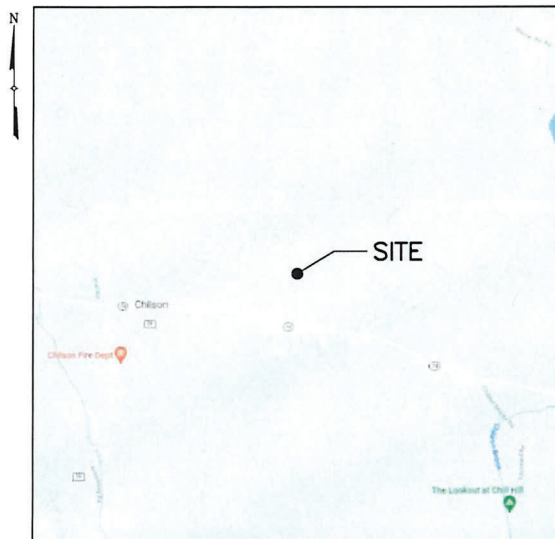


NEW YORK RSA2 CELLULAR PARTNERSHIP,  
d/b/a



SITE NAME:  
**CHILSON**

FUZE ID#: 17301203  
MDG #: 5000350254



VICINITY MAP

**DIRECTIONS**

DIRECTIONS TO SITE:  
FROM NORTH GREENBUSH,  
TURN LEFT ONTO US-4 N AND FOLLOW FOR 1.7± MILES. TURN LEFT ONTO MORRISON AVE AND FOLLOW FOR 0.4± MILES. TURN LEFT ONTO HIGH ST AND FOLLOW FOR 0.4± MILES. TAKE I-787 N AND FOLLOW FOR 3.1± MILES. TAKE EXIT 9W TO MERGE ONTO NY-7 W AND FOLLOW FOR 3.3± MILES. TAKE EXIT ONTO I-87 N AND FOLLOW FOR 82.6± MILES. TAKE EXIT 28 FOR NY-74 E AND FOLLOW FOR 0.3± MILES. SITE WILL BE ON THE LEFT.

SITE ADDRESS:	2609 NYS RTE 74 TICONDEROGA, NY 12883
MUNICIPALITY:	TOWN OF TICONDEROGA
COUNTY:	ESSEX
TAX MAP NUMBER:	138.15-1-15.000
ZONING DISTRICT:	RURAL RESIDENTIAL
STRUCTURE COORDINATES:	43.878472' -73.525000'
GROUND ELEVATION:	1134.4'± AMSL
PROPERTY OWNER:	JOHN J RAO SR 2609 NYS RTE 74 TICONDEROGA, NY 12883
APPLICANT:	VERIZON WIRELESS 1275 JOHN STREET, SUITE 100 WEST HENRIETTA, NY 14586
CONTACT PERSON:	BRANDON FARINACCIO
CONTACT PHONE:	(518) 248-6254

PROJECT SUMMARY

**PROJECT DESCRIPTION**

THE PROPOSED WORK CONSISTS OF INSTALLING CELLULAR ANTENNAS AND RELATED EQUIPMENT ON A PROPOSED MONOPINE AND THE INSTALLATION OF EQUIPMENT AT GRADE WITHIN A PROPOSED FENCED COMPOUND. PROJECT INCLUDES A NEW GRAVEL ACCESS DRIVE AND UNDERGROUND POWER AND FIBER UTILITIES TO SERVICE THE FACILITY.

SHT. NO.	DESCRIPTION	REV NO	REVISION DATE
T-1	TITLE SHEET	2	6/20/25
AD-1	ADJOINERS PLAN	2	6/20/25
SB-1	SETBACK PLAN & BULK REQUIREMENTS	2	6/20/25
C-1A	OVERALL SITE PLAN	2	6/20/25
C-1B	ROAD PLAN & PROFILE	2	6/20/25
C-2	SITE DETAIL PLAN	2	6/20/25
C-3	ELEVATION & ORIENTATION PLAN	2	6/20/25
C-4A	SITE DETAILS	2	6/20/25
C-4B	SITE DETAILS	2	6/20/25
C-5	EQUIPMENT ELEVATIONS	2	6/20/25
L-1	TREE REMOVAL PLAN	2	6/20/25
L-2	TREE INVENTORY LIST	2	6/20/25

SHEET INDEX

THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL ITEMS OF CONCERN HAVE BEEN ADDRESSED AND EACH OF THE DRAWINGS HAS BEEN REVISED AND ISSUED "FOR CONSTRUCTION".

Before You Dig, Drill Or Blast!

UNDERGROUND FACILITIES  
PROTECTIVE ORGANIZATION  
CALL US TOLL FREE 811 OR 1-800-962-7962  
NY industrial code rule 753 requires no less than two working days notice, but not more than ten days notice.

UDIGNY - NEW YORK

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED FOR 22"x34" FULL SIZE AND 11"x17" HALF SIZE. OTHER SIZED VERSIONS ARE NOT PRINTED TO THE SCALE SHOWN. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



1275 JOHN STREET, SUITE 100  
WEST HENRIETTA, NY 14586



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Project Contact Info  
36 British American Blvd. Phone: (518) 783-1630  
Suite 101 (800) 829-6531  
Latham, NY 12110 www.tectonicengineering.com

WORK ORDER NUMBER	12396.056	DRAWN BY	TRR
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NO.	DATE	ISSUE
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1	2/5/25	FOR ZONING
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SITE INFORMATION  
CHILSON  
FUZE ID#: 17301203  
MDG#: 5000350254

SITE ADDRESS  
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

SHEET TITLE  
TITLE SHEET

SHEET NUMBER  
T-1



**NOTE:**  
 THE PROPERTY LINES HEREON ARE APPROXIMATE BASED ON GIS DATA AND ARE FOR ORIENTATION PURPOSES ONLY. THEY DO NOT REPRESENT A PROPERTY/BOUNDARY DECISION BY A LAND SURVEYOR.

**1 ADJOINERS PLAN**  
 SCALE: 1" = 300' (11x17 SIZE)  
 1" = 150' (22x34 SIZE)

ID	SBL	OWNER	ADDRESS
1	138.15-1-15.000	John J Rao Sr	2609 NYS Route 74 Ticonderoga NY 12883
2	138.15-1-14.000	John J Rao Sr	2609 NYS Route 74 Ticonderoga NY 12883
3	138.15-1-2.200	Robert A Woods	20 Hall Rd Ticonderoga NY 12883
4	138.15-1-2.120	Robert A Woods	20 Hall Rd Ticonderoga NY 12883
5	138.4-1-4.000	James A Gorton	72 Hall Rd Ticonderoga NY 12883
6	138.4-1-5.000	Herbert B Knight	6508 Main St Westport NY 12993
7	138.4-1-6.000	Clarence W Bevins Jr	252 Doe Trail Dr Lexington SC 29073
8	138.15-1-16.000	Anna Cole	2689 NYS Rte 74 Ticonderoga NY 12883
9	138.4-1-43.200	Christopher Ryan Blanchard	227 Konci Ter Lake George NY 12845
10	138.15-1-18.000	Oliver Bevins	11 Putts Pond Rd Ticonderoga NY 12883
11	138.15-1-19.000	George C Hulbert Jr	2375 Route 65 RD#2 Bloomfield NY 14469

**2 ADJOINERS LIST**  
 SCALE: NTS



1275 JOHN STREET, SUITE 100  
 WEST HENRIETTA, NY 14586

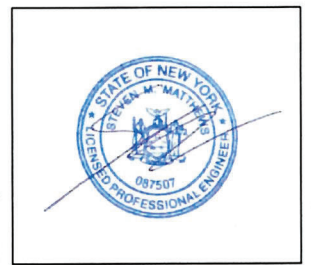


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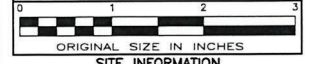


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**SITE INFORMATION**  
 CHILSON  
 FUZE ID#: 17301203  
 MDG#: 5000350254

**SITE ADDRESS**  
 2609 NYS RTE 74  
 TOWN OF TICONDEROGA  
 ESSEX COUNTY  
 NY 12883

**SHEET TITLE**  
 ADJOINERS PLAN

**SHEET NUMBER**

**AD-1**



BULK REQUIREMENTS			
TOWN OF TICONDEROGA			
ZONING DISTRICT: RURAL RESIDENTIAL			
	REQUIRED	EXISTING	PROPOSED
MINIMUM YARDS (TOWER)			
FRONT:	TBD	--	357 FT
SIDE:	TBD	--	565 FT
REAR:	TBD	--	1150 FT
MINIMUM YARDS (COMPOUND)			
FRONT:	40 FT	--	337 FT
SIDE:	20 FT	--	533 FT
REAR:	50 FT	--	1135 FT
MAXIMUM TOWER HEIGHT:	BASED ON RF NEED	--	129 FT



1275 JOHN STREET, SUITE 100  
WEST HENRIETTA, NY 14586



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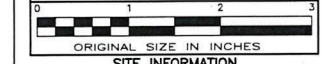


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ORIGINAL SIZE IN INCHES

**SITE INFORMATION**

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MDG#: 5000350254

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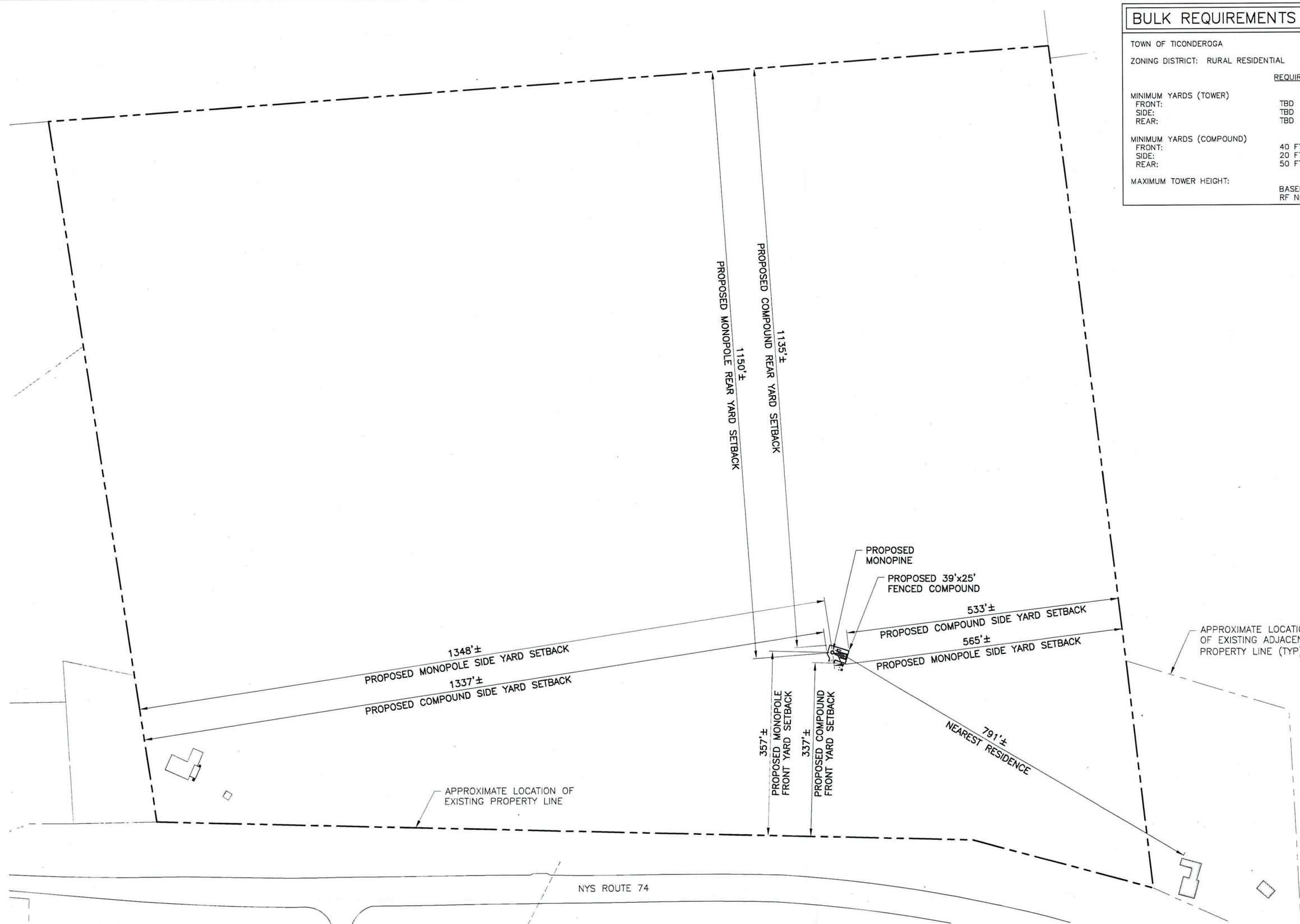
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

