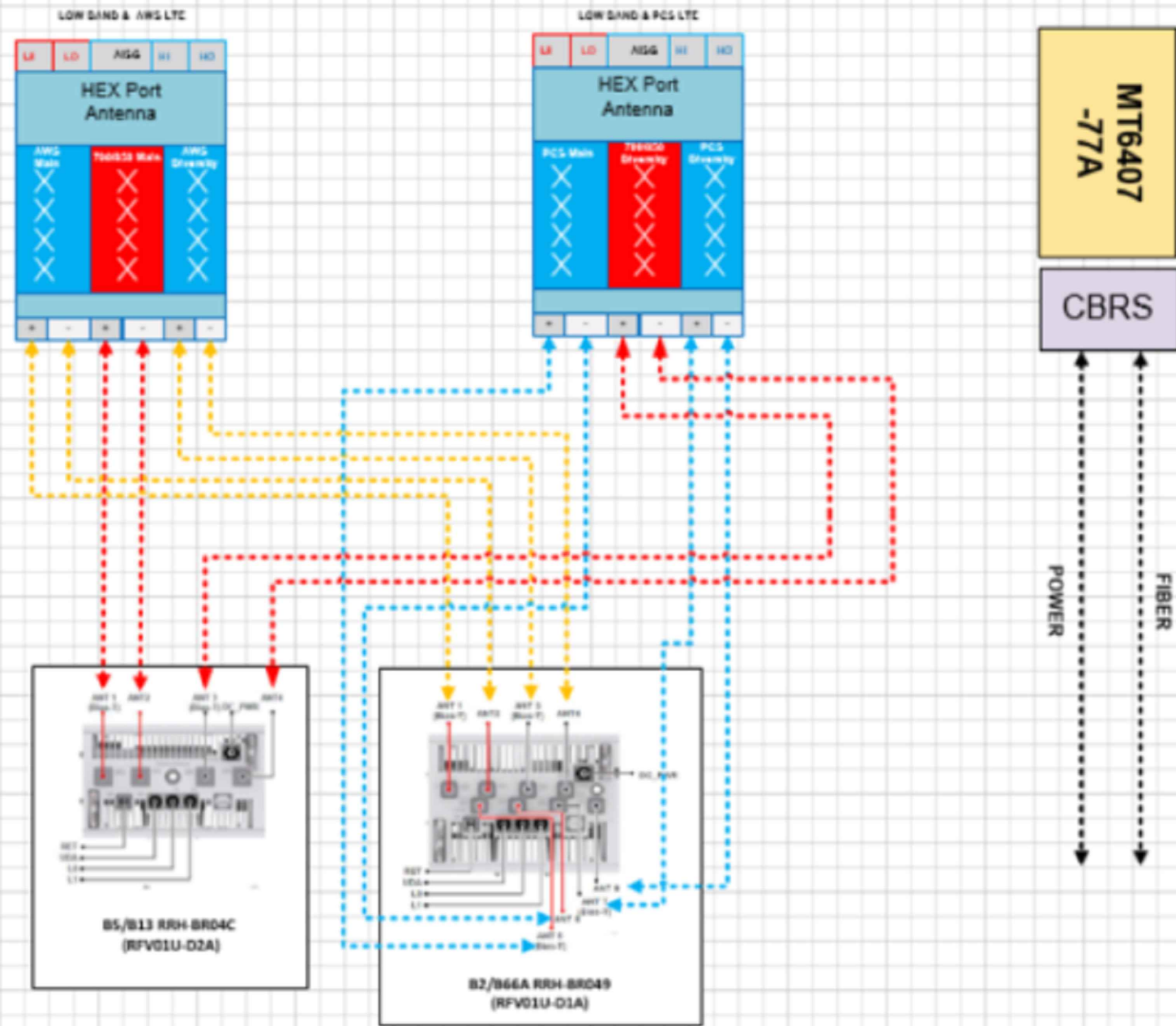
CUSTOMER #: 144971

GROUNDING DETAILS

SHEET NUMBER: E-501	REVISION: 1
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ALPHA, BETA & GAMMA



SUPPLEMENTAL

SHEET NUMBER: R-601
 REVISION: -



This report was completed by EOR and commissioned for American Tower Corporation by



Antenna Mount Analysis Report

ATC Site Name : Lions Ambulance
ATC Site Number : 373361
Engineering Number : 13671572_C8_01
Mount Elevation : 100 ft
Carrier : VERIZON WIRELESS
Carrier Site Name : SOUTH POUND RIDGE - 89 Westchester Avenu
Carrier Site Number : 144971
Site Location : 89 Westchester Ave.
Pound Ridge, NY 10573
41.19177778, -73.55405556
County : Westchester
Date : April 30, 2021
Max Usage : 99 %
Result : Pass

Jason G. Cheronis P.E.



