NOTE:
1. POST-MODIFICATION INSPECTION (PMI) REQUIRED ON ALL SITES. REFER TO SHEET PMI OF THESE CONSTRUCTION DRAWINGS, AS WELL AS THE STRUCTURAL LETTER PREPARED BY TKK ENGINEERING D.P.C. INC DATED 10/20/25 FOR ADDITIONAL DETAILS.

2. A STRUCTURAL CERTIFICATION REPORT HAS BEEN ISSUED BY TKK ENGINEERING D.P.C. INC DATED 10/20/25 TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES AND OTHER APPURTENANCES.

verizon

SITE NAME: GEORGIA_3_VT - A
PROJECT NAME: 5G L-SUB6 - CARRIER ADD

4653 ETHAN ALLEN HIGHWAY
GEORGIA, VT 05478
TOWN OF GEORGIA, FRANKLIN COUNTY

SITE INFORMATION

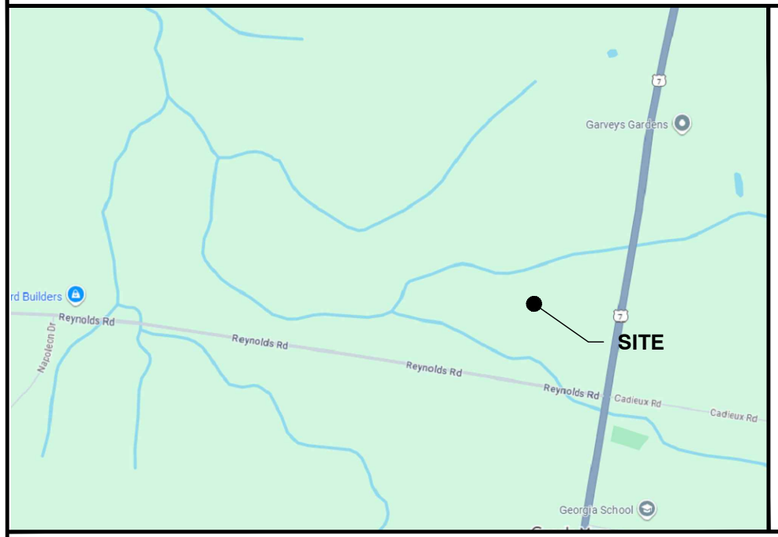
SITE ADDRESS:	4653 ETHAN ALLEN HIGHWAY GEORGIA, VT 05478
JURISDICTION:	TOWN OF GEORGIA FRANKLIN COUNTY
LATITUDE (NAD 83): LONGITUDE (NAD 83):	44° 44' 20.368"" N (44.738991°) 73° 6' 56.876" W (-73.115799°)
PARCEL NUMBER:	237-076-11117
PROPERTY OWNER:	BOISSONNEAULT FAMILY FARM U.S. ROUTE 7 GEORGIA, VT 05478
VZW SITE ID:	5004054
FUZE PROJECT ID:	16994526
STRUCTURE TYPE:	SILO
CONSTRUCTION TYPE:	IIB
USE GROUP:	U
GROUND ELEVATION:	350.0' ± (AMSL)
SITE ACQ:	NETWORK BUILDING + CONSULTING, LLC. TROY ZELLARS TZELLARS@NBCLLC.COM

CONTRACTOR PMI REQUIREMENTS

PMI DOCUMENTATION:	HTTPS://PMI.VZWSMART.COM
PROJECT NUMBER:	100859
SMART TOOL VENDOR PROJECT NUMBER:	TBD
VERIZON MDG LOCATION ID:	5000027078

*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

VICINITY MAP



DIRECTIONS

FROM WESTBOROUGH, MA :GET ON I-495 N FROM CONNECTOR RD AND MA-9 E, HEAD SOUTHEAST TOWARD FLANDERS RD, TURN RIGHT, TURN RIGHT ONTO FLANDERS RD, CONTINUE STRAIGHT ONTO CONNECTOR RD, TURN RIGHT ONTO RESEARCH DR,USE THE LEFT 2 LANES TO TURN LEFT TO MERGE ONTO MA-9 E, USE THE RIGHT LANE TO MERGE ONTO I-495 N VIA THE RAMP TO LOWELL, CONTINUE ON I-495 N. TAKE I-89 N TO US-7 N IN GEORGIA. TAKE EXIT 18 FROM I-89 N, MERGE ONTO I-495 N, USE THE RIGHT LANE TO TAKE EXIT 89A-B-C FOR US-3/LOWELL CONNECTOR TOWARD BURLINGTON/NASHUA N H, USE THE MIDDLE LANE TO TAKE THE RAMP TO US-3 N, USE THE RIGHT LANE TO TURN SLIGHTLY RIGHT ONTO THE US-3 N RAMP TO NASHUA N H, USE ANY LANE TO TAKE THE RAMP ONTO US-3 N, CONTINUE ONTO EVERETT TPKE/FREDERICK E EVERETT TPKE N, CONTINUE ONTO I-293 N/EVERETT TPKE/FREDERICK E EVERETT TPKE N, I-293 N TURNS SLIGHTLY LEFT AND BECOMES I-93 N, KEEP LEFT TO CONTINUE ON I-93, TAKE THE EXIT ONTO I-89 N, TAKE EXIT 18 TOWARD US-7 N, TURN LEFT ONTO US-7 N

LEADS TO LATITUDE 44.739022° AND LONGITUDE -73.115283° . (DRIVEWAY TO COMPOUND)

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2021 INTERNATIONAL BUILDING CODE
- 2017 NATIONAL ELECTRICAL CODE
- NFPA 1 FIRE CODE, 2021 EDITION
- NFPA 101 LIFE SAFETY CODE, 2021 EDITION
- AMERICAN CONCRETE INSTITUTE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- MANUAL OF STEEL CONSTRUCTION 15TH EDITION
- ANSI/TIA-222-G
- TIA 607
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- TELECORDIA GR-1275
- ANSI/T 311

DRAWING INDEX

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

SCOPE OF WORK

INSTALLING:

- INSTALL (3) MT6413-77A INTEGRATED ANTENNAS
- INSTALL (3) RF4801D-25A RRHS
- INSTALL (3) RF4461D-13A RRHS
- INSTALL (3) 3X6/NGOVPS
- INSTALL (3) DAC PIPE-TO-PIPE CLAMPS
- INSTALL (6) 2" SCH 40 ANTENNA PIPES

REMOVING:

- REMOVE (3) SBNHH-1D65B PANEL ANTENNAS
- REMOVE (3) B25-PCS 4X30-4R RRH
- REMOVE (3) B66A-AWS 4X45-4R RRH
- REMOVE (3) DUAL ANTENNA MOUNTS

PROJECT MANAGMENT FIRM

NB+C™ TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
300 UNICORN PARK DRIVE, SUITE 0501
WOBURN, MA 01801

ENGINEERING FIRM

TKK ENGINEERING
TKK ENGINEERING D.P.C. INC.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

APPLICANT

verizon
118 FLANDERS ROAD
FLOOR 3
WESTBOROUGH, MA 01581

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TOWN OF GEORGIA
FRANKLIN COUNTY

DESIGN RECORD

REVISIONS

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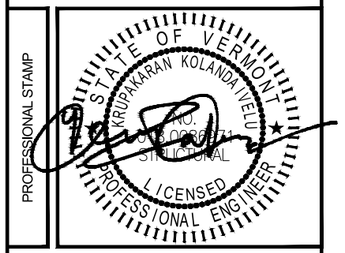
0	11/03/25	FINAL CDs	CWE

PROFESSIONAL STAMP



ENGINEER

KRUPAKARAN KOLANDAIVELU P.E.
VERMONT PROFESSIONAL ENGINEER
LICENSE #018.0086971

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SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

LAST PLOTTED: 12/1/2025 10:59 AM

GENERAL NOTES:

1. THE CONTRACTOR SHALL GIVE ALL NOTICE AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES.
2. THE ARCHITECT/ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE CONSTRUCTION MANAGER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN, EXCEPT FOR FIBER OPTIC CABLE AND OTHER MATERIALS IDENTIFIED BY CONSTRUCTION MANAGER.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWING/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURES/VENDORS SPECIFICATION UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTIONS MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AND KEEPING A COPY ON SITE, ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
11. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY TO ORIGINAL OR BETTER CONDITION.
12. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
13. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
14. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL IS RESOLVED BY THE CONSTRUCTION MANAGER CONSTRUCTION MANAGER.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE PROJECT.
16. OWNER/CONTRACTOR SHALL CONTACT ONE CALL MINIMUM 72 HOURS PRIOR TO THE START OF CONSTRUCTION FOR LOCATION OF EXISTING UNDERGROUND UTILITIES.
17. SUBMITTAL OF BID INDICATES THAT THE CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
18. THESE PLANS ARE DIAGRAMMATIC ONLY, FOLLOW AS CLOSELY AS POSSIBLE.
19. CONTRACTOR SHALL COORDINATE ALL WORK BETWEEN TRADES AND ALL OTHER SCHEDULING AND PROVISIONARY CIRCUMSTANCES SURROUNDING THE PROJECT.
20. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR COMPLETE AND FUNCTIONALLY OPERATING SYSTEMS ENERGIZED AND READY FOR USE THROUGHOUT AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.
21. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION. LEGALLY DISPOSE OF ALL REMOVED, UNUSED AND EXCESS MATERIAL GENERATED BY THE WORK OF THIS CONTRACT. DELIVER ITEMS INDICATED ON THE DRAWINGS TO THE OWNER IN GOOD CONDITION. OBTAIN SIGNED RECEIPT UPON DELIVERY.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
23. .THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THIS FACILITY.
24. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
25. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITIES PRIOR TO EXCAVATING.
26. IF ANY UNDERGROUND UTILITIES OR STRUCTURES EXIST BENEATH THE PROJECT AREA, CONTRACTOR MUST LOCATE IT AND CONTACT THE APPLICANT & THE OWNER'S REPRESENTATIVE.
27. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY 2 TIMES PER MONTH.
28. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
29. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
30. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED).
31. AFTER COMPLETION OF CONSTRUCTION, RED LINED AS-BUILT PLANS SHALL BE PROVIDED TO CONSTRUCTION MANAGER.