**SHEET TITLE**

SETBACK PLAN & BULK REQUIREMENTS

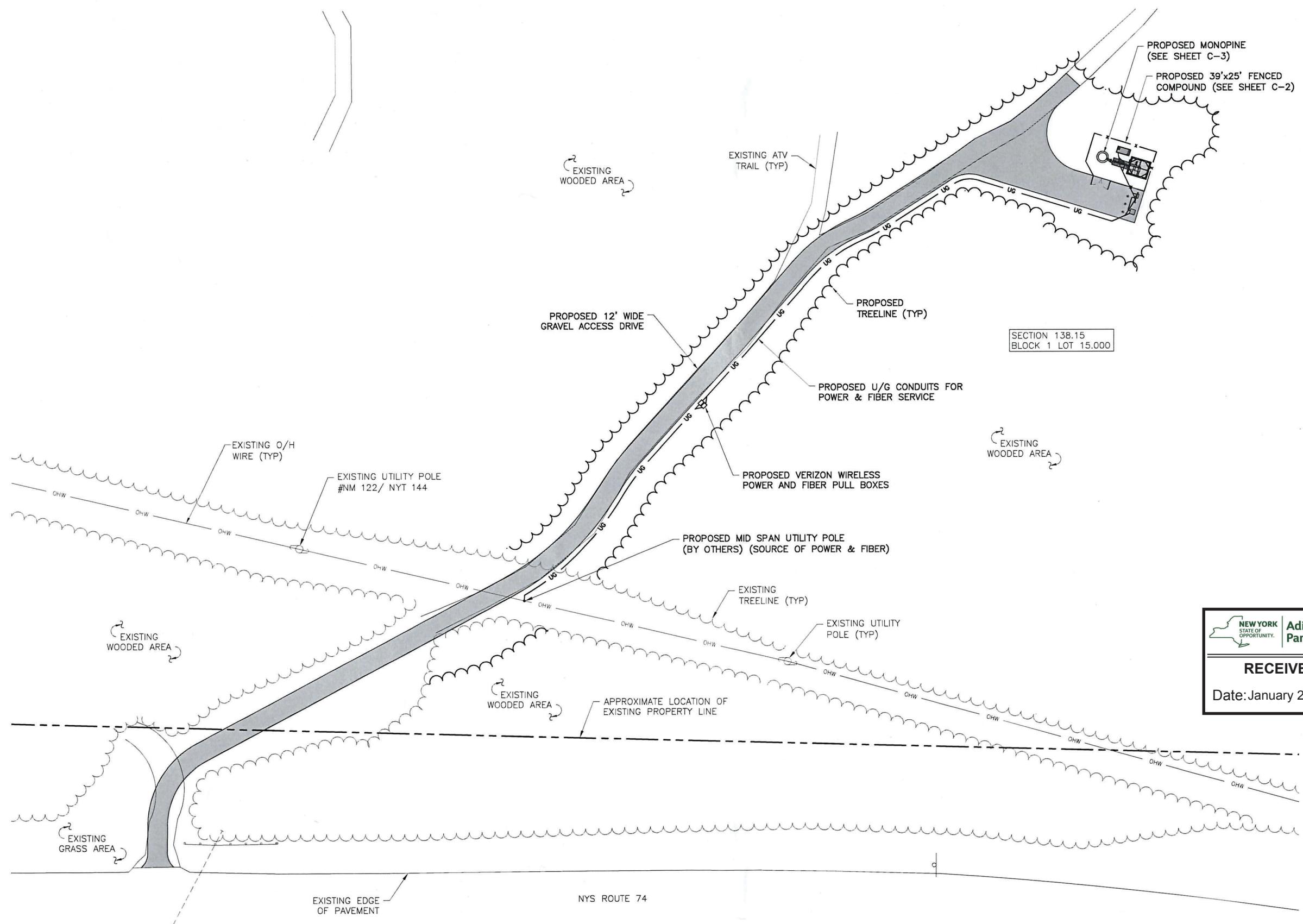
**SHEET NUMBER**

**SB-1**



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**1** SETBACK PLAN  
SB-1  
SCALE: 1" = 200' (11x17 SIZE)  
1" = 100' (22x34 SIZE)



1 OVERALL SITE PLAN  
C-1A SCALE: 1" = 60' (11x17 SIZE)  
1" = 30' (22x34 SIZE)

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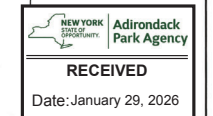


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Project Contact Info: 36 British American Blvd., Suite 101, Latham, NY 12110  
Phone: (518) 783-1630 (800) 829-6531  
www.tectonicengineering.com

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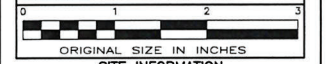
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**Adirondack Park Agency**  
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SITE INFORMATION  
CHILSON  
FUZE ID#: 17301203  
MDG#: 5000350254

SITE ADDRESS  
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

SHEET TITLE  
OVERALL SITE PLAN

SHEET NUMBER  
C-1A



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WEST HENRIETTA, NY 14586



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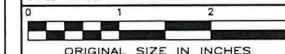
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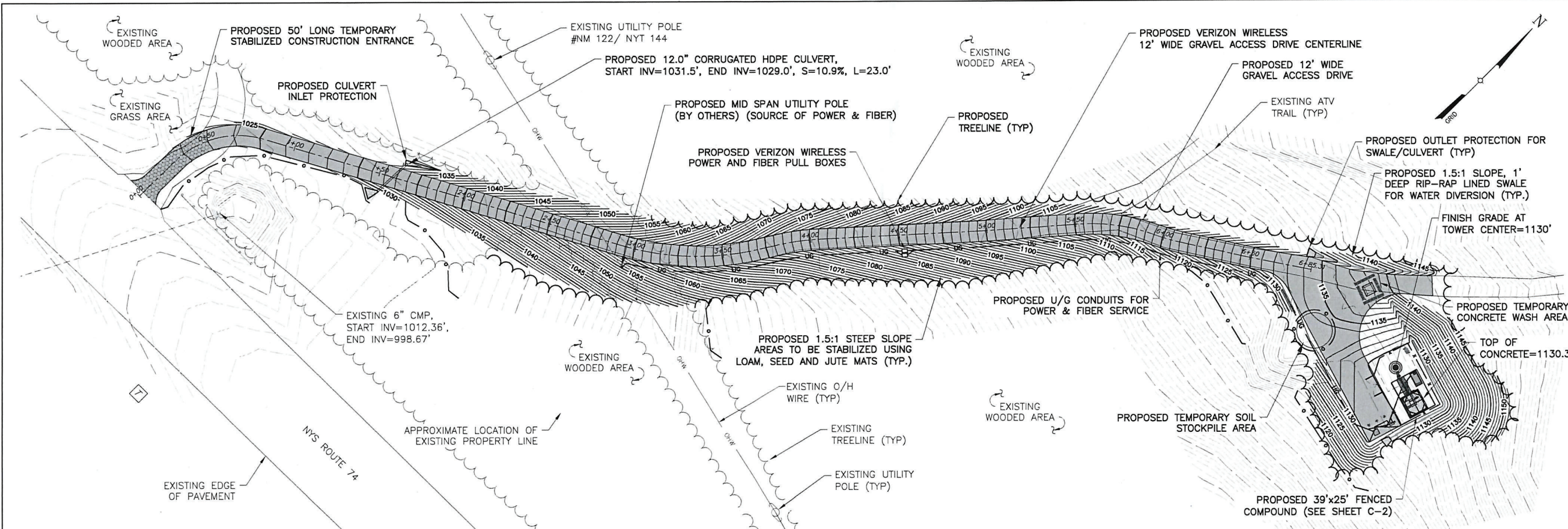
ORIGINAL SIZE IN INCHES

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FUZE ID#: 17301203  
MDG#: 5000350254

SITE ADDRESS  
2609 NYS RTE 74  
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ESSEX COUNTY  
NY 12883