4/30/2021

Commissioned By: POD GROUP - 1033 E. Turkeyfoot Lake Road, Suite 206 - Akron, OH 44312 - 330-961-7432 - www.podgrp.com

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.

SUPPLEMENTAL

SHEET NUMBER:
R-602

REVISION:
-



Structural Evaluation		
ATC Site Number & Name	373361 Lions Ambulance, NY	Reviewed By:
Carrier Site Number & Name	144971 SOUTH POUND RIDGE - 89 Westchester Avenu	
Site Location	89 Westchester Ave. Pound Ridge, NY 10576-0000, Westchester County 41.1918 N / 73.5541 W	
Tower Description	133 ft Monopole	
Basic Wind Speed Basic Wind w/ Ice Applicable Code	116 mph (3-second gust) 50 mph (3-second gust) w/1" radical ice concurrent ANSI/TIA-222-H / 2018 IBC / 2020 New York Building Code	
Evaluation Results: The loading in the tables below was evaluated with respect to the tower and foundation capacities. As future loading is added, or if actual loading is different from these tables, re-evaluation shall be required. This tower and foundation are adequate to support the below loads in conformance with specified requirements.		Created By: Lucastait

Existing and Reserved Equipment

Elev. ¹ (ft)	Qty	Antenna	Mount Type	Lines	Carrier
136.0	2	Generic 14' Omni	Stand Off	(3) 7/8" Coax (1) 1/2" Coax	CITY OF POUND RIDGE, NY
130.0	1	Andrew DB201-L			
	1	Commscope DB222-A			
120.0	3	Ericsson RRUS-11	T-Arm	(1) 1 5/8" (1.63"-41.3mm) Fiber (12) 1 5/8" Coax (1) 3/8" (0.38"-9.5mm) RET Control Cable	T-MOBILE
	3	RFS APX16DWV-16DWVS-C			
	3	Ericsson RRUS 11 B12			
	3	Ericsson RRUS 01			
	3	Ericsson KRY 112 144/1			
	3	Commscope SBNH-1D65C.TMO			
110.0	3	Nokia AirScale RRH 4T4R B5 160W AHCA	T-Arm	(2) 0.39" (10mm) Fiber Trunk (4) 0.78" (19.7mm) 8 AWG 6 (18) 1 5/8" Coax (1) 2" conduit	AT&T MOBILITY
	2	Raycap DC6-48-60-18-8F ("Squid")			
	3	Alcatel-Lucent RRH2x40W-07L (700)			
	3	Alcatel-Lucent RRH4x25-WCS-4R			
	3	Andrew DBXNH-6565A-A2M			
	6	Commscope NNHH-65A-R4			
100.0	3	Raycap RxxDC-3315-PF-48	T-Arm	(3) 1 5/8" Hybriflex	VERIZON WIRELESS
	6	Commscope NHH-65B-R2B			
65.0	1	Andrew DB201-L	Stand-Off	(1) 1/2" Coax	CITY OF POUND RIDGE, NY

Equipment to be Removed

Elev. ¹ (ft)	Qty	Antenna	Mount Type	Lines	Carrier
100.0	3	Nokia AHBCC AirScale Dual RRH 4T4R B5/13 320W	-	-	VERIZON WIRELESS
	3	Commscope NHHSS-65C-R2B			
	3	CSS X7CAP-665			
	3	Nokia AHFIC AirScale Dual RRH 4T4R B2/66a 320W			