ELECTRICAL NOTES:

1. CONTRACTOR SHALL PERFORM ALL VERIFICATIONS, OBSERVATION TESTS, AND EXAMINATION WORK PRIOR TO ORDERING OF ANY EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE PROJECT MANAGER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.
2. VERIFY HEIGHTS WITH PROJECT MANAGER PRIOR TO INSTALLATION.
3. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. ELECTRICAL MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORIES AND SHALL BEAR THE INSPECTION LABEL "J" WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF ALL GOVERNING BODIES HAVING JURISDICTION OVER THE CONSTRUCTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA AND NBFU. ALL MATERIALS AND EQUIPMENT SHALL BE APPROVED FOR THEIR INTENDED USE AND LOCATION.
4. ALL WORK SHALL COMPLY WITH ALL APPLICABLE GOVERNING STATE, COUNTY AND CITY CODES AND OSHA, NFPA, NEC & ASHRAE REQUIREMENTS.
5. ENTIRE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE. ALL WORK, MATERIAL AND EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.
6. PROPERLY SEAL ALL PENETRATIONS. PROVIDE UL LISTED FIRE-STOPS WHERE PENETRATIONS ARE MADE THROUGH FIRE-RATED ASSEMBLIES. WATER-TIGHT USING SILICONE SEALANT.
7. DELIVER ALL BROCHURES, OPERATING MANUALS, CATALOGS AND SHOP DRAWINGS TO THE PROJECT MANAGER AT JOB COMPLETION. PROVIDE MAINTENANCE MANUALS FOR MECHANICAL EQUIPMENT. AFFIX MAINTENANCE LABELS TO MECHANICAL EQUIPMENT.
8. ALL CONDUCTORS SHALL BE COPPER. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG., UNLESS OTHERWISE NOTED. CONDUCTORS SHALL BE TYPE THHW, RATED IN ACCORDANCE WITH NEC 110-14(C).
9. ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THE MAXIMUM INTERRUPTING CURRENT TO WHICH THEY MAY BE SUBJECTED.
10. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE; ARTICLES 250 & 810 AND THE UTILITY COMPANY STANDARDS.
11. CONDUIT:
    A. RIGID CONDUIT SHALL BE U.L. LABEL GALVANIZED ZINC COATED WITH ZINC INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS, IN CONTACT WITH THE EARTH, UNDER PUBLIC ROADWAYS, IN MASONRY WALLS OR EXPOSED ON BUILDING EXTERIOR. RIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HUNTS WRAP PROCESS NO. 3.
    B. ELECTRICAL METALLIC TUBING SHALL HAVE U.L. LABEL, FITTINGS SHALL BE GLAND RING COMPRESSION TYPE. EMT SHALL BE USED ONLY FOR INTERIOR RUNS.
    C. LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL BE U.L. LISTED AND SHALL BE USED AT FINAL CONNECTIONS TO MECHANICAL EQUIPMENT & RECTIFIERS AND WHERE PERMITTED BY CODE. ALL CONDUIT IN EXCESS OF SIX FEET IN LENGTH SHALL CONTAIN A FULL-SIZE GROUND CONDUCTOR.
    D. CONDUIT RUNS SHALL BE SURFACE MOUNTED ON CEILINGS OR WALLS UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL RUN PARALLEL OR PERPENDICULAR TO WALLS, FLOOR, CEILING, OR BEAMS. VERIFY EXACT ROUTING OF ALL EXPOSED CONDUIT WITH THE PROJECT MANAGER PRIOR TO INSTALLING.
    E. PVC CONDUIT MAY BE PROVIDED ONLY WHERE SHOWN, OR IN UNDERGROUND INSTALLATIONS. PROVIDE UV-RESISTANT CONDUIT WHERE EXPOSED TO THE ATMOSPHERE. PROVIDE GROUND CONDUCTOR IN ALL PVC RUNS; EXCEPT WHERE PERMITTED BY CODE TO OMIT.
12. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS. BACKGROUND SHALL BE BLACK WITH WHITE LETTERS; EXCEPT AS REQUIRED BY CODE TO FOLLOW A DIFFERENT SCHEME.
13. UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL OF POTENTIAL GROUNDING TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO PROJECT MANAGER. GROUNDING SYSTEM RESISTANCE SHALL NOT EXCEED 5 OHMS. IF THE RESISTANCE VALUE IS EXCEEDED, NOTIFY THE PROJECT MANAGER FOR FURTHER INSTRUCTION ON METHODS FOR REDUCING THE RESISTANCE VALUE.
14. COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS SHALL BE PAID BY THE CONTRACTOR.
15. VERIFY ALL EXISTING CIRCUITRY PRIOR TO REMOVAL AND NEW WORK. MAINTAIN POWER TO ALL OTHER AREAS & CIRCUITS NOT SCHEDULED FOR REMOVAL.

GROUNDING NOTES:

1. GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
2. ALL GROUNDING DEVICES SHALL BE U.L. APPROVED OR LISTED FOR THEIR INTENDED USE.
3. ALL WIRES SHALL BE AWG THHN/THWN COPPER UNLESS NOTED OTHERWISE.
4. ANTENNA MOUNTS, GROUND RODS, GROUND RING WIRE, TOWER BASE AND FENCE POSTS SHALL BE WELDED TO UNLESS NOTED OTHERWISE. CLEAN SURFACES TO SHINY METAL. WHERE GROUND WIRES ARE WELDED TO GALVANIZED SURFACES, SPRAY WELD WITH GALVANIZING PAINT. REMAINING GROUNDING CONNECTIONS SHALL BE COMPRESSION FITTINGS.
5. REFER TO GROUNDING PLAN FOR GROUND BAR LOCATIONS. GROUNDING CONNECTIONS TO GROUND BARS ARE TO BE TWO-HOLE BRASS MECHANICAL CONNECTORS WITH STAINLESS STEEL HARDWARE (INCLUDING SCREW SET) CLEAN GROUND BAR TO SHINY METAL. AFTER MECHANICAL CONNECTION, TREAT WITH PROTECTIVE ANTIOXIDANT COATING.
6. GROUND COAXIAL CABLE SHIELDS AT BOTH ENDS WITH MANUFACTURER'S GROUNDING KITS.
7. ROUTE GROUNDING CONDUCTORS THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. BEND GROUNDING LEADS WITH A MINIMUM 12" RADIUS.
8. INSTALL #2 AWG GREEN-INSULATED STRANDED WIRE FOR ABOVE GRADE GROUNDING AND #2 TINNED SOLID COPPER WIRE FOR BELOW GRADE GROUNDING UNLESS OTHERWISE NOTED.
9. THE GROUND ELECTRODE SYSTEM SHALL CONSIST OF DRIVEN GROUND RODS POSITION ACCORDING TO GROUNDING PLAN. THE GROUND RODS SHALL BE 5/8"X10'-0" COPPER CLAD STEEL INTERCONNECTED WITH #2 TINNED SOLID COPPER WIRE BURIED 36" BELOW GRADE. BURY GROUND RODS A MAXIMUM OF 2X ROD LENGTH OR MIN 1X ROD LENGTH.
10. F ROCK IS ENCOUNTERED GROUND RODS SHALL BE PLACED AT AN OBLIQUE ANGLE NOT TO EXCEED 45'.
11. EXOTHERMIC WELDS SHALL BE MADE IN ACCORDANCE WITH ERICO PRODUCTS BULLETIN A-AT OR EQUAL.
12. CONSTRUCTION OF GROUND RING AND CONNECTIONS TO EXISTING GROUND RING SYSTEM SHALL BE DOCUMENTED WITH PHOTOGRAPHS PRIOR TO BACKFILLING SITE. PROVIDE PHOTOS TO THE CONSTRUCTION MANAGER CONSTRUCTION MANAGER.
13. ALL GROUND LEADS EXCEPT THOSE TO THE EQUIPMENT ARE TO BE #2 TINNED SOLID COPPER WIRE. ALL EXTERIOR GROUND BARS TINNED COPPER.
14. PRIOR TO INSTALLING LUGS ON GROUND WIRES, APPLY THOMAS & BETTS KOPR-SHIELD (TM OF JET LUBE INC.). PRIOR TO BOLTING GROUND WIRE LUGS TO GROUND BARS, APPLY KOPR-SHIELD OR EQUAL.
15. ENGAGE AN INDEPENDENT ELECTRICAL TESTING FIRM TO TEST AND VERIFY THAT IMPEDANCE DOES NOT EXCEED FIVE OHMS TO GROUND BY MEANS OF "FALL OF POTENTIAL TEST". TEST SHALL BE WITNESSED BY A CONSTRUCTION MANAGER REPRESENTATIVE, AND RECORDED ON THE "GROUND RESISTANCE TEST" FORM.
16. WHERE BARE COPPER GROUND WIRES ARE ROUTED FROM ANY CONNECTION ABOVE GRADE TO GROUND RING, INSTALL WIRE IN 3/4" PVC SLEEVE, FROM 1' BELOW GRADE AND SEAL TOP WITH SILICONE MATERIAL.
17. PREPARE ALL BONDING SURFACES FOR GROUNDING CONNECTIONS BY REMOVING ALL PAINT AND CORROSION DOWN TO SHINY METAL. FOLLOWING CONNECTION, APPLY APPROPRIATE ANTI-OXIDIZATION PAINT.
18. ANY SITE WHERE THE EQUIPMENT (BTS, CABLE BRIDGE, PPC, GENERATOR, ETC.) IS LOCATED WITHIN 6 FEET OF METAL FENCING, THE GROUND RING SHALL BE BONDED TO THE NEAREST FENCE POST USING (3) RUNS OF #2 BARE TINNED COPPER WIRE.

LAST PLOTTED: 12/1/2025 10:59 AM

PROJECT MANAGMENT FIRM

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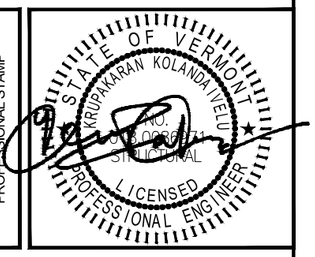

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SHEET TITLE

GENERAL NOTES I

SHEET NUMBER

GN-1

GROUNDING GUIDELINES:

ALL EQUIPMENT THAT IS INSTALLED AND MAY CAUSE ANY KIND OF ELECTRICAL CHARGE OR BUILD UP MUST HAVE PROPER AND ADEQUATE GROUNDING IN PLACE TO PREVENT FROM EQUIPMENT DAMAGE AND SHOCK HAZARDS.

COAX GROUNDS

IN LINE GROUNDS SHOULD BE INSTALLED WITH THE PROPER SIZE GROUND KITS ON ALL COAX CABLES. THE KITS ARE INSTALLED ON FRONT AND BACK OF COAX RUNS OVER APPROXIMATELY 15 FEET. ANYTHING OVER 300 FEET NEEDS AN ADDITIONAL GROUND AROUND THE 150 FOOT MARK.

SURGE ARRESTORS

IF IT HAS A PLACE FOR A GROUND – GROUND IT.

MAST PIPES

ALL MAST PIPES SHOULD BE GROUND WITH BEAR METAL ON THE PLACE THE GROUND IS ATTACHED AND THEN COLD GALVANIZATION OVER THE BARE METAL TO PREVENT RUST. THE GROUND CAN BE ATTACHED MECHANICALLY OR AN EXOTHERMIC WELD (CAD WELD) MAY BE USED. IF THE MAST PIPE IS THE TALLEST POINT ON A BUILDING IT SHOULD ALSO HAVE A LIGHTNING ROD ATTACHED TO IT AS WELL.

COMPONENTS

IF IT HAS A PLACE FOR A GROUND TO BE INSTALLED – INSTALL IT.

ANY STRUCTURE OR FRAME SHOULD HAVE 2 GROUND WIRE, I.E. MAST PIPES, OUTDOOR ENCLOSURES, SHROUDS, BUSS BAR HOME RUN TO EARTH GROUND. ALL EQUIPMENT HAS 6 TO BUSS BARS.