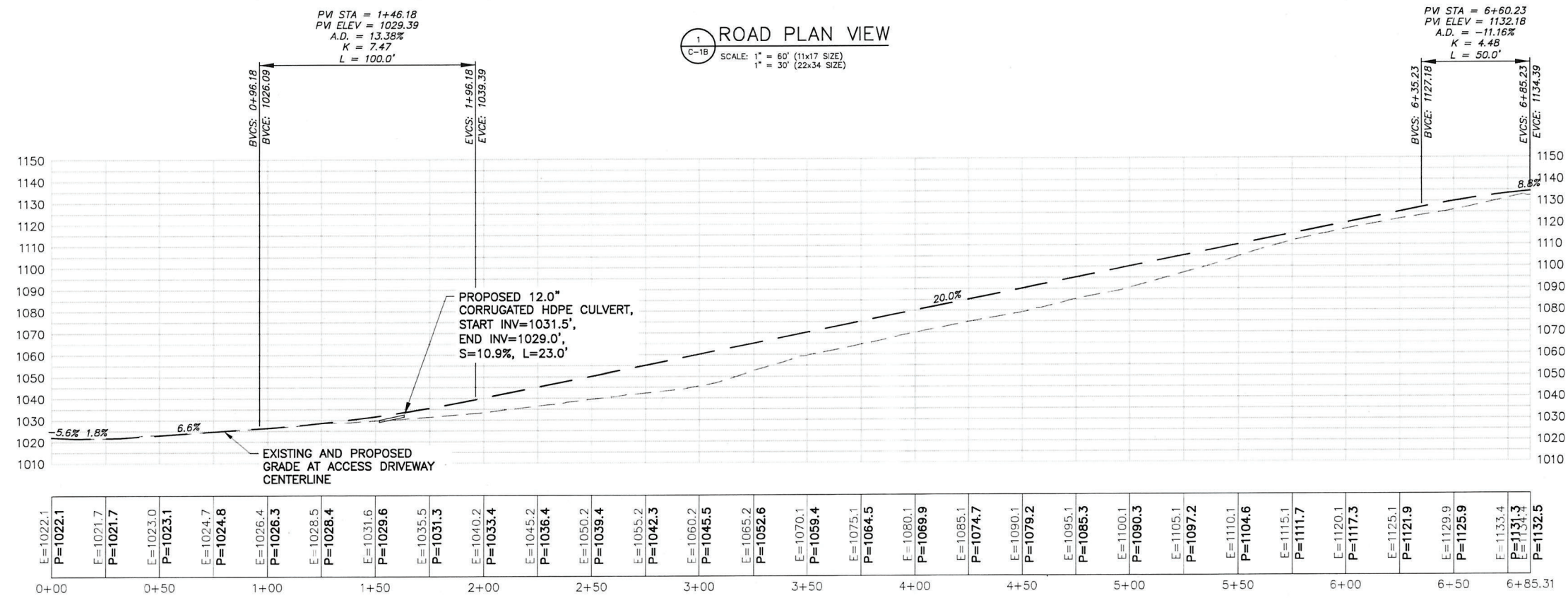
SHEET TITLE  
ROAD PLAN & PROFILE

SHEET NUMBER  
C-1B



ROAD PLAN VIEW

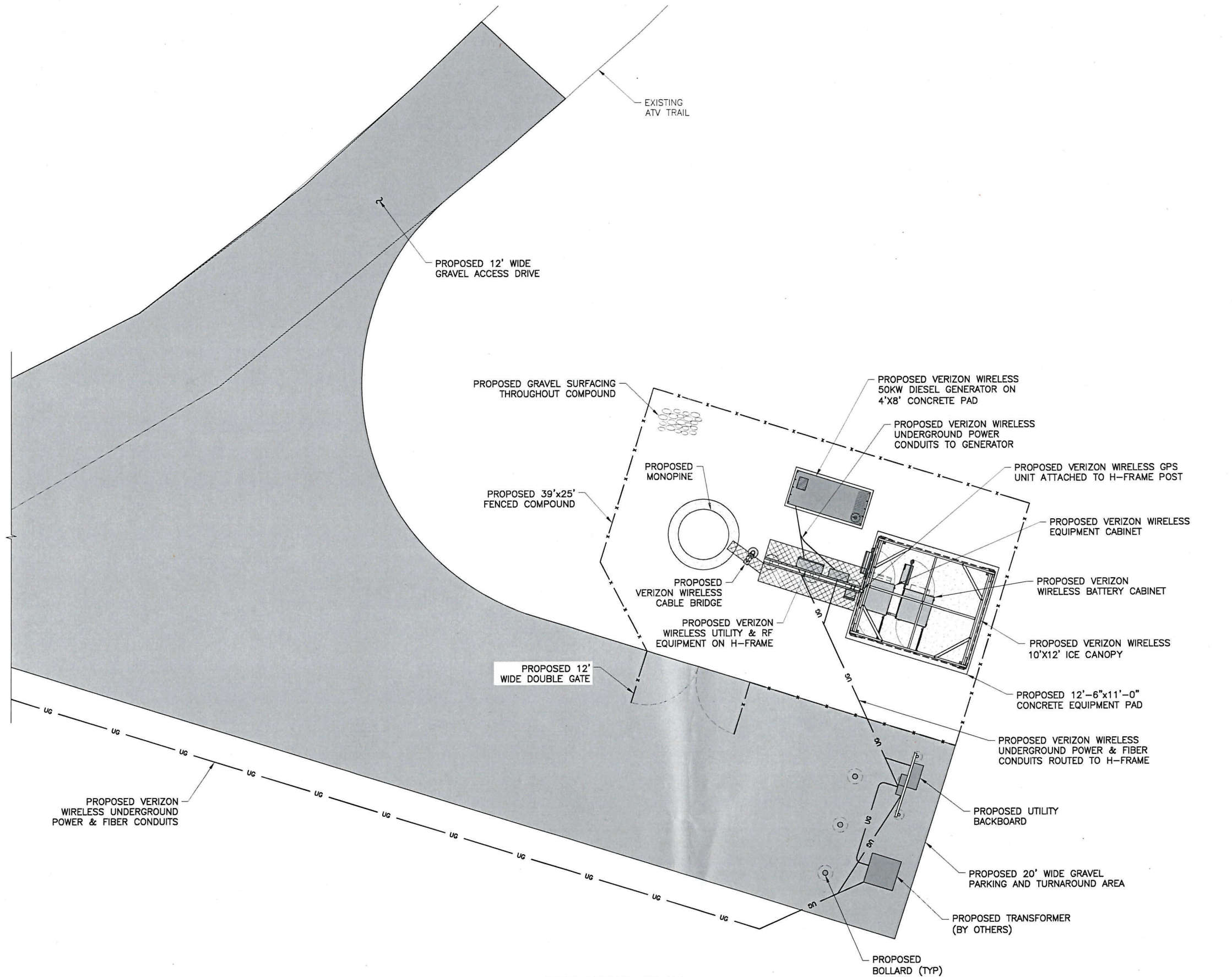
SCALE: 1" = 60' (11x17 SIZE)  
1" = 30' (22x34 SIZE)



ROAD PROFILE VIEW

SCALE: 1" = 60' (11x17 SIZE)  
1" = 30' (22x34 SIZE)

PROPOSED GRAVEL DRIVE LENGTH = 685'±  
 UNDERGROUND UTILITY LENGTH = 605'±  
 AREA OF DISTURBANCE = 33,000 SF ± (0.76 ACRES)



1 SITE DETAIL PLAN  
 C-2  
 SCALE: 1" = 10' (11x17 SIZE)  
 1" = 5' (22x34 SIZE)



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 Latham, NY 12110 www.tectonicengineering.com

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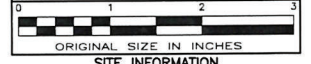


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 SITE INFORMATION  
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 FUZE ID#: 17301203  
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SITE ADDRESS  
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 TOWN OF TICONDEROGA  
 ESSEX COUNTY  
 NY 12883

SHEET TITLE  
 SITE DETAIL PLAN

SHEET NUMBER  
 C-2



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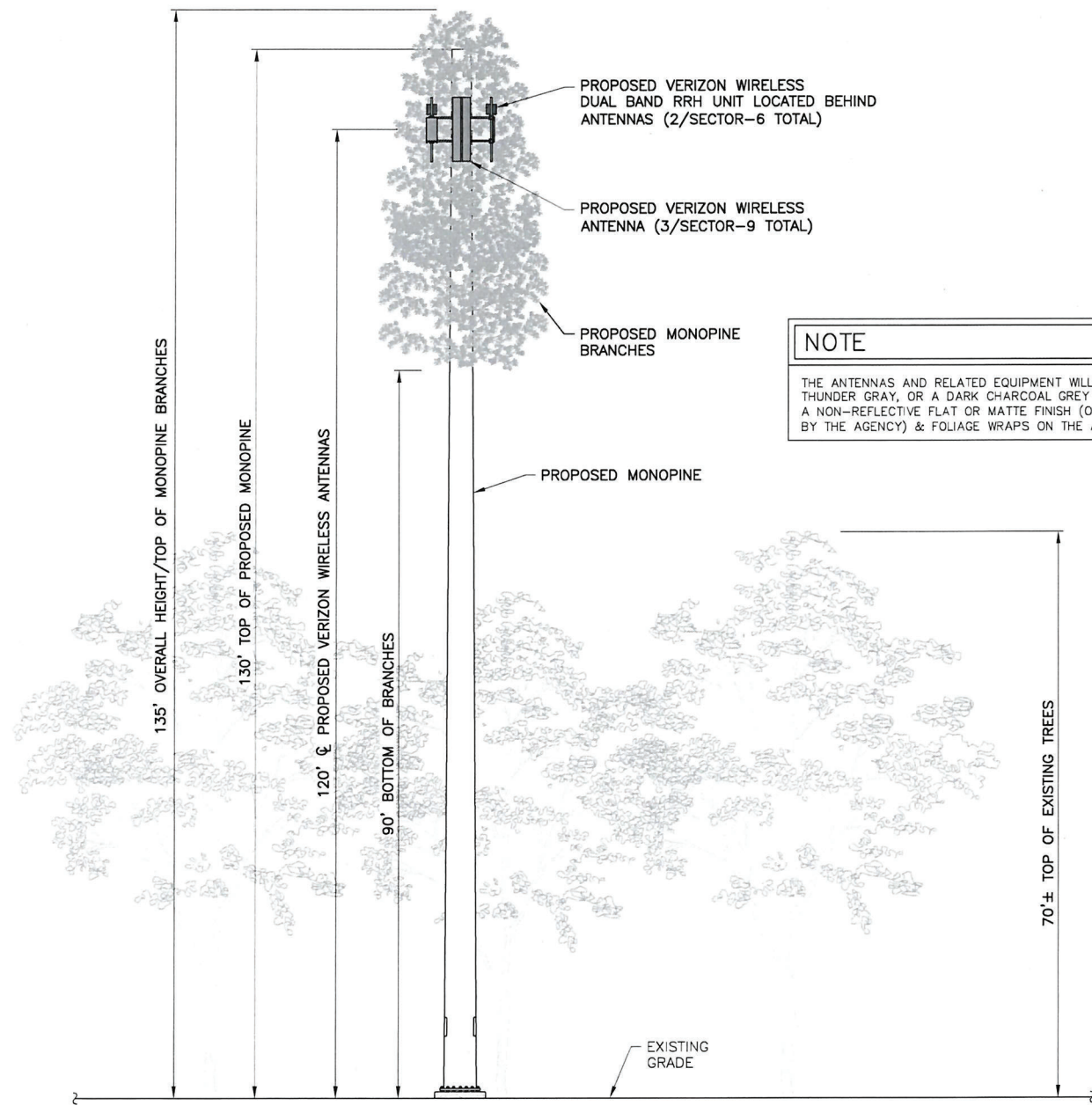
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TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

SHEET TITLE

ELEVATION &  
ORIENTATION PLAN

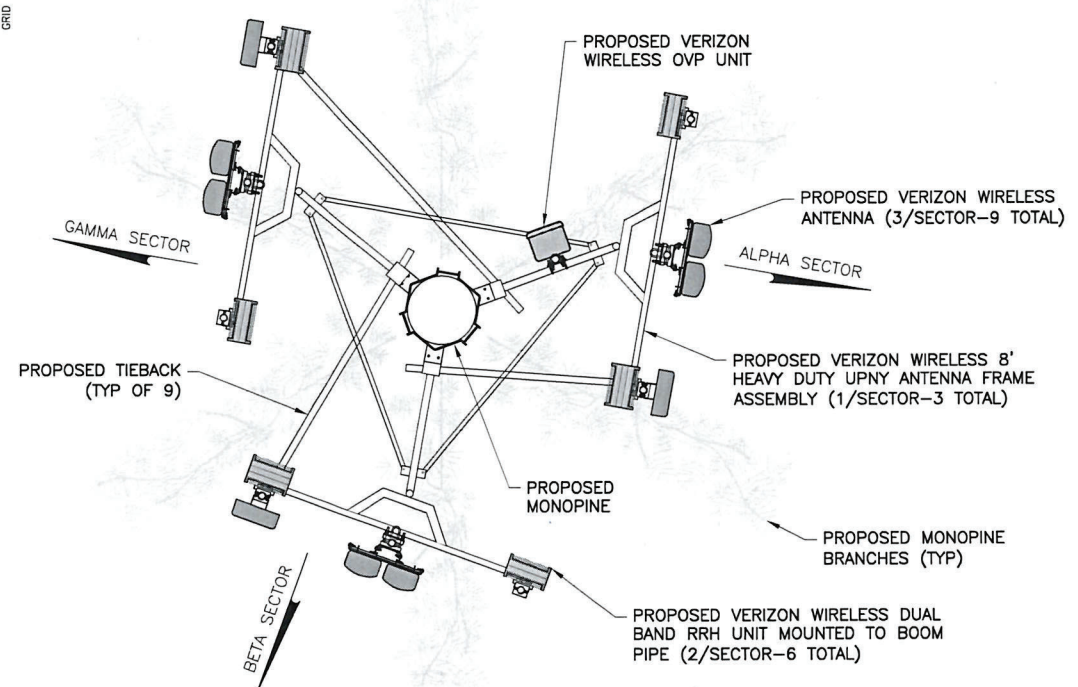
SHEET NUMBER

C-3



1 ELEVATION  
C-3 SCALE: 1" = 20' (11x17 SIZE)  
1" = 10' (22x34 SIZE)

NOTE  
THE ANTENNAS AND RELATED EQUIPMENT WILL BE PAINTED THUNDER GRAY, OR A DARK CHARCOAL GREY OR BLACK WITH A NON-REFLECTIVE FLAT OR MATTE FINISH (OR AS DIRECTED BY THE AGENCY) & FOLIAGE WRAPS ON THE ANTENNAS.