Proposed Equipment

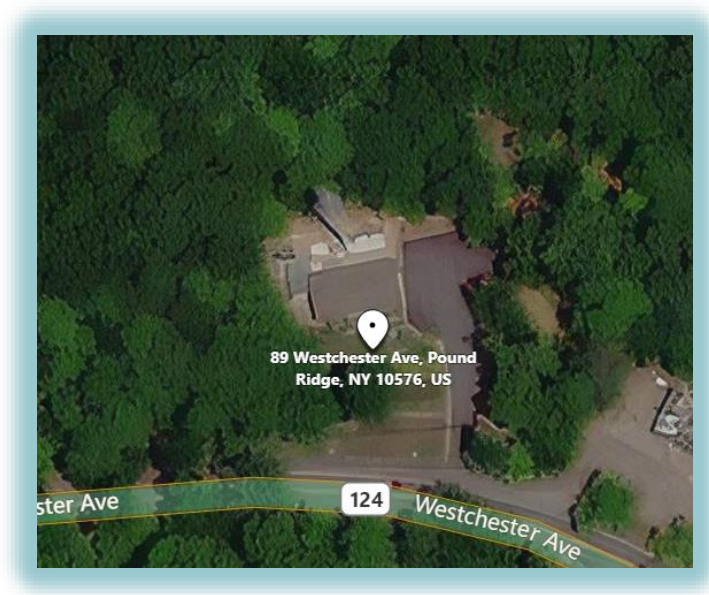
Elev. ¹ (ft)	Qty	Antenna	Mount Type	Lines	Carrier
100.0	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	T-Arm	-	VERIZON WIRELESS
	3	Samsung RT4401-48A			
	3	Samsung B2/B66A RRH-BR049			
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung MT6407-77A			

¹ Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Radio Frequency - Electromagnetic Energy (RF-EME) Jurisdictional Report

Site No. 144971
South Pound Ridge
89 Westchester Avenue
Pound Ridge, New York 10576
Westchester County
41° 11' 29.80" N, -73° 33' 14.20" W NAD83

EBI Project No. 6221007158
November 29, 2021



Prepared for:
Verizon Wireless
4 Centerock Road
West Nyack, NY 10994

Prepared by:
 **EBI Consulting**
environmental | engineering | due diligence

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EXECUTIVE SUMMARY

Purpose of Report

EnviroBusiness Inc. (dba EBI Consulting) has been contracted by Verizon Wireless to conduct radio frequency electromagnetic (RF-EME) modeling for Verizon Wireless' upgrade to an existing facility ("Facility") located on the existing monopole at 89 Westchester Avenue in Pound Ridge, New York ("Site") to determine RF-EME exposure levels from proposed Verizon Wireless communications equipment at this Site. As described in greater detail in Appendix C of this report, the Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) Limits for the general population and for occupational activities. The FCC requires wireless system operators to perform an assessment of potential human exposure to RF fields emanating from all transmitting antennas at a site whenever antenna operations are added or modified, and to ensure compliance with the MPE limit in the FCC regulations. This report summarizes the results of RF-EME modeling in relation to relevant FCC RF-EME regulations/compliance standards.

This report describes modeling calculations of RF levels associated with the proposed antennas. We have performed these modeling calculations at roof level and at street level employing standard FCC mathematical models for calculating the effects of the antennas in a conservative manner. Therefore, our results provide worst-case RF levels to ensure the conclusions are conservative with regard to compliance with the FCC limit for safe continuous exposure.

Statement of Compliance

In this case, there are other existing antenna carriers at the Site included in the compliance assessment. Note that FCC regulations require any future antenna collocators to assess and assure continuing compliance based on the cumulative effects of all then-proposed and then-existing antennas at the Site. As presented in the sections below, our conclusions are based on worst-case modeling calculations related to the existing and proposed antennas.

At ground level, the maximum cumulative exposure level from all carriers at this Site is approximately 0.35 percent of the FCC's general population limit (0.07 percent of the FCC's occupational limit). At roof level, as Verizon Wireless antennas are to be attached to the side of the building facing away from the roof, the RF emissions from such antennas do not impact any areas on the roof. Notwithstanding, workers climbing/accessing the monopole should be informed about the presence and locations of antennas and their associated fields. Due to the use of such conservative calculations for purposes of our analysis, it should be noted that the exposure levels actually caused by the antennas will likely be less significant than the calculated results herein.

As the site is in compliance with applicable FCC limits as designed, there are no additional control measures required (See Section 4.0). Notwithstanding, it is also recommended that in connection with a lockout/tagout procedure, any non-Verizon Wireless worker/contractor who will be working on the monopole contact Verizon Wireless since only Verizon Wireless has the ability to lockout/tagout the Facility, or to authorize others to do so.