ALL BUSS BARS NEED TO HAVE A LINK TO AN EARTH GROUND SYSTEM AND MUST BE ISOLATED IF MOUNTED ON ANYTHING THAT MAY RETAIN AN ELECTRIC CHARGE. NO EXCEPTIONS. ALL EQUIPMENT SHOULD RUN TO BUSS BARS. LUGS ON BUSS BARS SHOULD HAVE FRONT AND BACK FLAT WASHERS SANDWICHING THE LUG(S) TO THE BAR AND NOT OVERLAPPING CAUSING IT TO HOLD OR PIN DOWN OTHER LUGS ON THE BAR. THERE SHOULD ALWAYS BE A LOCK WASHER CLOSEST TO THE NUT ON THE BOLT FOR A LUG. NEVER IS IT OK TO STACK LUGS ON TOP OF EACH OTHER. IF THERE IS NOT ENOUGH SPACE, GET A BIGGER BUSS BAR. THEY SHOULD ALL HAVE A DIRECT CONTACT TO A BUSS BAR WITH NO–OX COATED BETWEEN THE LUG AND THE BUSS BAR. ALL GROUNDS SHOULD HAVE HEAT SHRINK OVER THE LUG (UNLESS IT'S NON–JACKETED WIRE). ALL LUGS NEED TO BE CRIMPED ON SECURELY WITH THE PROPER DYE AND TOOL (NOT CHANNEL LOCK CRIMPED). THERE SHOULD BE NO MORE THAN 1/16 INCH BARE CABLE SHOWING (SHINER) BETWEEN THE JACKET AND THE LUG. INSIDE LUGS SHOULD HAVE CLEAR HEAT SHRINK TO INSPECT THE CRIMPS AND SHINERS. INSIDE LUGS SHOULD HAVE INSPECTION WINDOWS TO SHOW THE GROUND WIRE IS INSERTED INTO THE LUG ALL THE WAY AND IS PROPERLY INSTALLED. OUTDOOR LUGS MAY HAVE BLACK OR GREEN HEAT SHRINK.

WEATHER SEAL GUIDELINES:

BUTYL

1. PRE WRAP ALL CONNECTIONS WITH BLACK ELECTRICAL TAPE TO COVER ALL METAL SHOWING TO PREVENT DAMAGE TO CONNECTOR WHEN WEATHER SEAL IS TO BE REMOVED. 3/4 INCH OR 2 INCH TAPE CAN BE USED FOR THIS PROCESS.
2. WRAP CONNECTIONS WITH BUTYL WEATHER SEALANT WITH TWO LAYERS TO FORM A CONE LIKE SHAPE, OVER LAPPING THE LAYERS BY AT LEAST 50%. MOLD SEALANT TO PROPER SHAPE. THIS STEP IS CRUCIAL OR THE BUTYL WILL LEAK OVER TIME.
3. WRAP SEALANT WITH 2 LAYERS OF 2 INCH TAP, (YOU CAN CUT INTO STRIPS IN TIGHT AREAS). FIRST WRAP SHOULD BE PULLED SMOOTH TO MAKE FINAL WRAPS CLEAN AND CRISP. 2ND WRAP SHOULD BE PULLED TIGHTER THAN FIRST TO HOLD SEALANT INTO PROPER (CONE LIKE) SHAPE. OVER LAPPING TAPE SHOULD COVER AT LEAST 50% OF EACH LAYER OF TAPE PRIOR.
4. UPON COMPLETION OF 2 LAYERS OF 2 INCH TAPE FINALIZE WITH AT LEAST 3 LAYERS OF 3/4 INCH TAPE. EACH WRAP OF TAPE SHOULD BE PULLED TIGHTER THAN WRAP BEFORE TO SQUEEZE SEALANT INTO A MOLD AND WILL PREVENT ANY SEALANT FROM LEAKING OUT THE SIDES OVER TIME. EACH LAYER SHOULD COVER PRIOR LAYERS AT LEAST 50%.
5. OVERLAP THE TAPE 50% OF THE PREVIOUS LAYER.
6. ALWAYS FINISH THE LAST WRAP OF TAPE GOING UP TO CREATE A SHINGLING OF THE TAPE SO IN THE WEATHER ANYTHING THAT RUNS DOWN THE CABLE WILL NOT LEAK INTO THE SEALANT. CUT THE END OF THE TAPE AND LAY IT ONTO THE FINISH. DO NOT STRETCH THE END OF THE TAPE. THIS WILL CAUSE THE TAPE TO PULL OFF OVER TIME AND CREATE A FLAGGING AFFECT.

FUSION TAPE

1. CHECK TO MAKE SURE ALL CONNECTORS ARE TORQUED TO PROPER SPECIFICATIONS BEFORE YOU BEGIN.
2. NOTE: THIS STEP DOES NOT NEED A CURTSY WRAP BECAUSE THE TAPE DOES NOT ACTUALLY ADHERE TO THE CONNECTOR ITSELF BUT BINDS TO ITSELF. ALSO KNOWN AS "SELF–AMALGAMATING TAPE.
3. WRAP CONNECTIONS FUSION TAPE SEALANT WITH TWO LAYERS TO FORM A CONE LIKE SHAPE. FUSION TAPE MUST OVER LAP AT LEAST 50% TO FORM A PROPER SEAL. COVER ALL OF THE BARE METAL SHOWING (AT LEAST 1–1/2 INCH PAST END OF CONNECTOR.)
4. IF THIS "TAPE" IS NOT PULLED TIGHT WHILE WRAPPING YOU WILL NOT CREATE A PROPER SEAL, IT MUST BE STRETCHED TO CREATE BOND TO ITSELF.
5. WRAP AT LEAST 2 LAYERS OF 3/4 INCH TAPE. EACH LAYER SHOULD COVER AT LEAST 50% OF PREVIOUS TAPE WRAP.
6. ALWAYS FINISH THE LAST WRAP OF TAPE GOING UP TO CREATE A SHINGLING OF THE TAPE SO IN THE WEATHER ANYTHING THAT RUNS DOWN THE CABLE WILL NOT LEAK INTO THE SEALANT. CUT THE END OF THE TAPE AND LAY IT ONTO THE FINISH. DO NOT STRETCH THE END OF THE TAPE. THIS WILL CAUSE THE TAPE TO PULL OFF OVER TIME AND CREATE A FLAGGING AFFECT.

HEAT SHRINK

1. PRE WRAP ALL CONNECTIONS WITH BLACK ELECTRICAL TAPE TO COVER ALL METAL SHOWING TO PREVENT DAMAGE TO CONNECTOR WHEN WEATHER SEAL IS TO BE REMOVED. 3/4 INCH OR 2 INCH TAPE CAN BE USED FOR THIS PROCESS.
2. USE ONLY OUTDOOR RATED HEAT SHRINK THAT HAS THE SELF–ADHESIVE WHEN HEATED PROPERLY. THIS IS WHAT WILL CREATE THE SEAL TO THE CONNECTOR.
3. MAKE SURE HEAT SHRINK COVERS ALL OF THE COUPLERS AND CONNECTIONS. HEAT THE HEAT SHRINK TO SHRINK TIGHTLY TO THE CONNECTIONS AND CABLE. MAKE SURE THE HEAT SHRINK IS SEALED TOP AND BOTTOM OF THE CONNECTIONS. ALSO CHECK TO MAKE SURE HEAT SHRINK WAS NOT OVER HEATED AND THERE ARE NO BREAKS IN SEAL THROUGH–OUT THE SHRINK TUBING.

STRUCTURAL NOTES

1. THE STRUCTURAL STEEL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ANCHOR BOLT LOCATIONS, ELEVATION OF TOP OF CONCRETE AND BEARING PLATES, ALIGNMENT ETC. PRIOR TO START OF STEEL ERECTION.
2. THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS SHALL GOVERN:
   A. AISC – "ALLOWABLE STRESS DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
   B. AISC – "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
   C. AWS – "D1.1 STRUCTURAL WELDING CODE – STEEL".
3. MATERIAL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

STRUCTURAL WIDE FLANGE & M SHAPES	A992 OR A572 Fy = 50KSI
OTHER STRUCTURAL SHAPES AND PLATES	A36, Fy = 36 KSI
STRUCTURAL TUBING	A500, GRADE B Fy = 46 KSI
HIGH STRENGTH BOLTS	A325
THREADED RODS	A354, GRADE BC
ANCHOR BOLTS	A325 OR A354 BC
PIPE (HANDRAIL)	SCH 40 PIPE

4. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70XX ELECTRODES. UNLESS OTHERWISE NOTED PROVIDE CONTINUOUS MINIMUM SIZED FILLET WELDS PER AISC REQUIREMENTS.
5. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED. ALL HOLES IN BEARING PLATES SHALL BE DRILLED.
6. ALL STEEL TO BE HOT–DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123.
7. EPOXY ANCHORS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
8. ALL BOLTS SHALL BE TIGHTENED USING TURN–OF–THE–NUT METHOD PER AISC SPECIFICATIONS USING STANDARD HOLES.
9. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND FIT PRIOR TO FABRICATION.
10. THE FABRICATOR SHALL FURNISH CHECKED SHOP AND ERECTION DRAWINGS TO THE ENGINEER, AND OBTAIN APPROVAL PRIOR TO FABRICATING ANY STRUCTURAL STEEL. SHOP DRAWINGS SHALL CONFORM TO AISC "DETAILING FOR STEEL CONSTRUCTION".

11 CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO MATERIAL BIDDING, MATERIAL ORDERS, AND FABRICATION. ANY DIMENSIONS SHOWN BASED ON EXISTING STRUCTURE CONFIGURATION ARE APPROXIMATE AND MUST BE VERIFIED IN ORDER TO ACHIEVE PROPER FIT UP. CONTRACTOR SHALL COORDINATE WITH BUILDING OWNERS APPROVED ROOFER FOR ALL PENETRATIONS, WEATHERPROOFING AND SEALING. CONTRACTOR SHALL ENSURE ROOF MEMBRANE WARRANTY IS MAINTAINED, AS APPLICABLE AND PER ROOF MEMBRANE MANUFACTURER SPECIFICATIONS.

LAST PLOTTED: 12/1/2025 10:59 AM

PROJECT MANAGMENT FIRM

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APPLICANT

verizon
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FLOOR 3
WESTBOROUGH, MA 01581

SITE INFORMATION

GEORGIA_3_VT - A
4653 ETHAN ALLEN HWY
GEORGIA, VT 05478
TOWN OF GEORGIA
FRANKLIN COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	12/01/25	REVISED PER COMMENTS	CSG
0	11/03/25	FINAL CDs	CWE