2 ANTENNA ORIENTATION  
C-3 SCALE: 3/4" = 1'-0" (11x17 SIZE)  
3/8" = 1'-0" (22x34 SIZE)

**verizon**

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WEST HENRIETTA, NY 14586

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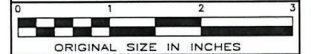


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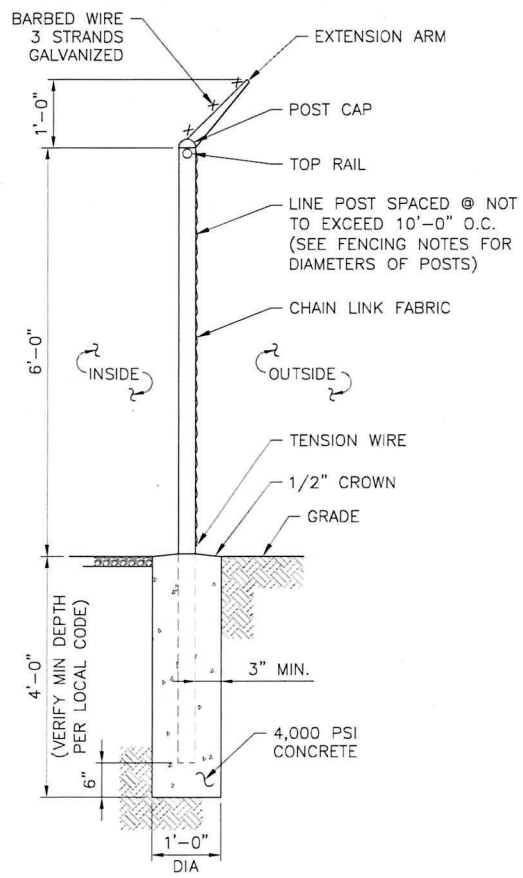
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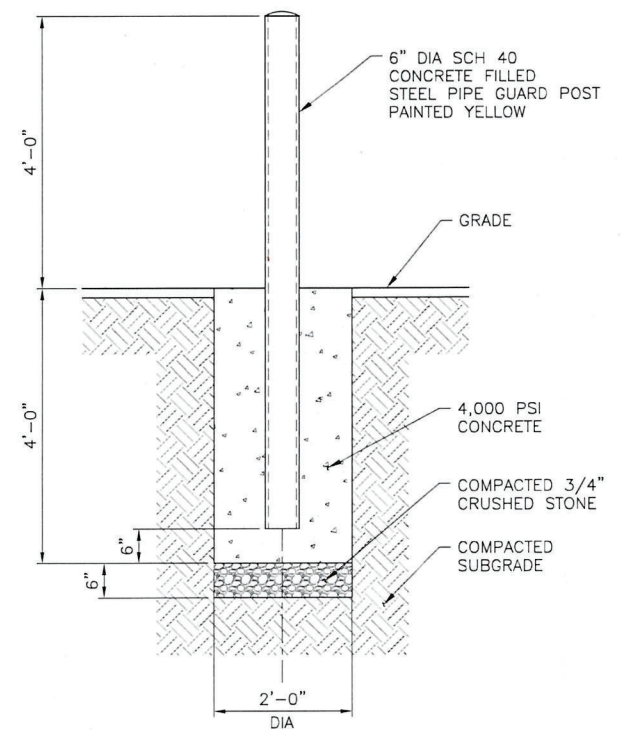
**SITE ADDRESS**  
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

**SHEET TITLE**  
SITE DETAILS

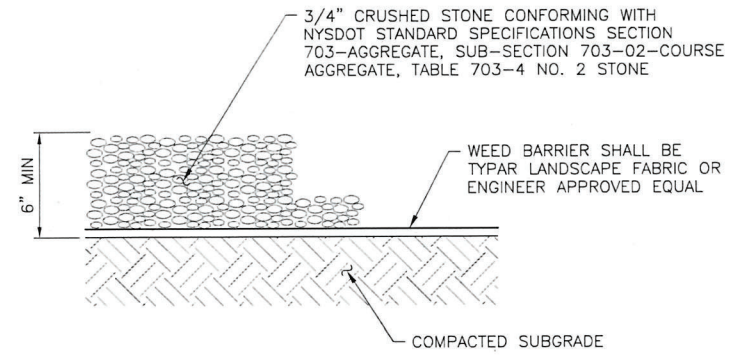
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C-4A



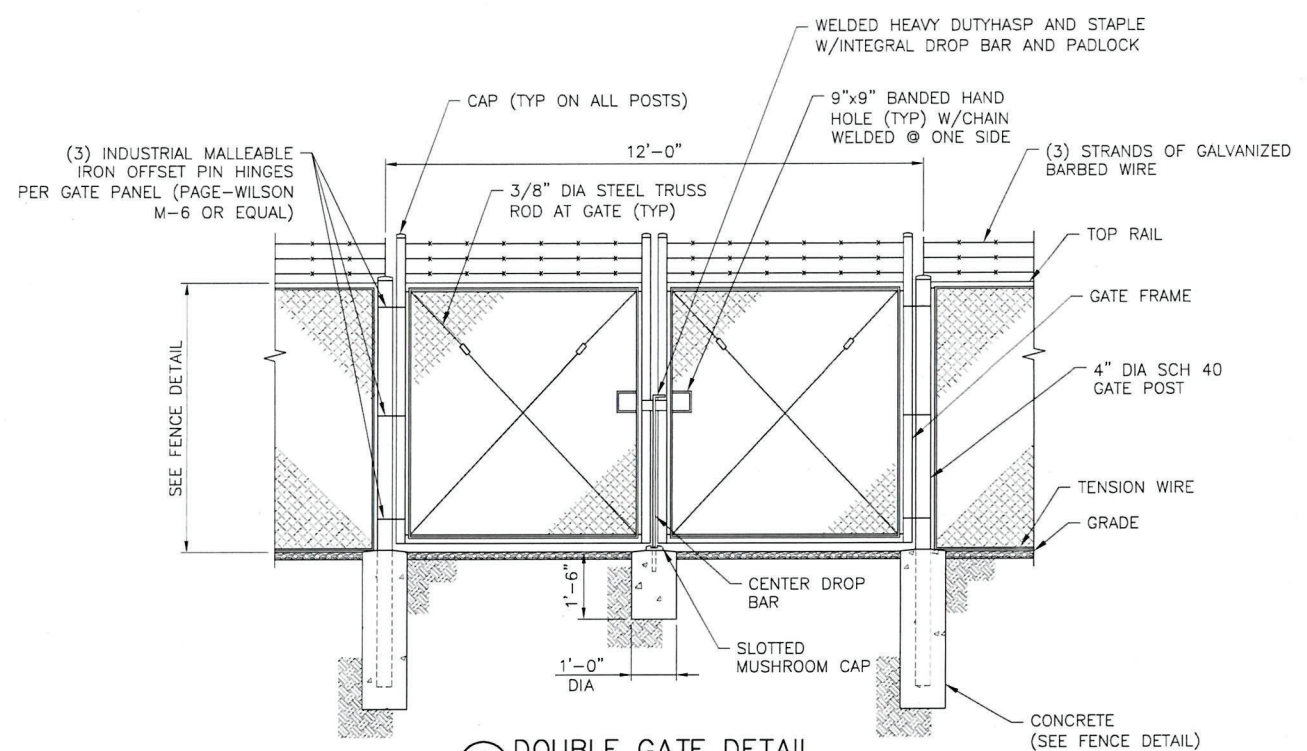
**1 FENCE DETAIL**  
C-4A SCALE: 3/8" = 1'-0" (11x17 SIZE)  
3/4" = 1'-0" (22x34 SIZE)



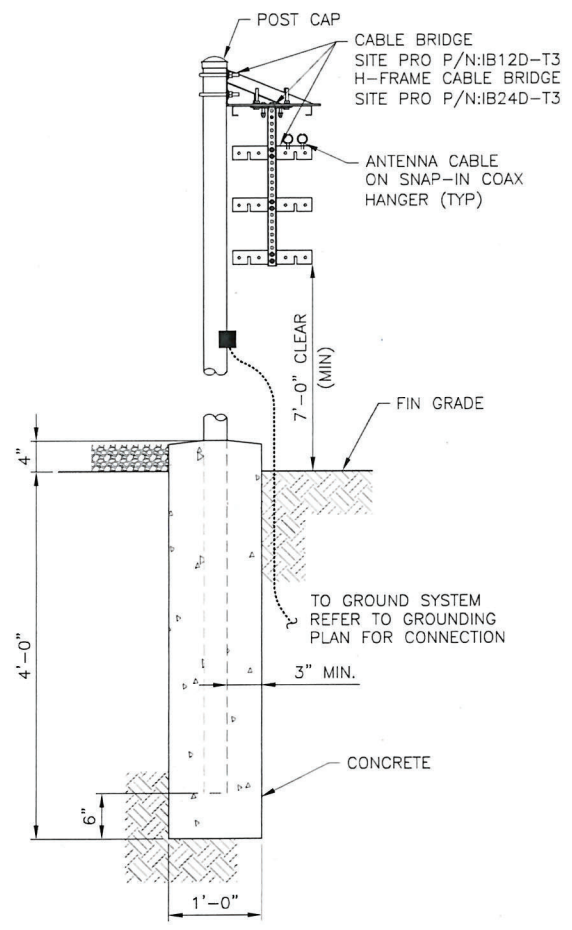
**2 BOLLARD DETAIL**  
C-4A SCALE: 3/8" = 1'-0" (11x17 SIZE)  
3/4" = 1'-0" (22x34 SIZE)



**3 GRAVEL SURFACING TREATMENT**  
C-4A SCALE: 1/2" = 1'-0" (11x17 SIZE)  
1 1/2" = 1'-0" (22x34 SIZE)



**4 DOUBLE GATE DETAIL**  
C-4A SCALE: 1/4" = 1'-0" (11x17 SIZE)  
1/2" = 1'-0" (22x34 SIZE)

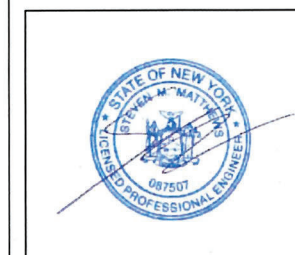


**5 CABLE BRIDGE**  
C-4A SCALE: 1/2" = 1'-0" (11x17 SIZE)  
1" = 1'-0" (22x34 SIZE)

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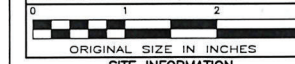


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ORIGINAL SIZE IN INCHES

**SITE INFORMATION**  
CHILSON  
FUZE ID#: 17301203  
MDG#: 5000350254  
**SITE ADDRESS**

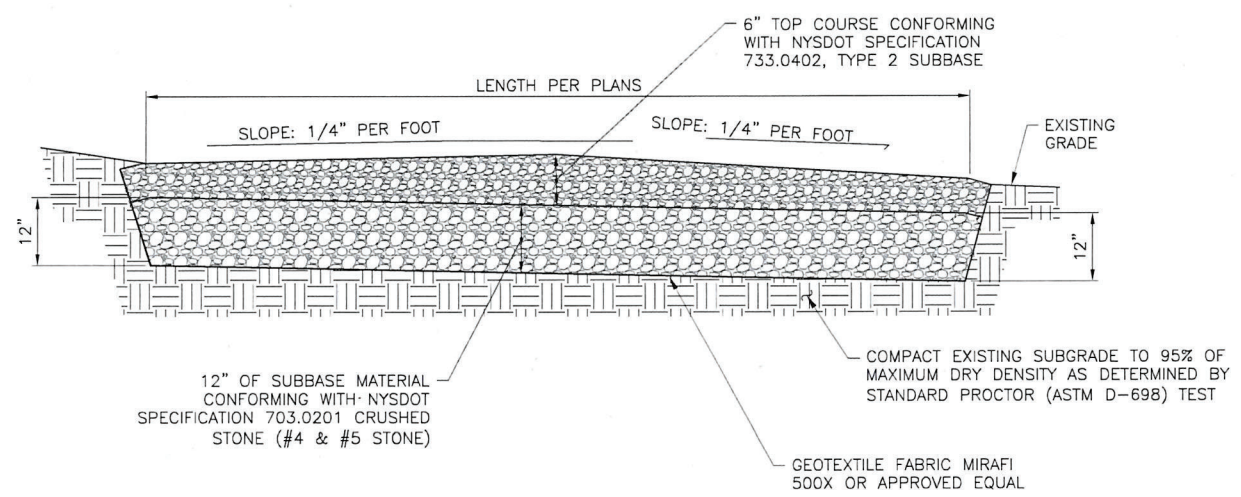
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

**SHEET TITLE**

**SITE DETAILS**

**SHEET NUMBER**

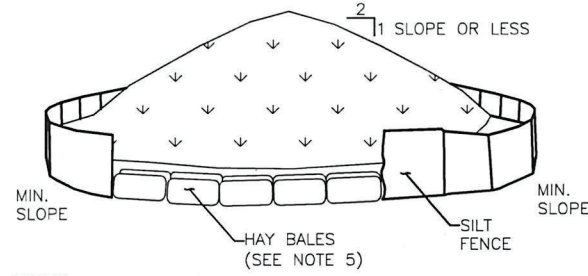
**C-4B**



**FARTH WORK SUBGRADE COMPACTION & SELECT GRANULAR FILL**

- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING & GRUBBING THE CONSTRUCTION SITE AND ROADWAY AREAS. THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS CONTAINED WITHIN THE GEOTECHNICAL REPORT, AS PREPARED FOR THIS SITE, WHEN NECESSARY, FOR SITE WORK PREPARATION, & FOUNDATION WORK. AS A MINIMUM THE TOP 3" OF GRADE SHALL BE REMOVED, THE EXPOSED SUBGRADE COMPACTED AND GEOTEXTILE FABRIC INSTALLED AS REQUIRED FOR UNSTABLE SOIL CONDITION.
- ALL SELECT GRANULAR FILL SHALL BE COMPACTED TO A 95% COMPACTION AT A MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST (ASTM D-1557) AND WITHIN PLUS OR MINUS 3% OF OPTIMUM MOISTURE CONTENT.
- CONTRACTOR TO ASSURE THAT EXISTING DRAINAGE PATTERNS ARE MAINTAINED.