1.0 INTRODUCTION

Verizon Wireless' public utility wireless communications facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send and receive the wireless signals created by the transceivers to be most commonly received by individual

subscriber units (wireless telephones). Transceivers are typically connected to antennas by fiber or coaxial cables.

Because of the short wavelength of the radio waves used in wireless services, the antennas require line-of-site paths for good propagation, and are typically installed a distance above ground level, affording a larger line of sight area. Antennas are constructed to propagate towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of such facilities, typically results in no exposure approaching Maximum Permissible Exposure (MPE) levels, with the exception of areas in close proximity in front of the antennas.

Emissions at or below MPE limits do not represent any health risk, since they are designed to provide a substantial margin of safety. Importantly, such limits are calculated to allow for continuous exposures, including a prudent margin of safety for all persons, regardless of age, gender, size or health.

2.0 SITE DESCRIPTION

This project site includes the following proposed wireless telecommunication antennas on a monopole located at 89 Westchester Avenue in Pound Ridge, New York.

Ant #	NAME	Antenna Radiation Centerline	Antenna Model
1	Verizon	100.0	NHH-65B-R2B 00DT 2100
2	Verizon	100.0	NHH-65B-R2B 00DT 0700
3	Verizon	101.0	SON_MT6407 TB 03.24.21 3700 VZW
4	Verizon	99.5	XXDWMM-12.5-65-8T CBRS 08DT 3550
5	Verizon	100.0	NHH-65B-R2B 00DT 2100
6	Verizon	100.0	NHH-65B-R2B 00DT 0700
7	Verizon	101.0	SON_MT6407 TB 03.24.21 3700 VZW
8	Verizon	99.5	XXDWMM-12.5-65-8T CBRS 08DT 3550
9	Verizon	100.0	NHH-65B-R2B 00DT 2100
10	Verizon	100.0	NHH-65B-R2B 00DT 0700
11	Verizon	101.5	SON_MT6407 TB 03.24.21 3700 VZW
12	Verizon	99.5	XXDWMM-12.5-65-8T CBRS 08DT 3550
13	Unknown	120.0	PANEL 4FT 00DT 850
14	Unknown	120.0	PANEL 4FT 00DT 1900
15	Unknown	120.0	PANEL 4FT 00DT 850
16	Unknown	120.0	PANEL 4FT 00DT 1900
17	Unknown	120.0	PANEL 4FT 00DT 850
18	Unknown	120.0	PANEL 4FT 00DT 1900
19	Unknown	110.0	PANEL 4FT 00DT 850
20	Unknown	110.0	PANEL 4FT 00DT 1900
21	Unknown	110.0	PANEL 4FT 00DT 850
22	Unknown	110.0	PANEL 4FT 00DT 1900
23	Unknown	110.0	PANEL 4FT 00DT 850
24	Unknown	110.0	PANEL 4FT 00DT 1900

The above table contains an inventory of proposed Verizon Wireless Antennas and other carrier antennas (unknown) if sufficient information was available to model them. Note that for modeling purposes, EBI uses a conservative/worst-case assumed set of antenna specifications and powers for any unknown antennas. The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational exposure limits (for workers) and general population exposure limits for members of the general population. This analysis has considered exposures with respect to both occupational and general population limits to provide a fully comprehensive report. Additional information regarding occupational/general population exposure limits is provided in Appendix C

3.0 WORST-CASE MODELING CALCULATIONS

EBI has performed MPE modeling calculations using RoofMaster™ software to estimate the worst-case cumulative power density resulting from operation of antennas at the Site. RoofMaster™ is a widely-used MPE modeling program that has been developed to predict RF power density values for rooftop and tower telecommunications sites produced by antennas that are typically used in connection with wireless services. Using the computational methods set forth in Federal Communications Commission (FCC) Office of Engineering & Technology (OET) Bulletin 65, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields" (OET-65), RoofMaster™ calculates predicted power density in a scalable grid based on the contributions of all RF sources characterized in the study scenario. At each grid location, the cumulative power density is expressed as a percentage of the FCC limits. Manufacturer antenna pattern data is utilized in these calculations. RoofMaster™ models consist of the Far Field model as specified in OET-65 and an implementation of the OET-65 Cylindrical Model (Sula9). The models utilize several operational specifications for different types of antennas to produce a plot of spatially-averaged power densities that can be expressed as a percentage of the applicable exposure limit.