PROFESSIONAL STAMP

STATE OF VERMONT
KRUPAKARAN KOLANDAIVELU
NO. 018.0086971
STRUCTURAL
LICENSED
PROFESSIONAL ENGINEER

ENGINEER

KRUPAKARAN KOLANDAIVELU P.E.
VERMONT PROFESSIONAL ENGINEER
LICENSE #018.0086971
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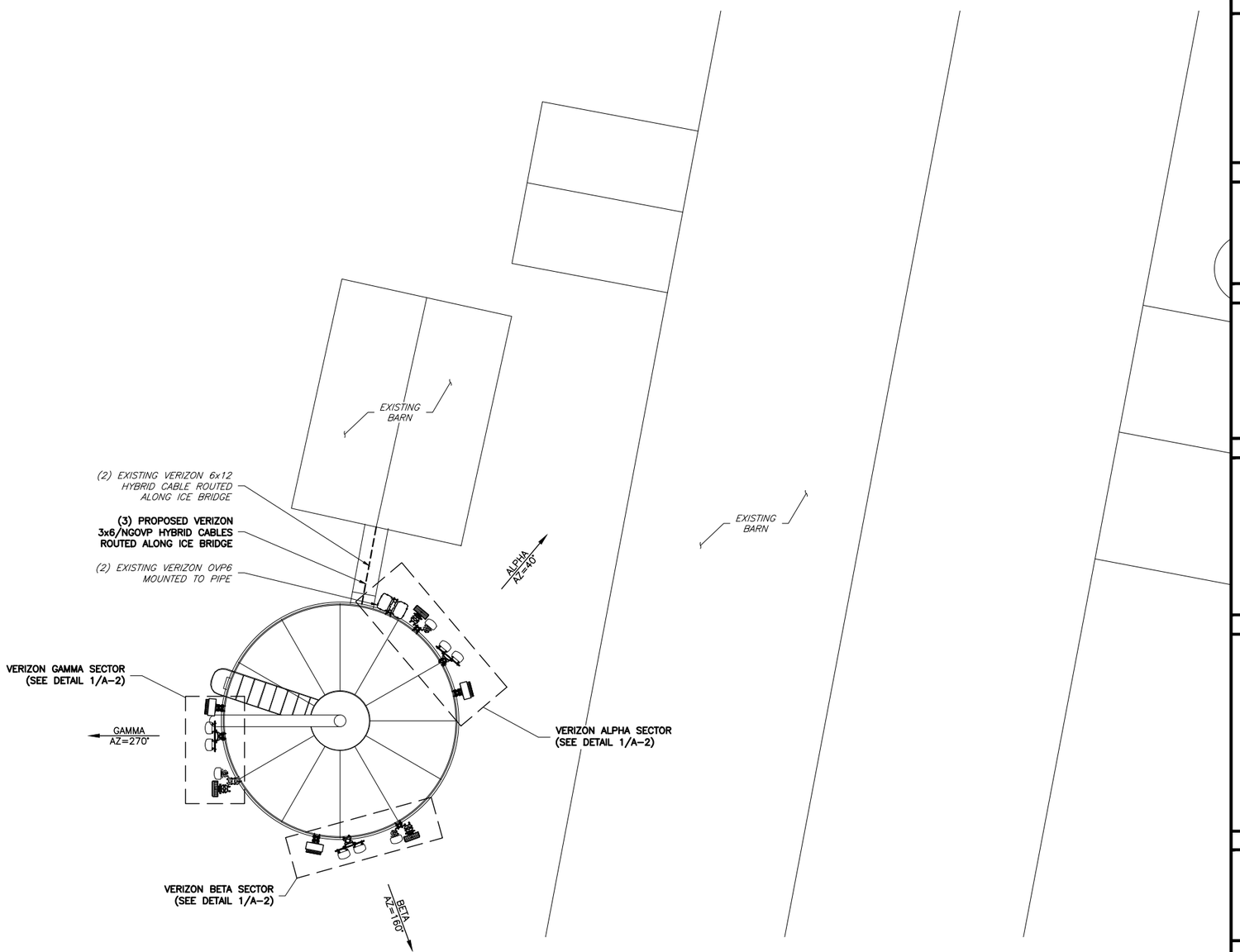
SHEET TITLE

GENERAL NOTES II

SHEET NUMBER

GN-2

TRUE NORTH



1 / C-1 COMPOUND PLAN
SCALE: 3/16" = 1' (22X34)
SCALE: 3/32" = 1' (11X17)

GRAPHIC SCALE
8 4 0 1 2 4 8
3/16 INCH = 1 FOOT (22X34)
3/32 INCH = 1 FOOT (11X17)

LAST PLOTTED: 12/1/2025 11:00 AM

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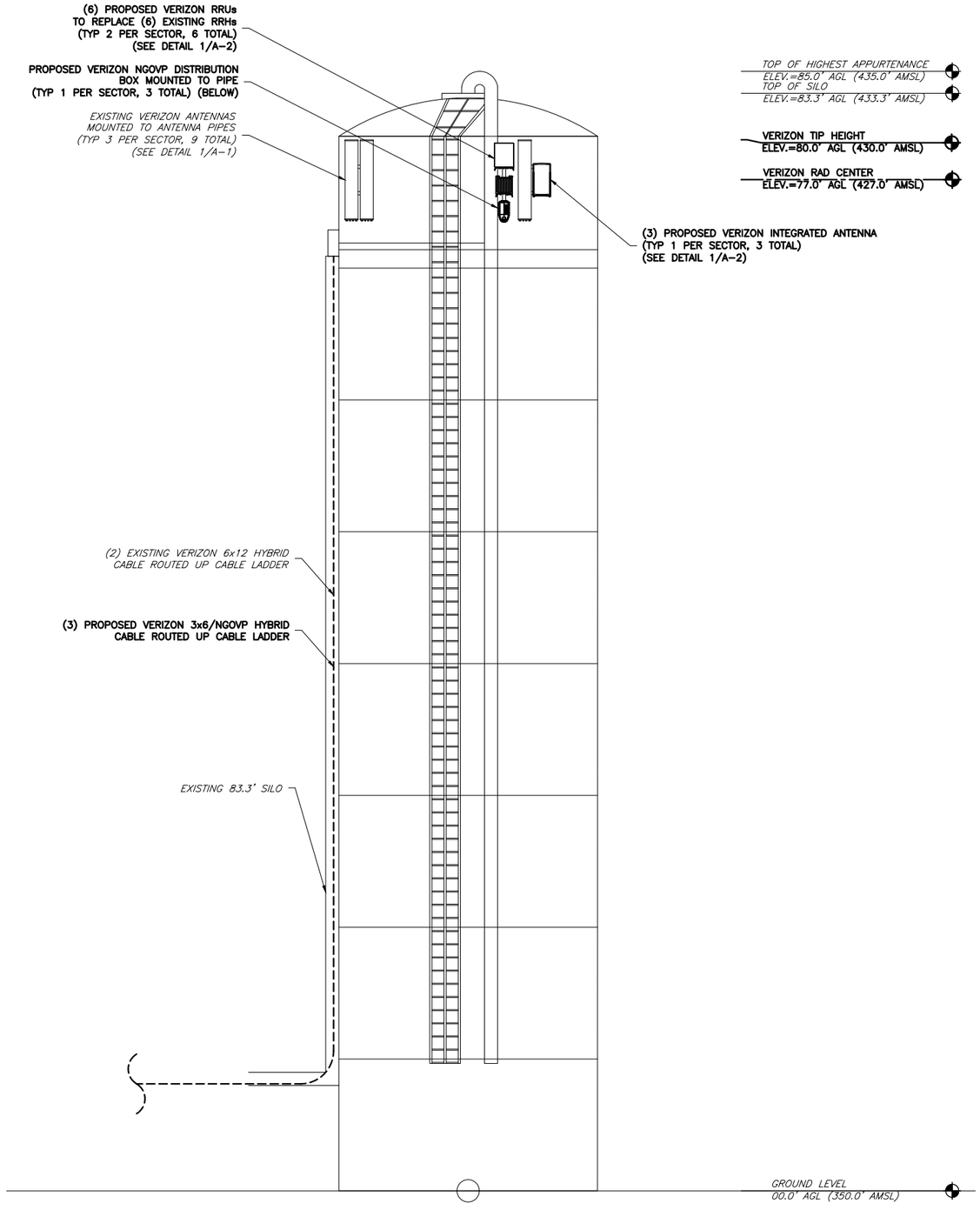
SHEET TITLE

COMPOUND PLAN

SHEET NUMBER

C-1



1 / C-2 ELEVATION
SCALE: 1" = 5' (22X34)
SCALE: 1" = 10' (11X17)

GRAPHIC SCALE
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1 INCH = 5 FEET (22X34)
1 INCH = 10 FEET (11X17)

LAST PLOTTED: 12/1/2025 11:00 AM

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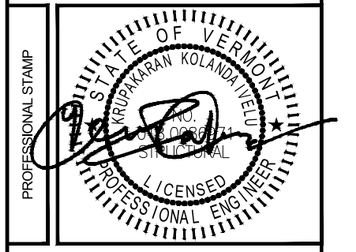

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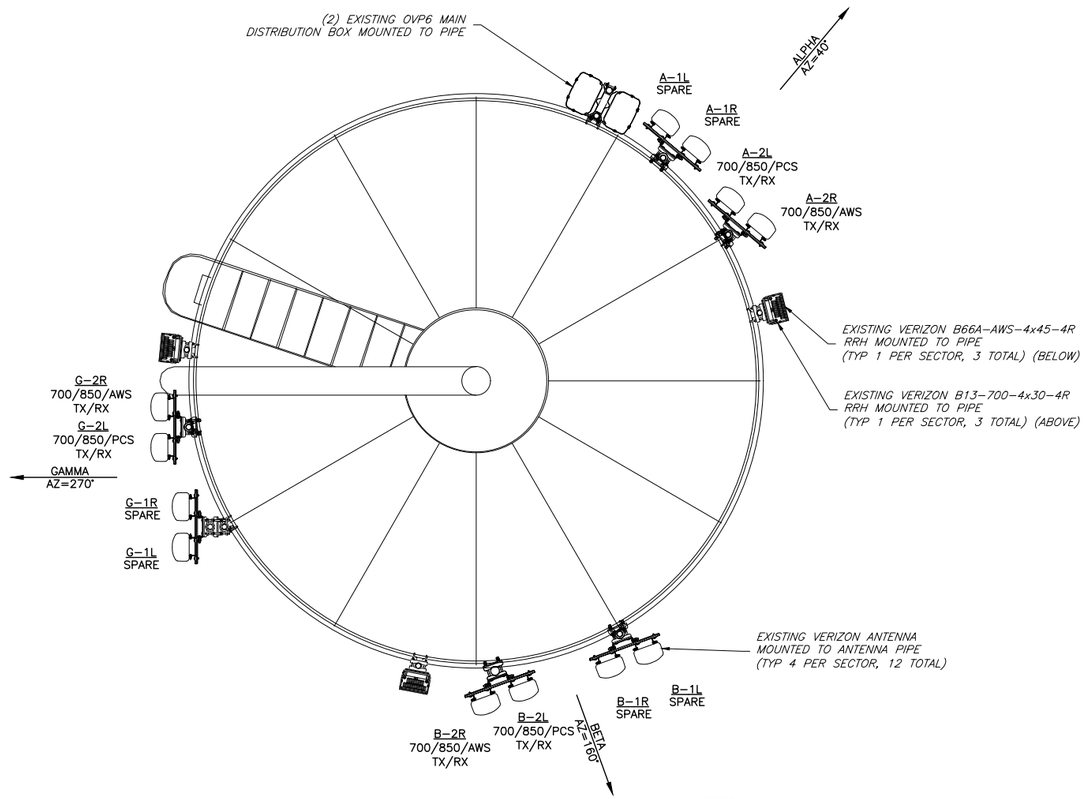
SHEET TITLE

ELEVATION

SHEET NUMBER

C-2



1 / A-1 EXISTING ANTENNA ORIENTATION PLAN
NTS

APPROX TRUE NORTH

EXISTING ANTENNA & RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA DIMENSIONS (HxWxD)	MECHANICAL DOWN TILT	AZIMUTH	RAD CENTER	RRH QUANTITY & MODEL	TECHNOLOGY	CABLE QUANTITY TYPE & LENGTH
A-1L	TO BE REMOVED	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	40°	77'-0"	B13-700 4x30-4R B66A-AWS 4x45-4R	SPARE	(2) 6x12 HYBRID CABLE (90'±)
A-1R	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	40°	77'-0"		SPARE	
A-2L	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	40°	77'-0"		700/850/PCS	
A-2R	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	40°	77'-0"		700/850/AWS	
B-1L	TO BE REMOVED	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	160°	77'-0"	B13-700 4x30-4R B66A-AWS 4x45-4R	SPARE	SHARED THROUGH HYBRIFLEX
B-1R	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	160°	77'-0"		SPARE	
B-2L	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	160°	77'-0"		700/850/PCS	
B-2R	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	160°	77'-0"		700/850/AWS	
G-1L	TO BE REMOVED	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	270°	77'-0"	B13-700 4x30-4R B66A-AWS 4x45-4R	SPARE	SHARED THROUGH HYBRIFLEX
G-1R	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	270°	77'-0"		SPARE	
G-2L	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	270°	77'-0"		700/850/PCS	
G-2R	EXISTING TO REMAIN	ANDREW	SBNHH-1D65B	72.59"x11.88"x7.08"	0°	270°	77'-0"		700/850/AWS	