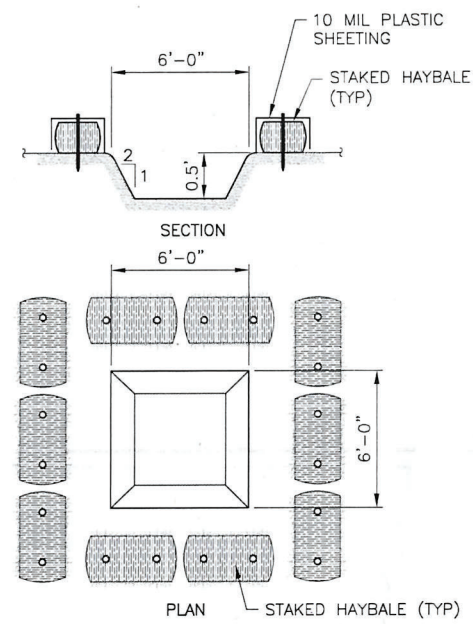
**1 GRAVEL DRIVE CROSS SECTION**  
SCALE: 3/8" = 1'-0" (11x17 SIZE)  
3/4" = 1'-0" (22x34 SIZE)



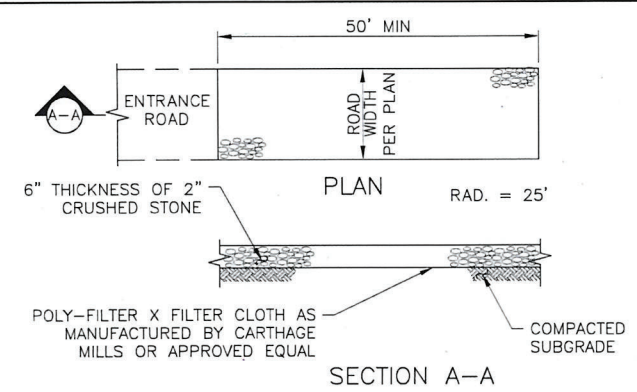
**NOTES:**

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V:2H.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
- SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.
- HAYBALES TO BE USED WHERE STOCKPILES ARE LOCATED ON PAVED AREAS.

**3 TEMPORARY SOIL STOCKPILE DETAIL**  
SCALE: NTS



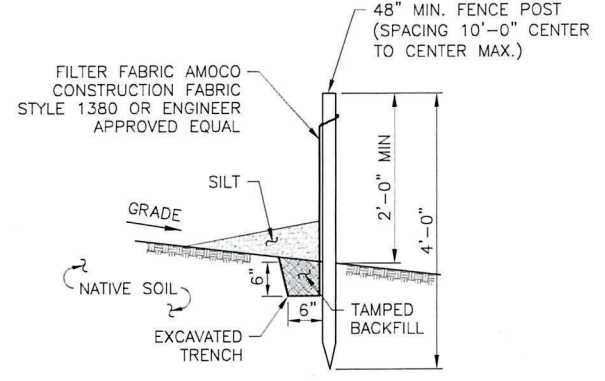
**4 TEMPORARY CONCRETE WASH**  
SCALE: NTS



**NOTES:**

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET
- THICKNESS - NOT LESS THAN SIX INCHES
- WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. IF ACCUMULATED SOIL DOES NOT COME OFF BY WAY OF STABILIZED CONSTRUCTION ENTRANCE, THE CONTRACTOR SHALL KNOCK OFF ACCUMULATED SOIL BY MANUAL METHODS UPSLOPE OF A SILT FENCE BARRIER.
- SEDIMENT TRAPPING - SILT FENCE BARRIER SHALL BE INSTALLED DOWN SLOPE OF CONSTRUCTION ENTRANCE TO CATCH ANY SEDIMENT THAT COULD POTENTIALLY FALL OFF OF CONSTRUCTION EQUIPMENT AND/OR VEHICLES.
- PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**2 STABILIZED CONSTRUCTION ENTRANCE**  
SCALE: NTS



**NOTES:**

- SILT FENCE SHALL BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.
- CONTRACTOR SHALL CONSTRUCT SILT FENCE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
- EXCAVATE TRENCH 6" WIDE X 6" DEEP. BURY BOTTOM 12" OF FABRIC AND TAMP IN PLACE.
- WHEN FENCE IS NO LONGER NEEDED, THE ACCUMULATED SILT, ALL THE POSTS AND FABRIC SHALL BE REMOVED AND TRENCH BACK FILLED WITH TOPSOIL AND SEEDED.

**5 SILT FENCE DETAIL**  
SCALE: NTS

**verizon**

1275 JOHN STREET, SUITE 100  
WEST HENRIETTA, NY 14586

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PRactical SOLUTIONS. EXceptional SERVICE.  
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.  
Project Contact Info  
36 British American Blvd. Phone: (518) 783-1630  
Suite 101 (800) 829-6531  
Latham, NY 12110 www.tectonicengineering.com

WORK ORDER NUMBER 12396.056 DRAWN BY TRR

NO.	DATE	ISSUE
0	1/27/25	FOR COMMENT
1	2/5/25	FOR ZONING
2	6/20/25	CHANGE TO MONOPINE



RECEIVED

Date: January 29, 2026

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FUZE ID#: 17301203  
MDG#: 5000350254

SITE ADDRESS

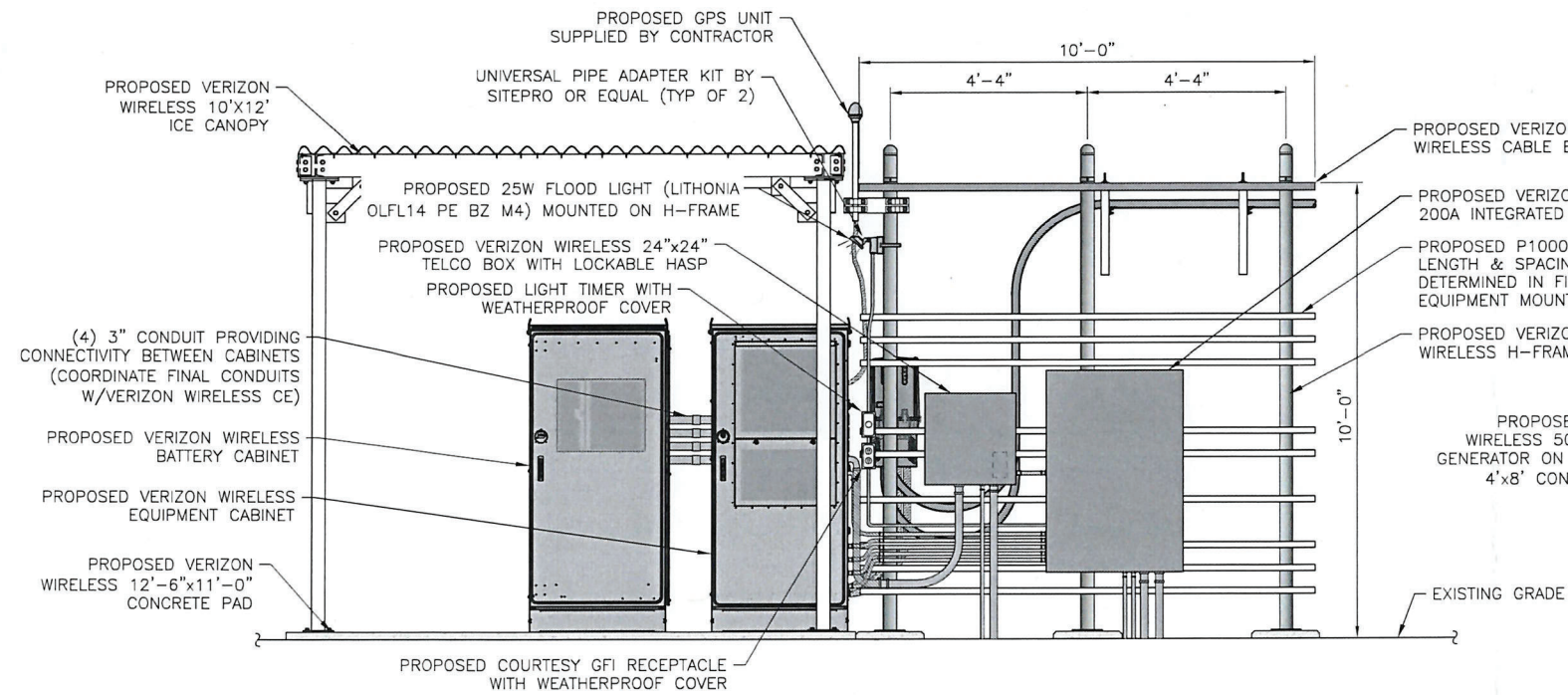
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