For this report, EBI utilized antenna and power data provided by Verizon Wireless and information gathered from other sources. As noted above, where information was not available EBI used the conservative/worst-case assumed set of antenna specifications and power. EBI then compared the resultant worst-case MPE levels to the FCC's occupational exposure limits outlined in OET Bulletin 65. The parameters used for modeling are summarized in the Site Description antenna inventory table in Section 2.0.

As noted above, two unknown carriers also have antennas on the monopole. To the extent known, information about these antennas was included in the modeling analysis. Conservative modeling specifications were used for these antennas and was included in the modeling analysis. As noted above, to the extent any antennas were unknown, EBI used a conservative/worst-case assumed set of antenna specifications and powers.

At ground level the maximum cumulative exposure level from all carriers at this Site is approximately 0.35 percent of the FCC's general population limit (0.07 percent of the FCC's occupational limit). The worst-case emitted power density from the proposed Verizon Wireless antennas at the Site is immediately in front of the antennas transmitting into free space (midair/away from any walking surface). Notwithstanding, as a precaution, it is recommended that the signage outlined in Section 4.0 be installed to the extent not already installed.

A site would be considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards. There are no modeled areas on the rooftop and ground that exceed the FCC's limits for general population or occupational exposure in front of the other carrier antennas

As the site is in compliance with applicable FCC limits as designed, and in accordance with the official Verizon Wireless Signage and Demarcation Policy for tower structures, no signage is recommended at this site.

The inputs used in the modeling are summarized in the Site Description antenna inventory table in Section 2.0.

4.0 MITIGATION/SITE CONTROL OPTIONS

EBI's modeling indicates that based on worst-case modeling calculations related to the proposed antennas at ground level, the maximum cumulative exposure level from all carriers on this Site is approximately 0.35 percent of the FCC's general population limit (0.07 percent of the FCC's occupational limit).

EBI's modeling indicates that there are no accessible areas in front of the Verizon Wireless antennas that exceed the FCC standards for occupational or general population exposure. In accordance with the official Verizon Wireless Signage and Demarcation Policy for tower structures, no signage is recommended at this site.

5.0 SUMMARY AND CONCLUSIONS

EBI has prepared a Radiofrequency – Electromagnetic Energy (RF-EME) Compliance Report in connection with Verizon Wireless' proposed telecommunications equipment to be installed by at 89 Westchester Avenue in Pound Ridge, New York to determine worst-case calculated RF-EME exposure levels from the proposed Facility at this Site. This report summarizes the results of RF-EME modeling in relation to relevant Federal Communications Commission (FCC) RF-EME compliance standards for limiting human exposure to RF-EME fields.

As presented in the sections above, based on the FCC criteria, at ground level, the maximum cumulative exposure level from all existing and proposed carriers on this Site is approximately 0.35 percent of the FCC's general population limit (0.07 percent of the FCC's occupational limit). There are no modeled areas on any accessible rooftop or ground-level walking/working surface related to the proposed antennas that exceed the FCC's occupational or general population exposure limits at this site.

Workers should be informed about the presence and locations of antennas and their associated fields. Recommended control measures (if any) are outlined in Section 4.0 and within the Site Signage Plan (attached) to the extent not already installed; Verizon Wireless should also provide procedures to shut down and lockout/tagout this wireless equipment in accordance with Verizon Wireless' standard operating protocol. Workers who will be working in areas of exceedance, if any, are required to contact Verizon Wireless since only Verizon Wireless has the ability to lockout/tagout the facility, or to authorize others to do so.

As the site is in compliance with applicable FCC limits as designed, there are no additional control measures required (See Section 4.0).

As noted above, because of the conservative calculation methodology and operational assumptions applied in the analysis based on the table in Section 2.0, the actual MPE levels of the proposed Verizon Wireless antennas and other carrier antennas will likely be less significant than the calculated results here indicate.

6.0 LIMITATIONS

This report was prepared at the request of Verizon Wireless. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information

provided by the client. The observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the Site should be provided to EBI so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.