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PROJECT MANAGMENT FIRM

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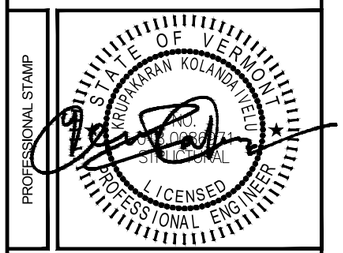

ENGINEER

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VERMONT PROFESSIONAL ENGINEER
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SHEET TITLE

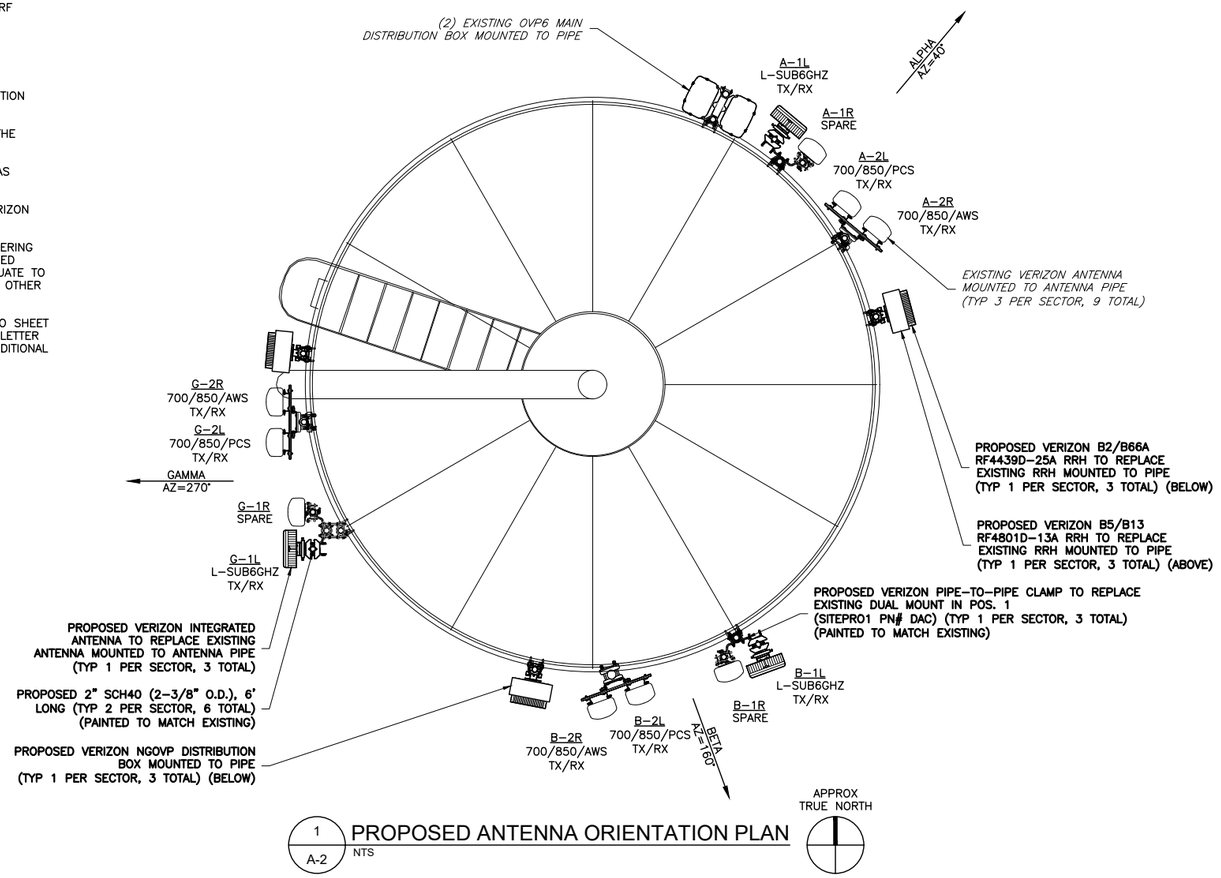
EXISTING ANTENNA PLAN & SCHEDULE

SHEET NUMBER

A-1

GENERAL ANTENNA NOTES

1. ALL ANTENNAS TO BE FURNISHED WITH DOWNTILT BRACKETS. CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT FOR EACH ANTENNA WITH RF ENGINEER.
2. ANTENNA CENTERLINE HEIGHT IS IN REFERENCE TO ELEVATION 0.0'.
3. CHECK WITH RF ENGINEER FOR LATEST ANTENNA TYPE & AZIMUTH.
4. CONTRACTOR SHALL VERIFY ANTENNA TYPE AND AZIMUTH WITH CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
5. ALL CABLE LENGTHS ARE ESTIMATED AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
6. COLOR TAPE MARKINGS MUST BE 3/4" WIDE AND UV RESISTANT, SUCH AS SCOTCH 35 VINYL ELECTRICAL COLOR CODING TAPE.
7. CONTRACTOR SHALL COORDINATE COLOR CODINGS IN THE FIELD WITH VERIZON REPRESENTATIVE.
8. A STRUCTURAL CERTIFICATION REPORT HAS BEEN ISSUED BY TKK ENGINEERING D.P.C. INC.. DATED 10/20/2025 TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES AND OTHER APPURTENANCES.
9. POST-MODIFICATION INSPECTION (PMI) REQUIRED ON ALL SITES. REFER TO SHEET PMI OF THESE CONSTRUCTION DRAWINGS, AS WELL AS THE STRUCTURAL LETTER PREPARED BY TKK ENGINEERING D.P.C. INC. DATED 10/20/2025 FOR ADDITIONAL DETAILS



1 / A-2 PROPOSED ANTENNA ORIENTATION PLAN
NTS

PROPOSED ANTENNA & RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA DIMENSIONS (HxWxD)	MECHANICAL DOWN TILT	AZIMUTH	RAD CENTER	RRH QUANTITY & MODEL	TECHNOLOGY	CABLE QUANTITY TYPE & LENGTH
A-1L	**PROPOSED**	**SAMSUNG**	**MT6413-77A**	**28.90"x15.75"x5.51"**	**0°**	**40°**	**77'-0"**	**B2/B66A RF4801D-25A** **B5/B13 RF4461D-13A**	**L-SUB6GHz**	*(2) 6x12 HYBRID CABLE (90'±)* **(1) 3x6 HYBRID CABLE (90'±)**
A-1R	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*40°*	*77'-0"*		*SPARE*	
A-2L	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*40°*	*77'-0"*		*700/850/PCS*	
A-2R	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*40°*	*77'-0"*		*700/850/AWS*	
B-1L	**PROPOSED**	**SAMSUNG**	**MT6413-77A**	**28.90"x15.75"x5.51"**	**0°**	**160°**	**77'-0"**	**B2/B66A RF4801D-25A** **B5/B13 RF4461D-13A**	**L-SUB6GHz**	*SHARED THROUGH HYBRIFLEX* **(1) 3x6 HYBRID CABLE (90'±)**
B-1R	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*160°*	*77'-0"*		*SPARE*	
B-2L	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*160°*	*77'-0"*		*700/850/PCS*	
B-2R	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*160°*	*77'-0"*		*700/850/AWS*	
G-1L	**PROPOSED**	**SAMSUNG**	**MT6413-77A**	**28.90"x15.75"x5.51"**	**0°**	**270°**	**77'-0"**	**B2/B66A RF4801D-25A** **B5/B13 RF4461D-13A**	**L-SUB6GHz**	*SHARED THROUGH HYBRIFLEX* **(1) 3x6 HYBRID CABLE (90'±)**
G-1R	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*270°*	*77'-0"*		*SPARE*	
G-2L	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*270°*	*77'-0"*		*700/850/PCS*	
G-2R	*EXISTING TO REMAIN*	*ANDREW*	*SBNHH-1D65B*	*72.59"x11.88"x7.08"*	*0°*	*270°*	*77'-0"*		*700/850/AWS*	

NOTES:
1. CONTRACTOR TO VERIFY PROPOSED ANTENNA INFORMATION IS THE MOST CURRENT DATA AT TIME OF CONSTRUCTION.
2. CONTRACTOR TO CONFIRM CABLE LENGTHS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE TO BUILD FROM THE LATEST RF SHEET.

LAST PLOTTED: 12/1/2025 11:01 AM

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WOBURN, MA 01801

ENGINEERING FIRM

TKK ENGINEERING
TKK ENGINEERING D.P.C. INC.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

APPLICANT

verizon
118 FLANDERS ROAD
FLOOR 3
WESTBOROUGH, MA 01581

SITE INFORMATION

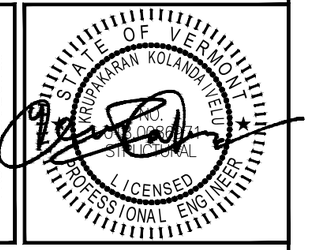
GEORGIA_3_VT - A
4653 ETHAN ALLEN HWY
GEORGIA, VT 05478
TOWN OF GEORGIA
FRANKLIN COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	12/01/25	REVISED PER COMMENTS	CSG
0	11/03/25	FINAL CDs	CWE

PROFESSIONAL STAMP



ENGINEER

KRUPAKARAN KOLANDAIVELU P.E.
VERMONT PROFESSIONAL ENGINEER
LICENSE #018.0086971

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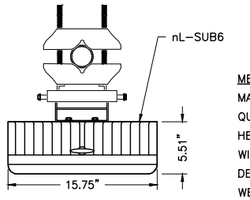
SHEET TITLE

PROPOSED ANTENNA PLAN & SCHEDULE

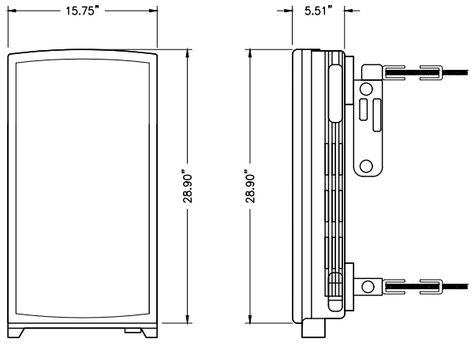
SHEET NUMBER

A-2



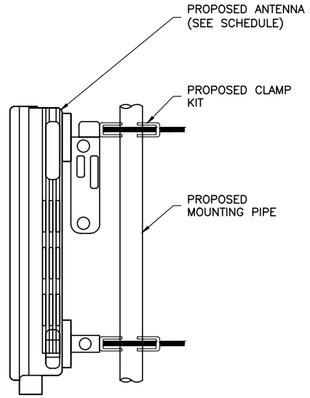
TOP VIEW

MECHANICAL SPECIFICATIONS
MANUFACTURER: SAMSUNG
QUANTITY: 3
HEIGHT: 28.90 IN
WIDTH: 15.75 IN
DEPTH: 5.51 IN
WEIGHT: 57.32 LBS
NOTE: 1/1 HYBRID CABLE CABLE
(1) EXTRA PAIR OF FIBER