SHEET TITLE

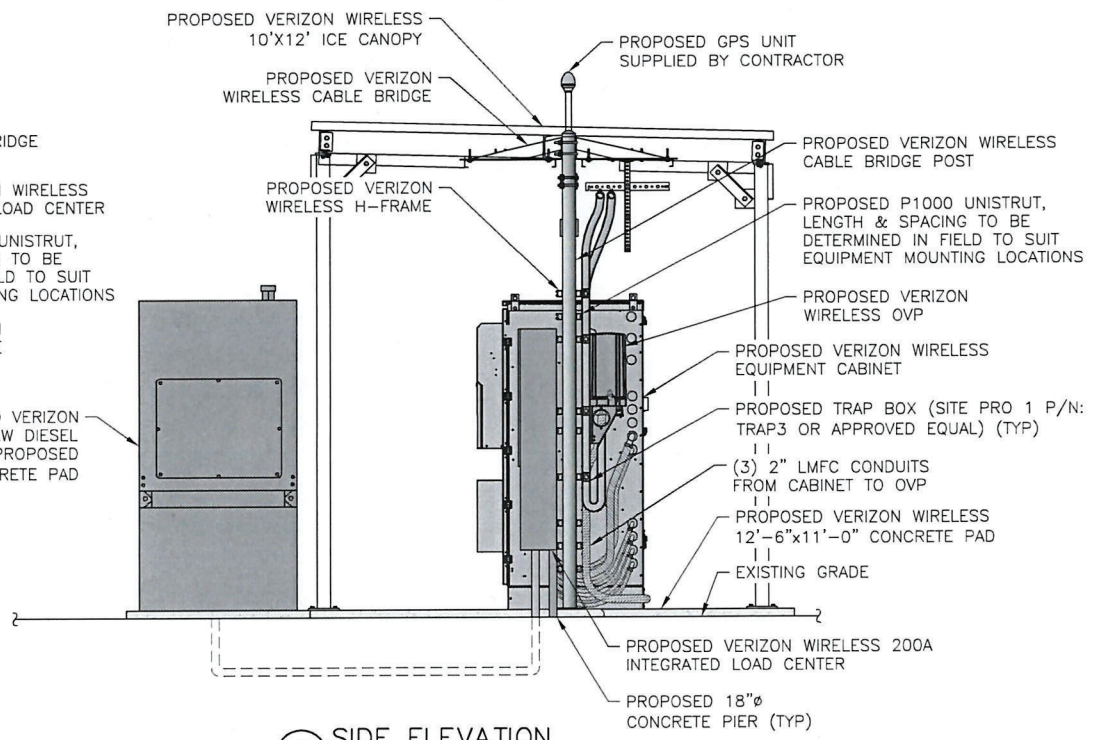
EQUIPMENT ELEVATIONS

SHEET NUMBER

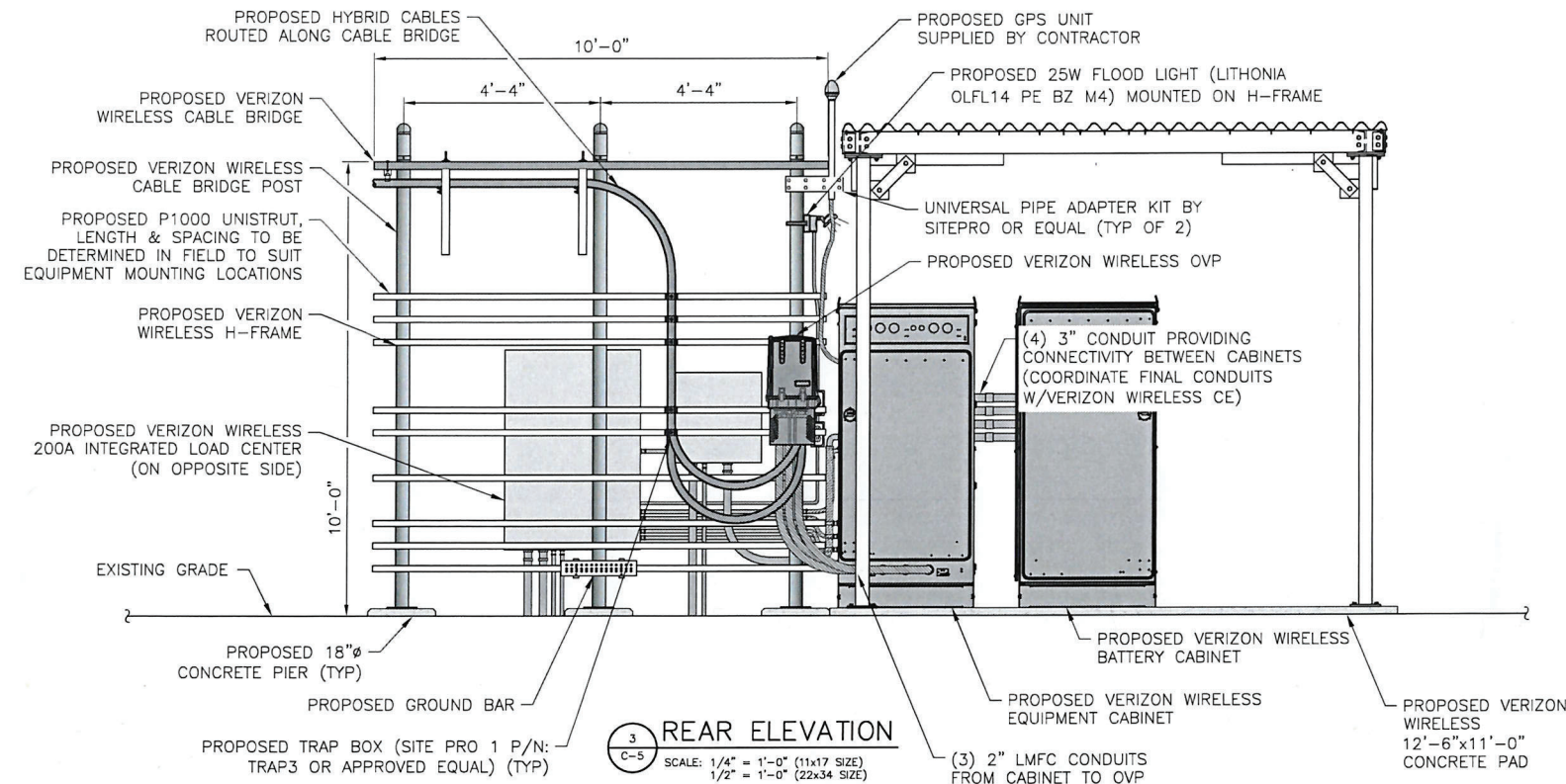
C-5



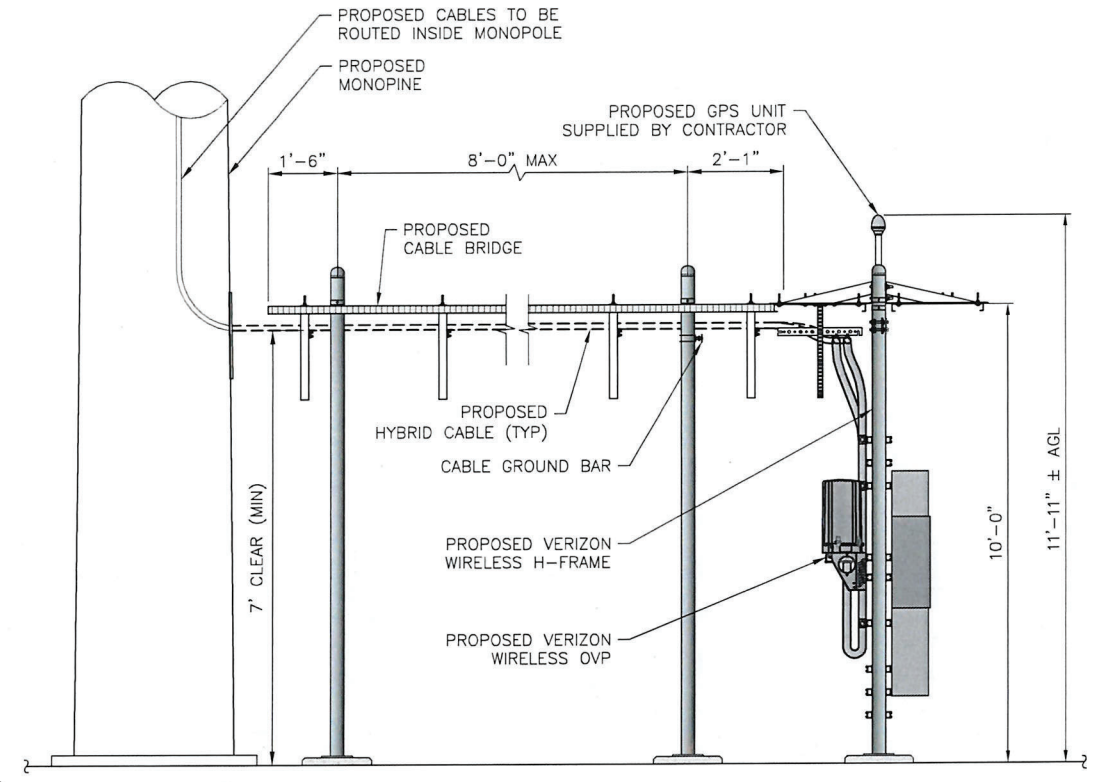
1 FRONT ELEVATION  
SCALE: 1/4" = 1'-0" (11x17 SIZE)  
1/2" = 1'-0" (22x34 SIZE)



2 SIDE ELEVATION  
SCALE: 1/4" = 1'-0" (11x17 SIZE)  
1/2" = 1'-0" (22x34 SIZE)



3 REAR ELEVATION  
SCALE: 1/4" = 1'-0" (11x17 SIZE)  
1/2" = 1'-0" (22x34 SIZE)



4 EQUIPMENT ELEVATION  
SCALE: 1/4" = 1'-0" (11x17 SIZE)  
1/2" = 1'-0" (22x34 SIZE)



200' RADIUS TREE PRESERVATION ZONE

EXISTING TREE TO REMAIN (TYP)

EXISTING TREE TO BE REMOVED (TYP)

1 TREE REMOVAL PLAN  
L-1 SCALE: 1" = 40' (11x17 SIZE)  
1" = 20' (22x34 SIZE)

**verizon**

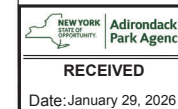
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WEST HENRIETTA, NY 14586

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MDG#: 5000350254

**SITE ADDRESS**  
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

**SHEET TITLE**  
TREE REMOVAL PLAN

**SHEET NUMBER**  
L-1

POINT #	SPECIES/CALIPER/DRIP RADIUS	HEIGHT
4001	OAK 10 15	65'
4002	PINE 12 20	55'
4003	PINE 12 20	55'
4004	PINE 10 15	65'
4005	OAK 10 15	55'
4006	PINE 10 15	60'
4007	SPRUCE 12 20	65'
4008	SPRUCE 14 20	70'
4009	OAK 10 15	55'
4010	OAK 8 15	55'
4011	OAK 8 15	55'
4012	PINE 14 20	70'
4013	OAK 8 15	65'
4014	OAK 12 12 DEAD	60'
4015	OAK 10 15	65'
4016	OAK 10 15	60'
4017	PINE 12 20	60'
4018	OAK 8 15	50'
4019	BIRCH 8 15	50'
4020	BIRCH 8 15	50'
4021	OAK 8 15	50'
4022	OAK 8 15	50'
4023	OAK 10 15	65'
4024	OAK 10 15	55'
4025	PINE 12 20	55'
4026	OAK 20 25	65'
4027	OAK 10 15	55'
4028	PINE 12 20	60'
4030	OAK 15 20	65'
4031	PINE 8 15	70'
4032	OAK 12 20	55'
4033	OAK 12 20	55'
4034	BIRCH 12 20	55'
4035	OAK 12 20	70'
4036	OAK 8 15	65'
4037	OAK 12 20	60'
4038	BIRCH 8 15	65'
4039	OAK 12 20	60'
4040	OAK 10 15	60'
4041	PINE 10 15	50'
4042	OAK 8 15	50'
4043	OAK 10 15	50'
4044	OAK 10 15	50'
4045	OAK 12 20	50'
4046	OAK 12 20	65'
4047	SPRUCE 10 15	55'
4048	OAK 12 20	55'
4049	OAK 10 15	65'
4050	OAK 18	55'
4051	PINE 12 20	60'
4052	OAK 8 15	65'
4053	PINE 12 20	70'
4054	OAK 8 15	55'
4055	OAK 8 15	55'
4056	OAK 10 15	55'
4057	BIRCH 8 15	70'
4058	BIRCH 8 15	65'
4059	PINE 15 25	60'
4060	BIRCH 8 15	65'
4061	BIRCH 10 20	60'
4062	BIRCH 10 20	60'
4063	BIRCH 8 15	50'

POINT #	SPECIES/CALIPER/DRIP RADIUS	HEIGHT
4064	PINE 12 20	50'
4065	OAK 12 20	50'
4066	BIRCH 10 20	50'
4067	OAK 8 15	50'
4068	BIRCH 10 20	65'
4069	OAK 12 20	55'
4070	OAK 10 15	55'
4071	OAK 10 15	65'
4072	OAK 30 20	55'
4073	PINE 12 20	60'
4074	PINE 8 15	65'
4075	PINE 12 20	70'
4076	OAK 20 25	55'
4077	PINE 12 20	55'
4078	PINE 10 15	55'
4080	PINE 10 15	70'
4081	PINE 36 25	65'
4082	PINE 12 20	60'
4083	PINE 10 15	65'
4084	OAK 24 20	60'
4085	OAK 12 20	60'
4086	PINE 12 20	50'
4087	PINE 12 20	50'
4088	PINE 10 15	50'
4089	PINE 10 15	50'
4090	OAK 12 20	50'
4091	PINE 10 15	65'
4092	PINE 12 20	55'
4093	PINE 8 15	55'
4094	OAK 8 15	65'
4095	PINE 12 20	55'
4096	OAK 8 15	60'
4097	BIRCH 8 15	65'
4098	OAK 10 15 TWIN	70'
4099	PINE 12 20	55'
4100	PINE 12 DEAD	55'
4105	BIRCH 10 20	55'
4106	OAK 10 15	70'
4107	PINE 10 15	65'
4108	OAK 10 15 TRIPLE	60'
4110	OAK 10 15	65'
4111	PINE 10 DEAD	60'
4112	PINE 8 15	60'
4113	SPRUCE 10 15	50'
4114	OAK 12 20	50'
4115	OAK 12 20	50'
4116	OAK 12 20	50'
4117	OAK 8 15	50'
4118	OAK 8 15	65'
4119	OAK 10 15	55'
4120	OAK 8 15	55'
4121	OAK 12 20	65'
4122	OAK 10 15	55'
4123	OAK 8 15	60'
4124	OAK 20 25	65'
4125	BIRCH 12 20	70'
4126	BIRCH 12 20	55'
4127	OAK 8 15	55'
4128	OAK 8 15	55'
4129	OAK 8 15	70'
4130	BIRCH 10 20	65'
4131	BIRCH 10 20	60'