Appendix A

Certifications

Preparer Certification

I, Thanh Estevam, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified “occupational” under the FCC regulations.
- I am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation.
- I have reviewed the data provided by the client and incorporated it into this Site Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.

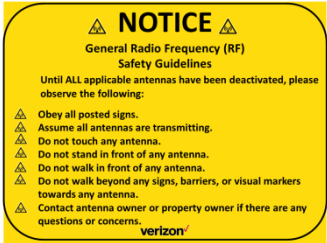
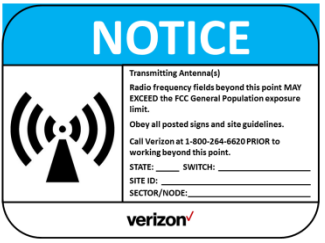
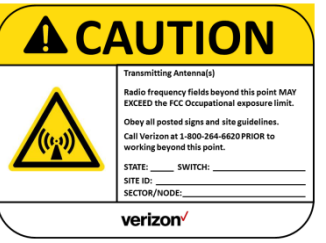
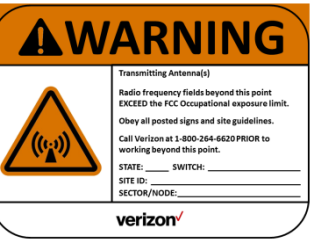
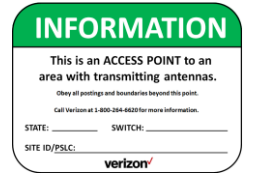


Appendix B
Radio Frequency Electromagnetic Energy
Safety Information

RF Signage and Safety Information

RF Signage

Areas or portions of any transmitter site may be susceptible to high power densities that could cause personnel exposures in excess of the FCC guidelines. These areas must be demarcated by conspicuously posted signage that identifies the potential exposure. Signage must be viewable regardless of the viewer's position. Signs must be legible and readily viewable and readable at a minimum distance of five feet (1.52 meters) from the boundary (and as necessary on approach to this boundary) at which the applicable limits are exceeded, and that controls or indicators be placed at compliance boundaries. The minimum readable letter height at 5 feet from the signage is 0.20 inches for the Message and 0.44 inches for the Signal.

GUIDELINES	NOTICE	CAUTION	WARNING
<p>This sign will inform anyone of the basic precautions to follow when entering an access point to an area with transmitting radiofrequency equipment.</p>	<p>This sign indicates that RF emissions may exceed the FCC General Population MPE limit.</p>	<p>This sign indicates that RF emissions may exceed the FCC Occupational MPE limit.</p>	<p>This sign indicates that RF emissions may exceed at least 10x the FCC Occupational MPE limit.</p>
			
<p>NOC INFORMATION</p> <p>Information signs are used as a means to provide contact information for any questions or concerns. They will include specific cell site identification information and the Verizon Wireless Network Operations Center phone number.</p>			

Physical Barriers

Physical barriers are control measures that require awareness and participation of personnel. Physical barriers are employed as an additional administration control to complement RF signage and physically demarcate an area in which RF exposure levels may exceed the FCC General Population limit. **Example:** chain-connected stanchions

Indicative Markers

Indicative markers are visible control measures that require awareness and participation of personnel, as they cannot physically prevent someone from entering an area of potential concern. Indicative markers are employed as an additional administration control to complement RF signage and visually demarcate an area in which RF exposure levels may exceed the FCC General Population limit. **Example:** paint stripes

Occupational Safety and Health Administration (OSHA) Requirements

A formal adopter of FCC Standards, OSHA stipulates that those in the Occupational classification must complete training in the following: RF Safety, RF Awareness, and Utilization of Personal Protective Equipment. OSHA also provides options for Hazard Prevention and Control:

Hazard Prevention	Control
<ul style="list-style-type: none"> • Utilization of good equipment • Enact control of hazard areas • Limit exposures • Employ medical surveillance and accident response 	<ul style="list-style-type: none"> • Employ Lockout/Tag out • Utilize personal alarms & protective clothing • Prevent access to hazardous locations • Develop or operate an administrative control program

Appendix C

Federal Communications Commission (FCC) Requirements

The FCC has established Maximum Permissible Exposure (MPE) limits for human exposure to Radiofrequency Electromagnetic (RF-EME) energy fields, based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP) and, over a wide range of frequencies, the exposure limits developed by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general population/uncontrolled population exposure limits for members of the general population.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related.