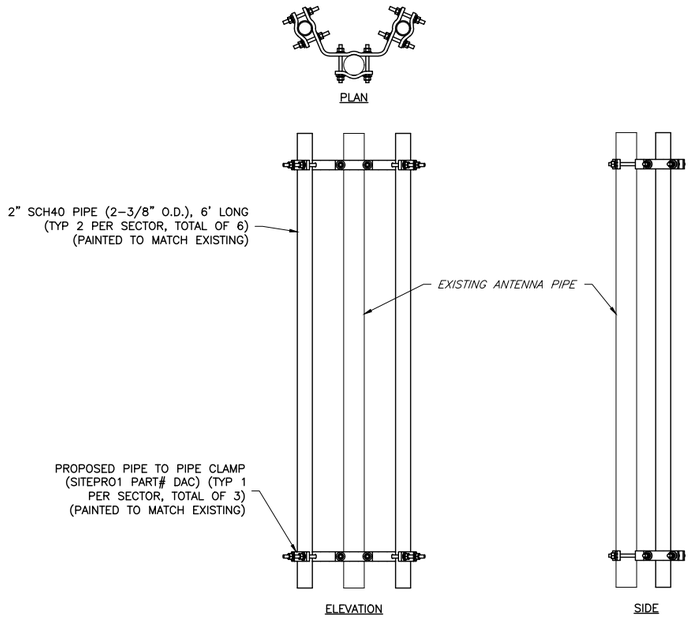


FRONT VIEW SIDE VIEW

1 A-3 MT6413-77A INTEGRATED ANTENNA
NTS



2 A-3 ANTENNA MOUNTING DETAILS
NTS



PLAN ELEVATION SIDE

3 A-3 DUAL ANTENNA CLAMP DETAIL
NTS

ANTENNA FACIAL SURFACE AREA

EXISTING

DESCRIPTION	HEIGHT (IN)	WIDTH (IN)	SURFACE AREA (SQ. FT)	WEIGHT OF UNIT (LBS)	NUMBER OF UNITS	TOTAL SURFACE AREA (SQ. FT)	EXPOSED SURFACE AREA (SQ. FT)	TOTAL WEIGHT (LBS)
ANTENNA: SBNHH-1D65B	72.59	11.88	5.99	40.51	12	71.86	71.86	486.12
RRH: UHBA B13 4X30	21.60	12.00	1.80	67.20	3	5.40	5.40	201.60
RRH: UHIE B66A 4X45	25.80	12.00	2.15	77.00	3	6.45	6.45	231.00
6-PORT OVP	19.18	15.73	2.10	26.90	2	4.19	4.19	53.80
(2) 6X12 HYBRID CABLES						TOTAL =	87.90	972.52

PROPOSED

ANTENNA: SBNHH-1D65B	72.59	11.88	5.99	40.51	9	53.90	53.90	364.59
INTEGRATED ANTENNA: MT6413-77A	28.90	15.75	3.16	57.32	3	9.48	9.48	171.96
RRH: SAMSUNG RF4461D-13A	14.96	14.96	1.55	79.10	3	4.66	4.66	237.30
RRH: SAMSUNG RF4801D-25A	21.70	17.30	2.61	87.96	3	7.82	7.82	263.88
6-PORT OVP	19.18	15.73	2.10	26.90	2	4.19	4.19	53.80
NGOVP: RTH-0306-PFC	19.44	8.89	1.20	10.58	3	3.60	3.60	31.74
(2) 6X12 HYBRID CABLES, (3) 3X6 NGOVP HYBRID CABLES						TOTAL =	83.66	1123.27

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STATE OF VERMONT
KRUPAKARAN KOLANDAIVELU
NO. 0.0086971
STRUCTURAL
LICENSED
PROFESSIONAL ENGINEER

ENGINEER
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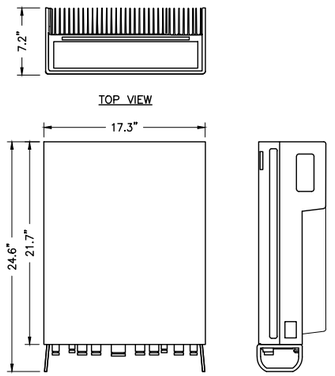
SHEET TITLE
ANTENNA DETAILS

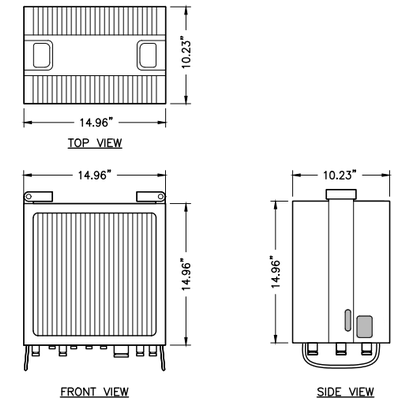
SHEET NUMBER
A-3



SIZE AND WEIGHT TABLE

MANUFACTURER	QUANTITY	HEIGHT	WIDTH	DEPTH	WEIGHT W/O BRACKET
SAMSUNG	3	21.7"	17.3"	7.2"	87.96 LBS
MOUNTING LOCATION	SILO	NOTE: 1/1 HYBRID CABLE CABLE MUST BE CONNECTED & (1) EXTRA PAIR OF FIBER			

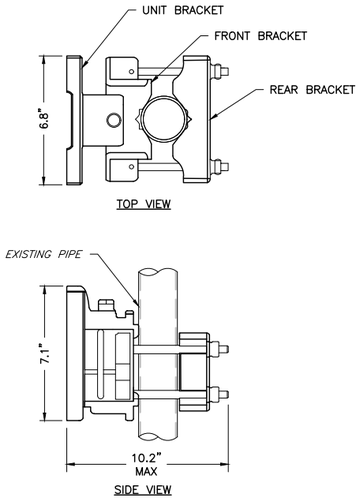
1 / A-4 B2/B66A RF4801D-25A RRH (REMOTE RADIO HEAD)
NTS



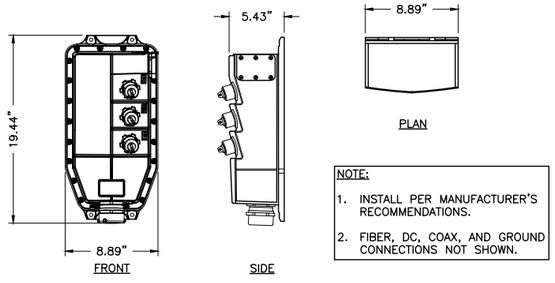
SIZE AND WEIGHT TABLE

MANUFACTURER	QUANTITY	HEIGHT	WIDTH	DEPTH	WEIGHT W/O BRACKET
SAMSUNG	3	14.96"	14.96	10.23"	79.1 LBS
MOUNTING LOCATION	SILO	NOTE: 1/1 HYBRID CABLE CABLE MUST BE CONNECTED			

2 / A-4 RF4461D-13A RRH (REMOTE RADIO HEAD)
NTS



3 / A-4 SINGLE RRH MOUNTING DETAIL
NTS

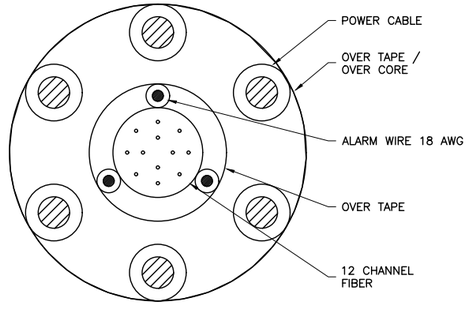


NOTE:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. FIBER, DC, COAX, AND GROUND CONNECTIONS NOT SHOWN.

SIZE AND WEIGHT TABLE

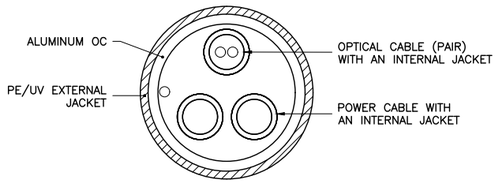
MANUFACTURER	QUANTITY	HEIGHT	WIDTH	DEPTH	WEIGHT W/O BRACKET
RAYCAP	3	19.44"	8.89"	5.43"	10.58 LBS
MOUNTING LOCATION	CABINET				

4 / A-4 RTH-0306-PFC NGOVP DETAIL
NTS



NOTES
1. USED FROM MAIN DISTRIBUTION BOX AT PLATFORM TO MAIN DISTRIBUTION BOX AT ANTENNA SECTOR
2. (3) PAIRS OF #4AWG DC WIRE
3. (6) PAIRS OF SM FIBER
4. 18AWG ALARM WIRE

5 / A-4 3x6 HYBRIFLEX CABLE DETAIL
NTS



NOTES
1. USED FROM EACH SECTOR DISTRIBUTION BOX TO EACH RRH/RRU
2. (1) PAIR OF #8AWGDC WIRE
3. (1) PAIR OF SM FIBER
4. FIXED LENGTHS OF EITHER 15' OR 30'