POINT #	SPECIES/CALIPER/DRIP RADIUS	HEIGHT
4132	OAK 10 DEAD	65'
4133	OAK 8 15	60'
4134	OAK 12 20	60'
4136	OAK 10 15	50'
4137	OAK 10 15	50'
4138	PINE 10 15	50'
4139	BIRCH 10 20	50'
4140	BIRCH 8 15	50'
4141	OAK 12 20	65'
4142	BIRCH 10 20	55'
4143	BIRCH 10 20	55'
4144	OAK 10 15	65'
4145	OAK 10 15	55'
4146	BIRCH 8 15	60'
4147	BIRCH 8 15	65'
4148	BIRCH 8 15	70'
4149	BIRCH 8 15	55'
4150	BIRCH 8 15	55'
4151	BIRCH 8 15	55'
4152	BIRCH 10 20	70'
4153	SPRUCE 10 15	65'
4154	PINE 10 15	60'
4155	SPRUCE 12 20	65'
4156	SPRUCE 12 20	60'
4157	SPRUCE 8 20	60'
4158	PINE 10 15	50'
4159	OAK 8 15	50'
4160	OAK 8 15	50'
4161	OAK 8 15	50'
4162	OAK 10 15	50'
4163	OAK 8 15	65'
4164	BIRCH 8 15	55'
4165	OAK 12 20 TWIN	55'
4166	OAK 12 20	65'
4167	BIRCH 8 15	55'
4168	BIRCH 10 20	60'
4169	BIRCH 8 15 TWIN	65'
4170	CEDAR 10 10	70'
4171	OAK 10 15	55'
4172	PINE 10 15	55'
4173	PINE 12 20	55'
4174	OAK 8 15	70'
4175	OAK 12 12 DEAD	65'
4176	OAK 10 15	60'
4177	OAK 10 15	65'
4178	PINE 10 15	60'
4179	OAK 12 20	60'
4180	OAK 12 20	50'
4181	OAK 8 15	50'
4182	OAK 8 15	50'
4183	OAK 10 15	50'
4184	OAK 10 15	50'
4185	OAK 10 15	65'
4186	OAK 12 20	55'
4187	OAK 8 15	55'
4188	OAK 8 15	65'
4189	OAK 12 20	55'
4190	OAK 8 15	60'
4191	OAK 10 15	65'
4192	OAK 10 15	70'
4193	OAK 12 20	55'
4194	BIRCH 8 15	55'

POINT #	SPECIES/CALIPER/DRIP RADIUS	HEIGHT
4195	BIRCH 8 15	55'
4196	BIRCH 8 15	70'
4197	OAK 10 15	65'
4198	OAK 10 15	60'
4199	OAK 12 20	65'
4200	OAK 8 15	60'
4201	OAK 10 15	60'
4202	OAK 10 15	50'
4203	OAK 10 15	50'
4204	OAK 8 15	50'
4205	OAK 8 15	50'
4206	OAK 10 15	50'
4207	OAK 10 15	65'
4208	OAK 10 15	55'
4209	OAK 8 15	55'
4210	OAK 8 15	65'
4211	OAK 8 15	55'
4212	OAK 10 15	60'
4213	OAK 10 15	65'
4214	OAK 10 15	70'
4215	PINE 8 15	55'
4216	OAK 8 15	55'
4217	OAK 12 20	55'
4218	OAK 12 20	70'
4219	OAK 10 15	65'
4220	OAK 8 15	60'
4221	PINE 12 20	65'
4222	BIRCH 8 15	60'
4223	OAK 10 15	60'
4224	OAK 8 15	50'
4225	OAK 8 15	50'
4226	OAK 8 15	50'
4227	PINE 10 15	50'
4228	BIRCH 12 20	50'
4229	PINE 10 15	65'
4230	OAK 12 20	55'
4231	BIRCH 10 20	55'
4232	PINE 15 25	65'
4233	OAK 10 15	55'
4234	BIRCH 8 15 TWIN	60'
4235	PINE 10 15	65'
4236	PINE 12 20	70'
4237	PINE 12 20	55'
4238	OAK 8 15	55'
4239	BIRCH 10 20	55'
4240	OAK 12 20	70'
4241	BIRCH 8 15	65'
4242	OAK 8 15	60'
4243	OAK 8 15	65'
4244	OAK 10 15	60'
4245	OAK 12 20	60'
4246	OAK 12 20	50'
4247	OAK 10 15	50'
4248	OAK 10 15	50'
4249	PINE 10 15	50'
4250	PINE 10 15	50'
4251	BIRCH 8 15	65'
4252	OAK 8 15	55'
4253	BIRCH 8 15	55'
4254	OAK 10 15 TWIN	65'
4255	OAK 10 15	55'
4256	OAK 8 15	60'

POINT #	SPECIES/CALIPER/DRIP RADIUS	HEIGHT
4257	BIRCH 8 15	65'
4258	BIRCH 8 15	70'
4260	OAK 12 20	55'
4261	BIRCH 8 15	55'
4262	BIRCH 8 15	55'
4263	OAK 12 20	70'
4264	BIRCH 8 15	65'
4265	BIRCH 8 15	60'
4266	OAK 12 20	65'
4267	OAK 12 20	60'
4268	OAK 10 15	60'
4269	BIRCH 8 15	50'
4270	OAK 10 15	50'
4271	OAK 10 15	50'
4272	BIRCH 8 15 TWIN	50'
4273	BIRCH 8 15 TWIN	50'
4274	BIRCH 8 15	65'
4275	BIRCH 8 15	55'
4276	BIRCH 8 15	55'
4277	OAK 10 15	65'
4278	OAK 8 15	55'
4279	OAK 10 15	60'
4280	PINE 8 15	65'
4281	OAK 8 15	70'
4282	OAK 8 15	55'
4283	OAK 8 15	55'
4284	OAK 10 15	55'
4285	OAK 10 15	70'
4286	OAK 8 15	65'
4287	OAK 10 15	60'
4288	OAK 12 20	65'
4289	OAK 8 15	60'
4290	OAK 10 15	60'
4291	OAK 12 20	50'
4292	OAK 10 15	50'
4293	OAK 10 15	50'
4294	OAK 8 15	50'
4295	OAK 10 15	50'
4296	OAK 10 15	65'
4297	OAK 8 15	55'
4298	OAK 8 15	55'
4300	OAK 8 15	65'
4301	OAK 8 15	55'
4302	OAK 10 15	60'
4303	OAK 10 15	65'
4304	OAK 8 15	70'
4305	SPRUCE 10 15	55'
4306	OAK 8 15	55'
4307	OAK 8 15	55'
4308	OAK 10 15	70'
4309	OAK 10 15	65'
4310	OAK 10 15	60'
4311	OAK 10 15	65'
4312	OAK 10 15	60'
4313	OAK 8 15	60'
4319	OAK 8 15	50'
4320	PINE 10 15	50'
4321	OAK 12 20	50'
4322	OAK 12 20	50'
4323	OAK 10 15	50'
4324	OAK 12 20	60'



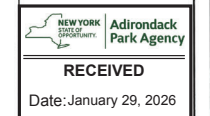
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12396.056	TRR

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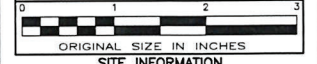


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MDG#: 5000350254

SITE ADDRESS  
2609 NYS RTE 74  
TOWN OF TICONDEROGA  
ESSEX COUNTY  
NY 12883

SHEET TITLE  
TREE INVENTORY LIST

SHEET NUMBER

L-2

NOTE:  
HIGHLIGHTED ROW DENOTES TREES TO BE REMOVED

# VISUAL RESOURCE EVALUATION

## PROPOSED 125' TALL TELECOMMUNICATIONS STRUCTURE SITE NAME: CHILSON

**2609 NYS RTE 74  
Town of Ticonderoga,  
Essex County  
New York, 12883**

Submitted by:

**verizon**

1275 John Street, Suite 100  
West Henrietta, NY 14586

Prepared by:

**Tectonic**

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Latham, New York 12110  
518-783-1630  
845-567-8703 FAX

**May 8, 2025**

## VISUAL RESOURCE EVALUATION

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C., was contracted by Verizon Wireless to conduct a “Visual Resource Evaluation” to determine which areas within the Town of Ticonderoga will contain views of the proposed 125-foot-tall wireless telecommunications structure.

### **Setting:**

The proposed site is situated at 2609 NYS Route 74, positioned between Bear Lake, approximately 2 miles to the west, and the town of Ticonderoga, approximately 5 miles to the southeast, in Essex County, New York. The surrounding land use comprises small pockets of residential and agricultural properties interspersed with extensive wooded areas. The predominant forest species are mixed deciduous and coniferous, with an estimated height of 65 to 95 feet. The field study for this visual resource evaluation was conducted during the late winter season with 100% leaf off conditions.

### **Methodology:**

On Monday March 3, 2025, Tectonic conducted a field investigation for the purpose of evaluating the viewshed associated with the proposed installation of the 125-foot tower. Conditions were clear with a temperature of approximately 23°, and with wind speeds of approximately 5-10 mph. The study area consisted of a 5-mile radius from the project site.

The methodology utilized during this field investigation is referred to as a “balloon test.” The height of the proposed structure was simulated by floating two 4’ diameter, helium-filled weather balloons at 125-feet and 145-feet above ground level (AGL). The balloons provided reference points for height as well as location and also provides a known dimension that later aids in the production of photo simulations.

Prior to the field study, Tectonic assessed the potential visibility in the study area by creating desktop viewshed maps using ESRI ArcGIS Desktop 10.8 in conjunction with a USGS 7.5 Minute Series Topographic Quadrangles Map and aerial base maps and street maps. A viewshed map was created delineating areas where visibility would be blocked by topography and areas where visibility would be blocked by vegetation.

Tectonic drove the study area to confirm the potential visibility of the structure. During the “in field” review the participants reviewed and documented those areas from which views of the structure may be “visible” and those which are blocked by topography and vegetation. The resulting data from this analysis was reviewed and referenced on the “Photo Log” and “Viewshed Map” attached. The colors on the map delineate which areas have a line of sight to the structure. The viewshed analysis revealed that the proposed structure will be most visible from open areas to the south and west on NY-74 and County Route 39, extending up to ¾ of a mile from the site.

Photographs were taken from various vantage points within the study area to document the actual view towards the proposed structure, as well as the general character of the viewshed. Each photograph attached includes a brief description of the location and orientation from which it was taken, and the photo number corresponds to the key number on the photo log map.

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**Process:**

Photographs of the weather balloon from the viewpoints noted were taken with a Nikon D5300 Digital 24-megapixel camera using a 55mm focal length lens to mimic the view as observed from the human eye. Corresponding photos were also taken at a focal length of 85mm at the request of the Adirondack Park Association.

In order to analyze the potential visual impacts of the proposed structure, Tectonic took photographs of the balloons from locations within the search area to prepare simulations of the proposed structure. Photographs with corresponding simulated views (#3, #6, & #7) were produced by first photographing an existing similar type of structure, then photographing the view towards the proposed site where the marker balloons were set to heights of 125 and 145 feet AGL (Above Ground Level). The digital images of the balloons and the similar structure were then merged and scaled using digital image editing software.

Through this process, the structure is scaled to the correct height and width by using measurements from the marker balloons. The similar type of structure used has an antenna array that spans eight feet (8'). By measuring the balloon width of four feet (4'), one can determine the proper width of the antenna array by multiplying the balloon width by a factor of two. The composite is then printed out to a PDF file, producing the final image.


We note that the simulations provided are artistic renderings of views from chosen locations and should not be interpreted to be the actual view of the tower following construction. While we utilize best efforts to simulate the view of the proposed tower from a particular location, some variance between simulations, manufacturer products and final installed towers is to be expected.

**Conclusion:**

The Viewshed Analysis Map presents a conservative delineation of the viewshed within the study area along public roadways. The photo slides have been prepared per the methodology described above and provide a general depiction of the appearance of the structure from the photographed viewpoints.