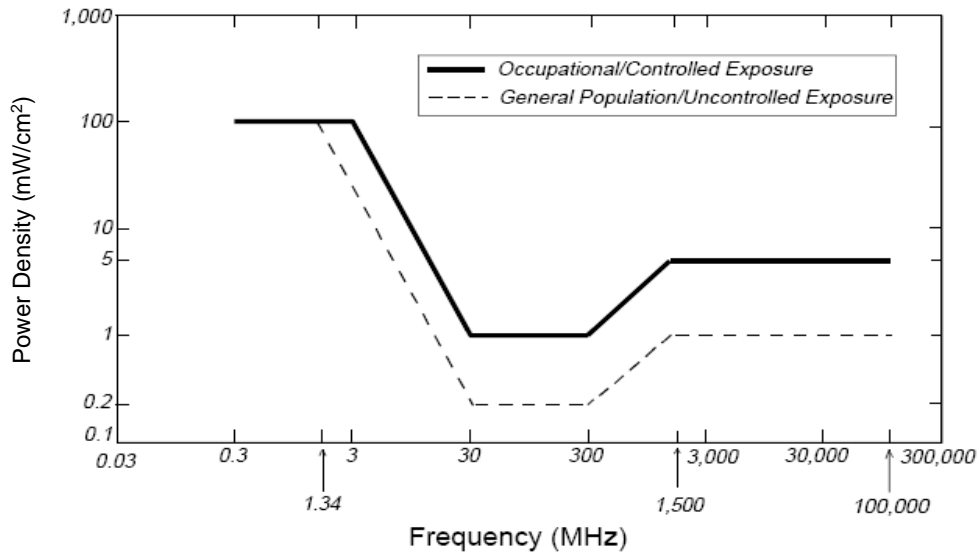
Table I and Figure I (below), which are included within the FCC's OET Bulletin 65, summarize the MPE limits for RF emissions. These limits are designed to provide a substantial margin of safety. They vary by frequency to take into account the different types of equipment that may be in operation at a particular facility and are "time-averaged" limits to reflect different durations resulting from occupational and general population exposures.

The FCC's MPEs are measured in terms of power (mW) over a unit surface area (cm²). Known as the power density, the FCC has established an occupational MPE of 5 milliwatts per square centimeter (mW/cm²) and an uncontrolled MPE of 1 mW/cm² for equipment operating in the 1900 MHz frequency range. For the Verizon Wireless equipment operating at 700 MHz or 850 MHz, the FCC's occupational MPE is 2.83 mW/cm² and an uncontrolled MPE of 0.57 mW/cm². For the Verizon Wireless equipment operating at 1900 MHz, the FCC's occupational MPE is 5.0 mW/cm² and an uncontrolled MPE limit of 1.0 mW/cm². These limits are considered protective of these populations.

Table 1: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)
 * Plane-wave equivalent power density

Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)
 Plane-wave Equivalent Power Density



Based on the above, the most restrictive thresholds for exposures of unlimited duration to RF energy for several personal wireless services are summarized below:

Personal Wireless Service	Approximate Frequency	Occupational MPE	Public MPE
Microwave (Point-to-Point)	5,000 - 80,000 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Broadband Radio (BRS)	2,600 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Wireless Communication (WCS)	2,300 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Advanced Wireless (AWS)	2,100 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Personal Communication (PCS)	1,950 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Cellular Telephone	870 MHz	2.90 mW/cm ²	0.58 mW/cm ²
Specialized Mobile Radio (SMR)	855 MHz	2.85 mW/cm ²	0.57 mW/cm ²
Long Term Evolution (LTE)	700 MHz	2.33 mW/cm ²	0.47 mW/cm ²
Most Restrictive Frequency Range	30-300 MHz	1.00 mW/cm ²	0.20 mW/cm ²

MPE limits are designed to provide a substantial margin of safety. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

Verizon Wireless' public utility wireless communications facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units (wireless telephones). Transceivers are typically connected to antennas by fiber or coaxial cables.