6 / A-4 1x1 HYBRIFLEX CABLE (5/8") DETAIL
NTS

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DESIGN RECORD

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PROFESSIONAL STAMP

STATE OF VERMONT
KRUPAKARAN KOLANDAIVELU
NO. 0086971
STRUCTURAL
LICENSED PROFESSIONAL ENGINEER

ENGINEER

KRUPAKARAN KOLANDAIVELU P.E.
VERMONT PROFESSIONAL ENGINEER
LICENSE #018.0086971

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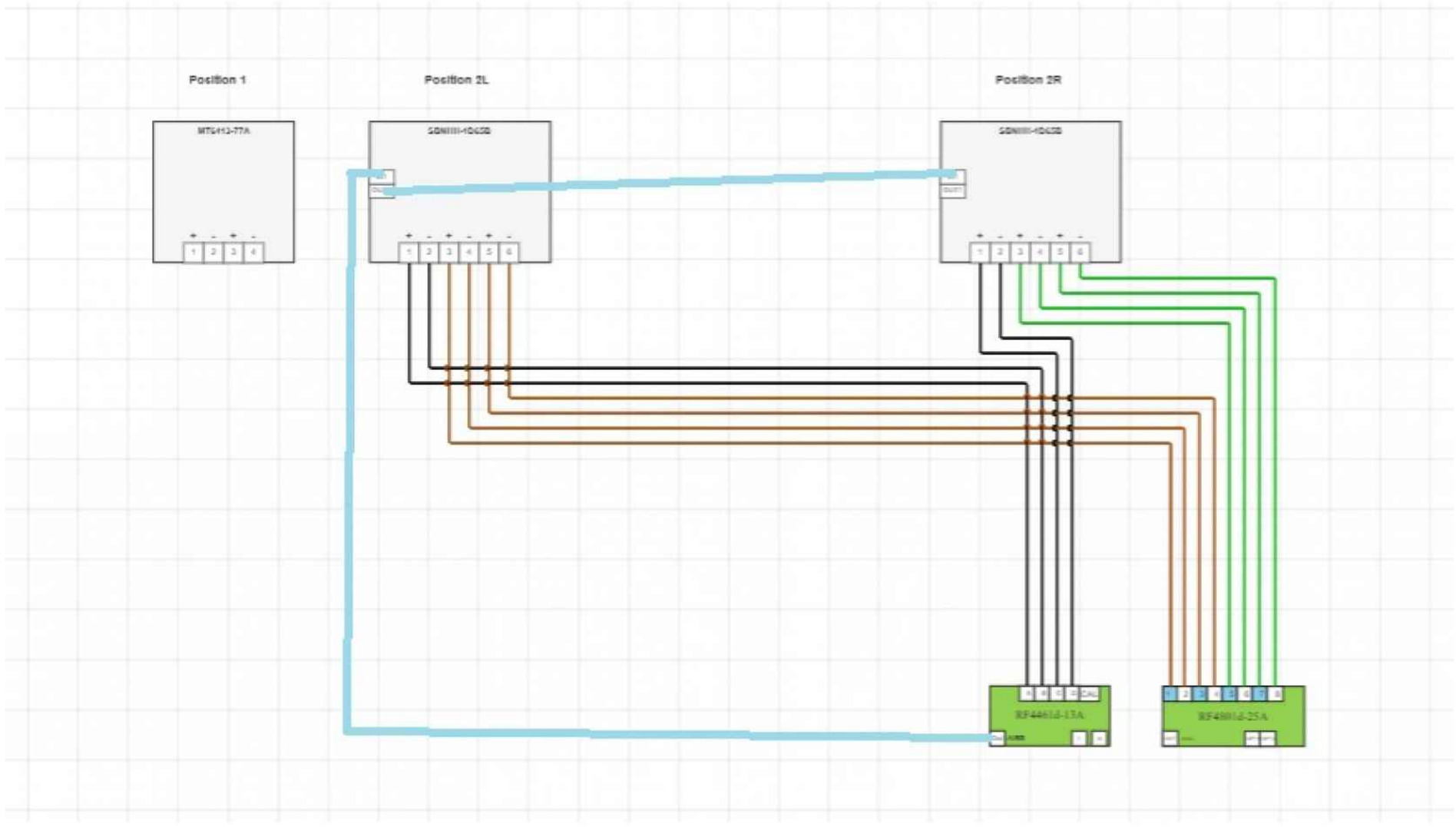
SHEET TITLE

EQUIPMENT SPECIFICATIONS & DETAILS

SHEET NUMBER

A-4



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STATE OF VERMONT
KRUPAKARAN KOLANDAIVELU
NO. 018.0086971
STRUCTURAL
LICENSED
PROFESSIONAL ENGINEER

ENGINEER

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SHEET TITLE

PLUMBING DIAGRAM

SHEET NUMBER

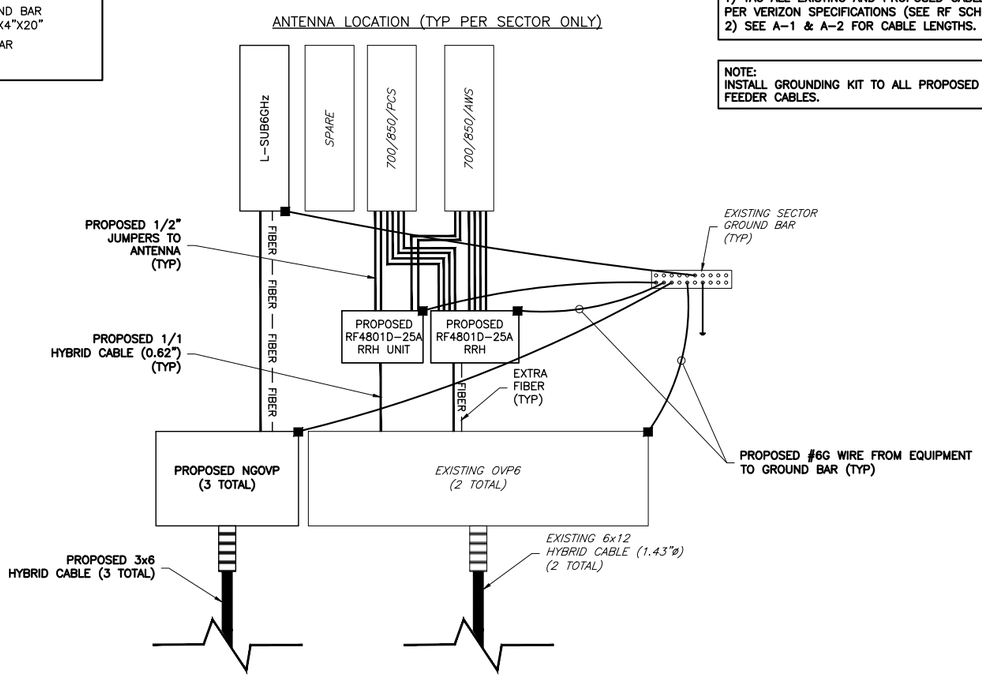
A-5

GROUNDING LEGEND

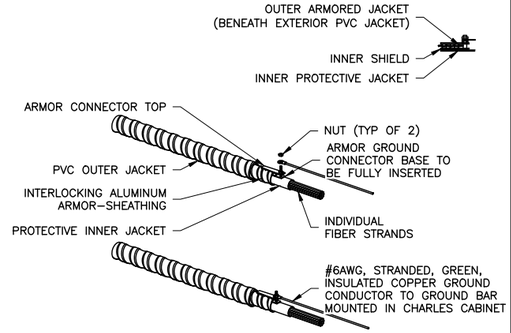
	COAXIAL CABLE SHIELD GROUND KIT CONNECTION
■	COMPRESSION FITTING CONNECTION
●	EXOTHERMIC WELD CONNECTION
◉	5/8"X10' COPPER-CLAD STEEL GROUND ROD
◉	5/8"X10' COPPER-CLAD STEEL GROUND ROD WITH INSPECTION WELL
———	PROPOSED GROUND WIRING
— — —	EXISTING GROUND WIRING
▭	TINNED COPPER GROUND BAR 1/4"X4"X12" OR 1/4"X4"X20"
CGB	COLLECTOR GROUND BAR
MGB	MAIN GROUND BAR

NOTE:
1) TAG ALL EXISTING AND PROPOSED CABLES/JUMPERS PER VERIZON SPECIFICATIONS (SEE RF SCHEDULE).
2) SEE A-1 & A-2 FOR CABLE LENGTHS.

NOTE:
INSTALL GROUNDING KIT TO ALL PROPOSED HYBRID FEEDER CABLES.

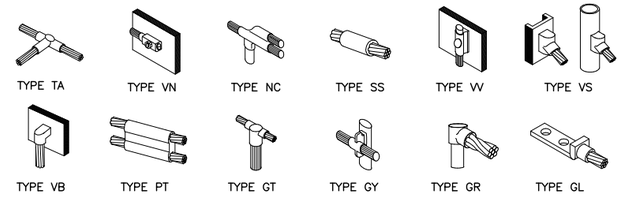


1 G-1 GROUNDING RISER DIAGRAM
NTS

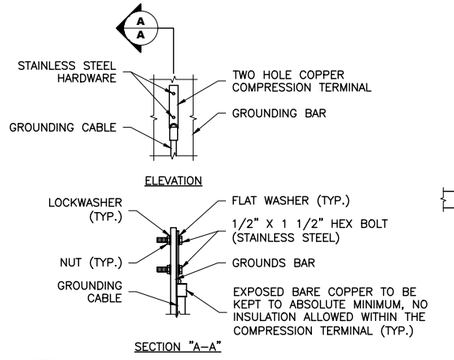


CORNING – PART NUMBER FDC-CABLE-GRND

2 G-1 ARMORED FIBER GROUNDING DETAIL
NTS

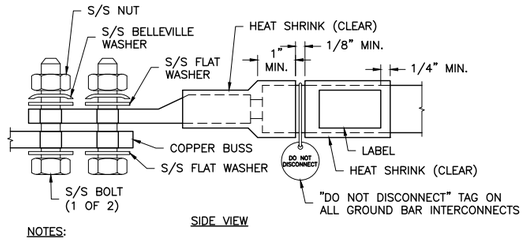


3 G-1 CADWELD GROUNDING CONNECTION DETAILS
NTS



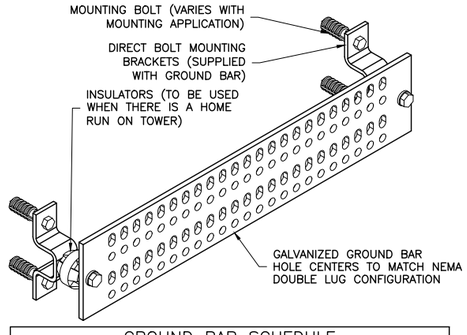
NOTES:
1. "DOUBLING UP" OR "STACKING" OF CONNECTIONS IS NOT PERMITTED.
2. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.

4 G-1 GROUND BAR CONNECTION DETAIL
NTS



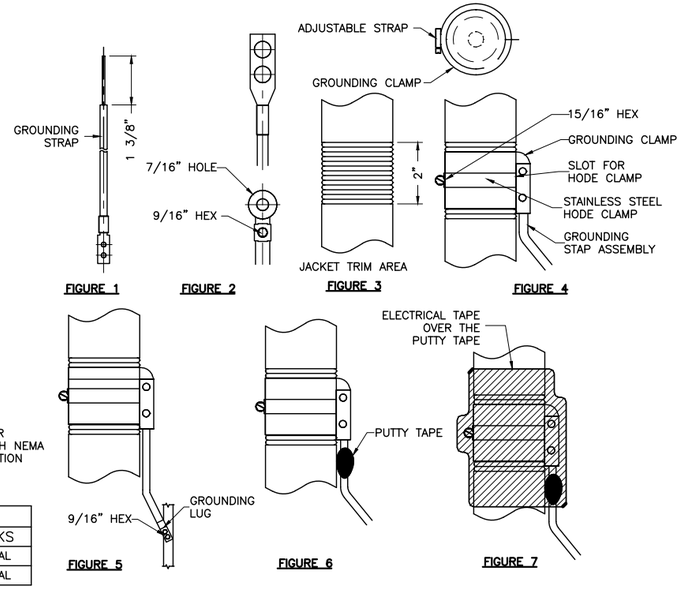
NOTES:
1. ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING BELLEVILLES. COAT ALL SURFACES WITH ANTI-OXIDATION COMPOUND BEFORE MATING.
2. FOR GROUND BOND TO STEEL ONLY: INSERT A DRAGON TOOTH WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH ANTI-OXIDATION COMPOUND.
3. COAT ALL BARRELS WITH ANTI-OXIDATION COMPOUND BEFORE CRIMPING.