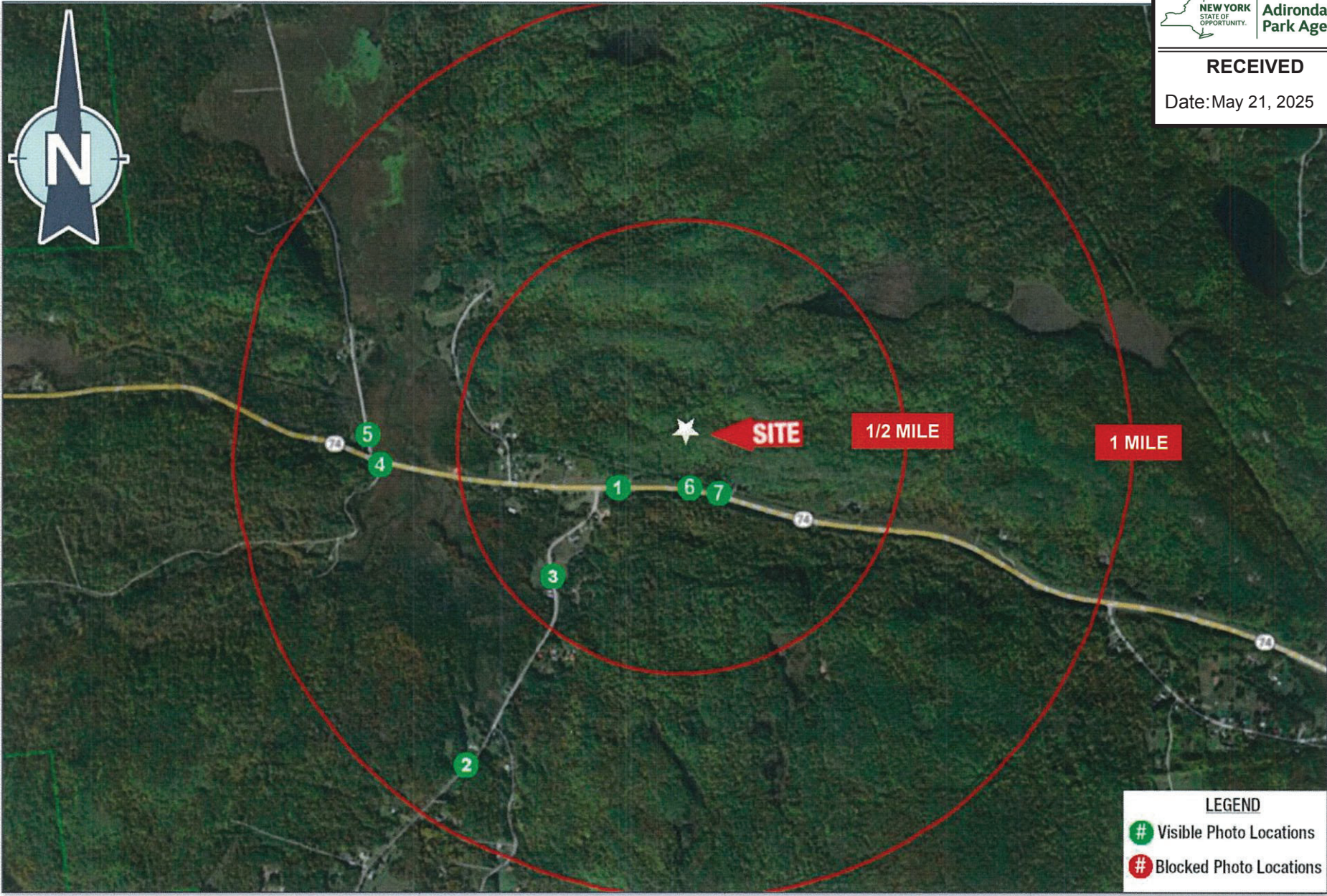
Sincerely,

TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS & LAND SURVEYORS, D.P.C.



Steven M. Matthews, PE  
Managing Director - Engineering





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Looking Northeast from south of the intersection Putts Pond Rd & Armstrong Rd.  
The proposed Verizon Wireless Equipment will be visible from this location.

Distance from the photographic location to the proposed site is 0.87 miles ±

85mm P-2

12396.056



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Looking Northeast from the Chilson Community House near #53 Putts Pond Rd.  
The proposed Verizon Wireless Monopole will be visible from this location.

Distance from the photographic location to the proposed site is 0.40 miles ±

**55mm S-3A**

12396.056



**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Northeast from the Chilson Community House near #53 Putts Pond Rd.  
The proposed Verizon Wireless Monopine will be visible from this location.

Distance from the photographic location to the proposed site is 0.40 miles ±

**55mm S-3B**

12396.056





**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Northeast from the Chilson Community House near #53 Putts Pond Rd.  
The proposed Verizon Wireless Monopole will be partially visible from this location.

Distance from the photographic location to the proposed site is 0.40 miles ±

**85mm S-3A**

12396.056



**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Northeast from the Chilson Community House near #53 Putts Pond Rd.  
The proposed Verizon Wireless Monopine will be partially visible from this location.

Distance from the photographic location to the proposed site is 0.40 miles ±

**85mm S-3B**

12396.056

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**Tectonic**  
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Looking Northeast from the intersection of NY-17 & Bear Pond Rd.  
The proposed Verizon Wireless Equipment will be visible from this location.

Distance from the photographic location to the proposed site is 0.66 miles±

55mm P-4

12396.056

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Date: May 21, 2025



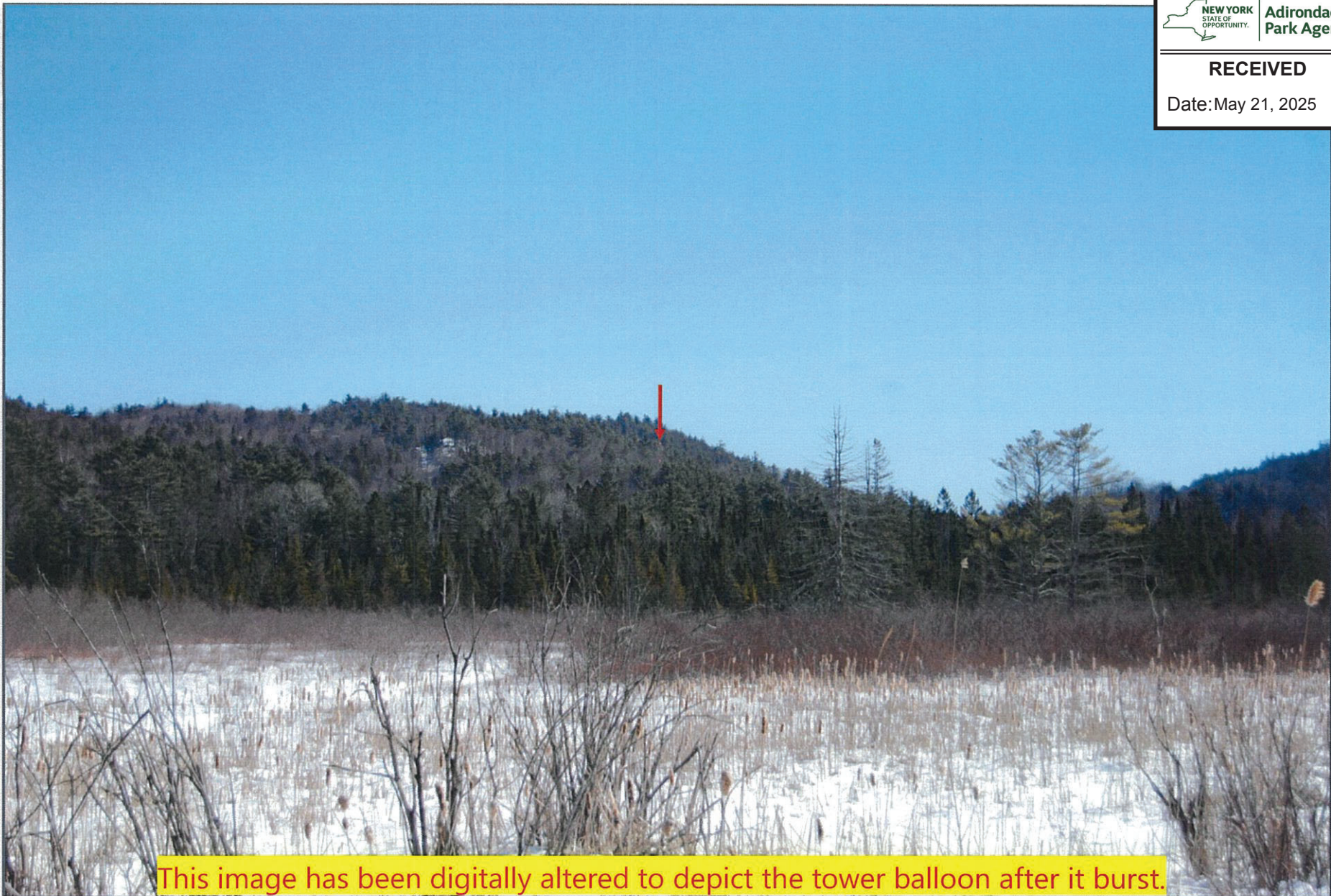
**Tectonic**  
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Looking Northeast from the intersection of NY-17 & Bear Pond Rd.  
The proposed Verizon Wireless Equipment will be visible from this location.

Distance from the photographic location to the proposed site is 0.66 miles±

85mm P-4

12396.056





This image has been digitally altered to depict the tower balloon after it burst.



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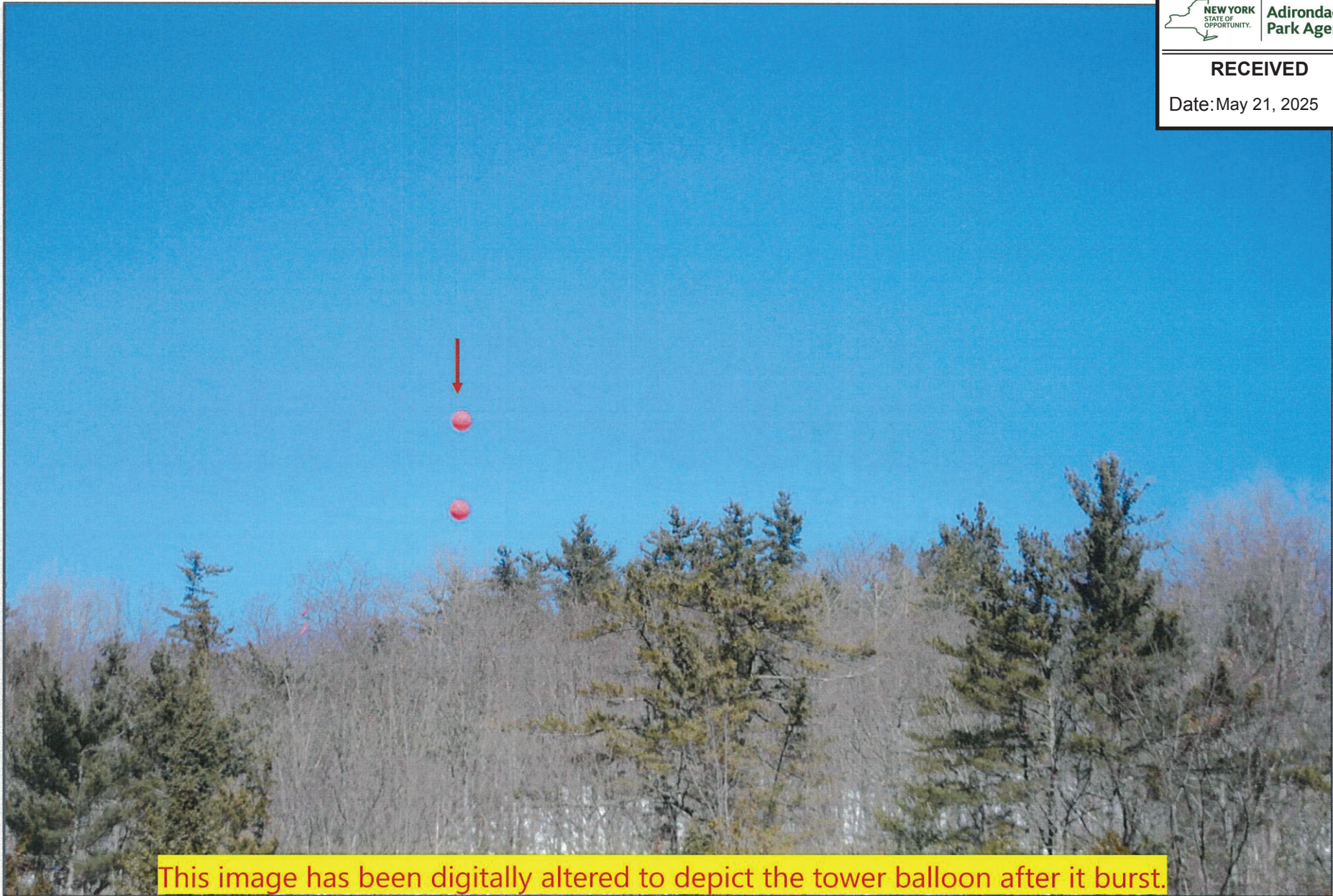
Date: May 21, 2025



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Date: May 21, 2025



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Looking Northwest from along NY-74, west of the access road.  
The proposed Verizon Wireless Monopole will be visible from this location.

Distance from the photographic location to the proposed site is 500' ±

85mm S-6A

12396.056

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This image has been digitally altered to depict the tower balloon after it burst.

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Date: May 21, 2025



**Tectonic**  
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Looking Northwest from near #1689 NY-74.  
The proposed Verizon Wireless Monopole will be visible from this location.

Distance from the photographic location to the proposed site is 700' ±

85mm S-7A

12396.056