Because of the short wavelength of the radio waves used in wireless services, the antennas require line-of-sight paths for good propagation, and are typically installed above ground level, affording a larger line of sight area. Antennas are constructed to propagate towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of such facilities, typically results in no exposure approaching Maximum Permissible Exposure (MPE) levels, with the exception of areas directly in front of the antennas.

FCC Compliance Requirement

A site is considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards.

From: [Nicole Engel](#)
To: [Nicole Engel](#)
Subject: FW: Open Space Acquisition Comm/ Leah's B's resignation. Not unexpected. Please advertise for three openings.
Date: Tuesday, February 1, 2022 11:28:33 AM

From: Leah B <nuki11@optonline.net>
Sent: Tuesday, January 18, 2022 5:03 PM
To: arnow@optonline.net
Subject: RE: Open Space Acquisition Comm/ Next meeting Wednesday January 26th 7:30p/Zoom info included

Hi Elise,

Happy New Year! Hope in 2022 the world will be able to go back to "normal".

I have been giving much thought lately whether to stay on the Open Space Committee, which is very important to Pound Ridge.

However, it seems that I do not have the time necessary to read, research, do the assignments and give full attention necessary to accomplish the goals needed to purchase properties in Pound Ridge for Open Space.

Therefore, I regretfully must resign from the Open Space Committee.

I am sure whatever you and the committee decide to purchase, will be for the good of everything and everyone living (humans and animals) in beautiful Pound Ridge.

Thank you,

Leah

From: arnow@optonline.net [<mailto:arnow@optonline.net>]
Sent: Saturday, January 15, 2022 7:11 PM
To: 'Pamela Optimum'; 'Leah Bennicasa'; KCreed1@mac.com; 'Andrew Lehman'; 'Melinda Avellino'; 'Gail Jankus'
Cc: 'Daniel Paschkes'; 'Bob Siegel'; 'Andrew'
Subject: RE: Open Space Acquisition Comm/ Next meeting Wednesday January 26th 7:30p/Zoom info

CLAIM

TOWN OF POUND RIDGE
POUND RIDGE NY 10576



PURCHASE ORDER NO.:

DATE: 1/26/2022

**CLAIMANT'S
 NAME
 AND
 ADDRESS**

Andre Vertefeuille
 525 East 72nd Street #361
 New York, NY 10021

VENDOR #: 999999

APPROPRIATION	AMOUNT	VOUCHER #
T-31-3102	\$5,000.00	
TOTAL	\$5,000.00	

DATES	DESCRIPTION OF MATERIALS OR SERVICES	QUANTITY	UNIT PRICE	AMOUNT
1/26/2022	Release of Bond #2020-14	1	\$5,000.00	\$5,000.00
	\$5,000 held by the Town for the WCC			\$0.00
	for property located at 162 Barneгат Road			\$0.00
				\$0.00
				\$0.00
	Conditions of wetlands permit have been completed and			\$0.00
	the inspection of the project was satisfactory.			\$0.00
				\$0.00
				\$0.00
				\$0.00
			TOTAL	\$5,000.00

CLAIMANT'S CERTIFICATION

I, _____, certify that the above account in the amount of \$5,000.00 is true and correct; that the items, services, and disbursements charged were rendered to or for the town on the dates stated; that no part has been paid or satisfied; that taxes, from which the municipality is exempt, are not included; and that the amount claimed is actually due.

_____ date _____ signature _____ title

SPACE BELOW FOR TOWN USE

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the town on the dates stated and the charges are correct.

1/26/22 _____
 date authorized official

APPROVAL FOR PAYMENT

This claim is approved and ordered paid from the appropriations indicated above.

January 22, 2022

To whom it may concern,

Halima consulting services

Andre Vertefeuille

162 Barnegat rd.

Pound ridge, Ny

10576

Block 9456
Lot 35.1-1

1/26/22
OK per Jim
interior
& exterior
work.

This letter is to inform you that all construction, planting and hard scape as been completed as per our construction plan/ permits.

We have proceeded with the final inspections and would like the release of the two \$5000 deposits provided.

①

This letter is provided as per Jim Perry request and hope it is sufficient to clear this matter.

Best regards,

Andre Vertefeuille

WCC
6/24 → (PA) 6/21/20
2020-14 \$5,000

525 EAST 72ND ST., NY, NY, ~~10021~~
10021

36 I (unit)

cell: 917-514-8822