5 G-1 GENERAL LUG DETAIL
NTS



GROUND BAR SCHEDULE				
TYPE	QTY	MANUFACTURER	PART NO.	REMARKS
MGB	2	ANDREW	UGBKIT-0420-T	OR EQUAL
CBG	3	ANDREW	UGBKIT-0412	OR EQUAL

6 G-1 GROUND BAR DETAIL
NTS



7 G-1 GROUNDING STRAP WEATHERPROOFING DETAIL
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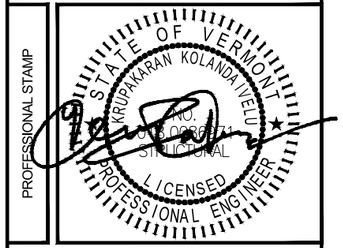

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SHEET TITLE

ANTENNA GROUNDING DETAILS

SHEET NUMBER

G-1

POST–MODIFICATION INSPECTION (PMI) REQUIREMENT

1. PMI REQUIRED FOR ALL SITES, REFER TO VERIZON NSTD–446 SECTIONS 1.5 AND 2.3 FOR MORE INFORMATION.

2. REFER TO THE STRUCTURAL LETTER BY TKK ENGINEERING D.P.C, LLC. DATED 10/20/25 FOR ADDITIONAL DETAILS.

3. GENERAL CONTRACTOR SHALL PROVIDE THE BELOW DOCUMENTATION TO THE ENGINEER OF RECORD VIA EMAIL TO VZWMOUNTS@NBCLLC.COM, DROPBOX, OR OTHER FILESHARE METHOD. PROVIDE HIGH RESOLUTION PHOTOS (DO NOT COMPRESS).

4. ENGINEER OF RECORD WILL CONDUCT A REVIEW OF THE PROVIDED DOCUMENTS TO PREPARE A PMI REPORT. ENGINEER OF RECORD WILL NOTIFY GENERAL CONTRACTOR IF ANY ADDITIONAL DOCUMENTATION IS REQUIRED TO COMPLETE THE PMI.

5. PMI DOCUMENTATION SHALL BE SUFFICIENT TO CONFIRM THE UPGRADE WAS BUILT AS DESIGNED, INCLUDING EQUIPMENT CHANGES AND STRUCTURAL MODIFICATIONS, AND IS IN ADDITION TO ANY OTHER REQUIRED CLOSEOUT PACKAGE DOCUMENTATION.

6. REQUIRED DOCUMENTATION FOR PMI INCLUDES THE FOLLOWING AT A MINIMUM. REFER TO THE MOUNT ANALYSIS FOR POSSIBLE ADDITIONAL INFORMATION. IF STRUCTURAL MODIFICATIONS ARE REQUIRED, REFER TO THE MODIFICATION DRAWINGS FOR POSSIBLE ADDITIONAL REQUIREMENTS.

6A. PROVIDE PRE–AND–POST CONSTRUCTION PHOTOS OF EACH SECTOR FROM THE MOUNT ELEVATION AND THE GROUND. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE PHOTOS PROVIDED PROVIDE POSITIVE CONFIRMATION THAT THE MODIFICATION/UPGRADE WAS COMPLETED IN ACCORDANCE WITH THESE CONSTRUCTION DRAWINGS AND ANY STRUCTURAL/MOUNT MODIFICATION DRAWINGS. CONTRACTOR SHALL RELAY ANY DATA THAT CAN IMPACT THE PERFORMANCE OF THE MOUNT OR MOUNT MODIFICATION, INCLUDING SAFETY ISSUES. PHOTOS SHALL HAVE A DATE/TIME STAMP IN THE PHOTO. REFER TO THE MOUNT ANALYSIS FOR FILE STRUCTURE SCHEDULE OF PHOTOS. PROVIDE PHOTOS OF THE GATE SIGNS AND CARRIER SHELTER TO IDENTIFY THE TOWER OWNER, SITE NAME, SITE NUMBER, ETC.

6B. VERIFICATION OF THE MEMBER CONNECTIONS, BRACING, AND RELEVANT DIMENSIONS.

6C. VERIFICATION OF THE ANTENNA AND OTHER EQUIPMENT CONFIGURATION (PHOTOS OF MODEL NUMBERS/TAGS FOR ALL EQUIPMENT, AS WELL AS THE FEEDLINE CONFIGURATION). TAKE PHOTOS OF THE BACK SIDE OF EACH SECTOR AS WELL AS CLOSE–UPS OF ALL EQUIPMENT. PHOTOS SHOULD CONFIRM THE HORIZONTAL AND VERTICAL POSITIONING OF THE ANTENNAS AND EQUIPMENT AND SHALL HAVE TAPE MEASURES IN THE PHOTOS TO CONFIRM.

6D. FOR TIE–BACKS, STRUTS, MOUNT PIPES, PHOTOS TO CONFIRM THE ANGLES AND LOCATION OF ATTACHMENT POINT AT BOTH ENDS OF MEMBER, AS WELL AS DIMENSIONS, THICKNESS, AND LENGTHS OF THE MEMBERS. REFER TO THE CHECKLIST IN THE MOUNT ANALYSIS FOR ADDITIONAL INFORMATION.

6E. MOUNT ATTACHMENT TO THE SUPPORTING STRUCTURE, INCLUDING ANY KICKERS OR SUPPORTS, OR TIEBACKS.

6F. MATERIALS USED (TYPE, STRENGTH, DIMENSIONS, ETC). PROVIDE BILL OF MATERIALS AND MATERIAL SPEC TO CONFIRM MATERIAL GRADES AND SIZES. PROVIDE DOCUMENTATION FOR GALVANIZATION OF MEMBERS WHETHER HOT–DIPPED OR COLD–GALVANIZED. IF MATERIALS DIFFER FROM THOSE SPECIFIED ON THESE DRAWINGS, PROVIDE DOCUMENTATION THAT THE "EQUIVALENT" MATERIAL HAS THE SAME SPECIFICATIONS.

6G. MOUNT ORIENTATION/AZIMUTH AND ELEVATION. PROVIDE TAPE DROP PHOTOS OF ANTENNA CENTERLINE(S) AND MOUNT ATTACHMENT POINTS TO THE SUPPORTING STRUCTURE. IF THERE ARE MULTIPLE RAD CENTERS, PROVIDE PHOTOS OF ALL ELEVATIONS.

POST–MODIFICATION INSPECTION (PMI) REQUIREMENT CONT.

6H. VERIFICATION THAT THE INSTALL HAS NOT CAUSED DAMAGE TO OR UNPLANNED OBSTRUCTION OF THE FOLLOWING:

--- CLIMBING FACILITIES
--- SAFETY CLIMB IF PRESENT, INCLUDING PHOTOS ABOVE AND BELOW THE MOUNT.
--- LIGHTING SYSTEM
--- OTHER INSTALLED SYSTEMS ON THE STRUCTURE.
--- CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS SUPPORTED AND NOT ADVERSELY AFFECTED BY THE INSTALLATION OF NEW COMPONENTS. THIS MAY INVOLVE THE INSTALLATION OF WIRE ROPE GUIDES OR OTHER ITEMS TO PROTECT THE WIRE ROPE.

6I. OTHER ITEMS DETERMINED BY THE STRUCTURAL ENGINEER TO ENSURE THE MOUNT WILL PERFORM AS DESIGNED. PHOTOS OF RELEVANT MEASUREMENTS, WITH SUFFICIENT DETAILS TO CONFIRM CONNECTION DETAILS, PLACEMENT OF EQUIPMENT, WALL ANCHOR DETAILS, BALLAST QUANTITIES, STRUCTURAL MODIFICATIONS ETC. DIAMETERS AND THICKNESSES OF BOLTS/THREADED RODS/ANGLES/TUBES ETC SHALL HAVE PHOTOS CONFIRMING CALIPER MEASUREMENTS.

--- CONFIRMATION THAT ALL HARDWARE WAS PROPERLY INSTALLED, AND EXISTING HARDWARE WAS INSPECTED FOR ANY ISSUES.
--- FOR BALLAST SLEDS, DOCUMENTATION OF THE WEIGHT OF BALLAST IN EACH SECTOR.
--- FOR WALL ANCHORS, PHOTOS AND MEASUREMENTS OF OUTSIDE AND INSIDE OF CONNECTIONS. DOCUMENTATION OF ADHESIVE USED, SIZE AND LENGTH OF ANCHORS, EFFECTIVE EMBEDMENT DEPTH OF THE ANCHORS, GROUTING OF HOLLOW WALLS, SPACING AND EDGE DISTANCE MEASUREMENTS, AND ANY THROUGH–BOLTS OR BACKING PLATES.
--- FOR STUD WELD CONNECTIONS, DOCUMENTATION TO CONFIRM SURFACE PREPARATION, STUD WELD SIZE, GRADE, LENGTH, AND SPACING.
--- FOR FABRICATED PARTS, SHOP DRAWINGS TO BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
--- FOR WELDED PARTS, CERTIFIED WELD INSPECTION.
--- FOR BOLTED PARTS, BOLT INSTALLATION AND TORQUE.

7. CONTRACTOR SHALL PROVIDE, IN ADDITION TO THE ABOVE, AS–BUILT CDS WITH REDLINES IDENTIFYING ANY CHANGES. THE AS–BUILTS SHALL THE CONTRACTOR'S NAME, PREPARER'S SIGNATURE, AND DATE.

8. IF THE MODIFICATION INSTALLATION WOULD FAIL THE PMI ("FAILED PMI"), THE CONTRACTOR SHALL WORK WITH THE ENGINEER OF RECORD TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:

8A. CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENTAL PMI.

8B. OR, WITH THE EOR'S APPROVAL, THE GC MAY WORK WITH THE EOR TO RE–ANALYZE THE MODIFICATION/REINFORCEMENT/UPGRADE USING THE AS–BUILT CONDITION.

9. NOTE: IF LOADING IS DIFFERENT THAN THAT SHOWN IN THESE CONSTRUCTION DRAWINGS OR STRUCTURAL/MOUNT MODIFICATION DRAWINGS, CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY FOR RESOLUTION.

10. THE ENGINEERING FIRM PERFORMING AN ANALYSIS SHALL PROVIDE A CONTRACTOR'S PHOTO LOG AND CHECKLIST TO BE COMPLETED BY THE INSTALLING CONTRACTOR. THE CONTRACTOR SHALL THEN PROVIDE POST–INSTALLATION INFORMATION TO THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER SHALL REVIEW THE DOCUMENTS FOR ANY DEFICIENCIES THAT CAN BE DETERMINED FROM THE DESKTOP REVIEW OF THE DATA. THE ENGINEERING FIRM SHALL THEN PROVIDE DOCUMENTATION TO VZW THAT THE SITE IS COMPLETED, AND THE PMI REPORT IS APPROVED.

LAST PLOTTED: 12/1/2025 11:02 AM

PROJECT MANAGMENT FIRM

NB+C™
TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
300 UNICORN PARK DRIVE, SUITE 0501
WOBURN, MA 01801

ENGINEERING FIRM

TKK
ENGINEERING
TKK ENGINEERING D.P.C. INC.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

APPLICANT

verizon
118 FLANDERS ROAD
FLOOR 3
WESTBOROUGH, MA 01581

SITE INFORMATION

GEORGIA_3_VT - A
4653 ETHAN ALLEN HWY
GEORGIA, VT 05478
TOWN OF GEORGIA
FRANKLIN COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	12/01/25	REVISED PER COMMENTS	CSG
0	11/03/25	FINAL CDs	CWE

PROFESSIONAL STAMP

STATE OF VERMONT
KRUPAKARAN KOLANDAIVELU
#018.0086971
STRUCTURAL
LICENSED
PROFESSIONAL ENGINEER

ENGINEER

KRUPAKARAN KOLANDAIVELU P.E.
VERMONT PROFESSIONAL ENGINEER
LICENSE #018.0086971

IT IS A VIOLATION OF ROCNYS FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER OF RECORD TO ALTER THIS DOCUMENT. UNLESS EXPLICITEMTLY AGREED TO BY THE ENGINEER IN WRITING, THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

SHEET TITLE

PMI REQUIREMENTS

SHEET NUMBER

PMI