VERIZON AMENDMENT CD – WISP DRAWINGS

PROJECT SUMMARY
SITE ADDRESS: 21 NEW LANE
VINEYARD HAVEN, MA 02568

PROJECT DESCRIPTION
THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASES AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

1. REMOVE (3) 1-1/4" SECTOR FRAMES, (6) ANTENNAS, (6) DPS, (1) 2300 W/1.7 HYBRID CABLE
2. INSTALL (3) 7" WAVE SECTOR FRAMES, (6) SBS MOUNTS, (9) ANTENNAS, (6) DPS, (1) OPP, and (2) 6-500 HYBRID CABLEs
3. INSTALL (3) ANTENNAS and (6) 1-1/8" COAX CABLE(s) TO NEW LANE

PROJECT NOTES
1. THE FACILITY IS ORGANIZED
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 IS DEPICTED IN THESE PLANS CONFORMS TO THE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 C.F.R. § 1.61000 (B)(7).
7. THE FACILITY IS UNMANNED
8. DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE

PROJECT LOCATION DIRECTIONS
HEAD EAST ON I-195 E 11.3 MI, TAKE EXIT 22A TO MERGE ONTO MA-25 E TOWARD CAPE COD 9.7 MI, CONTINUE ONTO BLUE STAR MEMORIAL HWY. 0.3 MI, CONTINUE ONTO MA-25 S 9.8 MI, AT THE TRAFFIC CIRCLE, TAKE THE 1ST EXIT ONTO MA-25 S 6.0 MI, AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO MA-25 S 1.5 MI, CONTINUE ONTO MA-25 S 3.7 MI, AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO MA-25 S 1.2 MI, AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO MA-25 S 1.0 MI, AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO MA-25 S 0.8 MI, AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO MA-25 S 0.6 MI, AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO MA-25 S 0.3 MI, CONTINUE ONTO WOODS HOLE ROAD - TAKE FERRY OVER TO VINEYARD HAVEN, GET OFF FERRY AND TAKE RIGHT ON WATER ST - THEN RIGHT ONTO BEACH ST, FOLLOW BEACH HILL, TURN INTO STATE RD, - FOLLOW STATE RD, THEN TAKE LEFT ON OLD COUNTY RD, FOLLOW TO END THEN TAKE LEFT ONTO EDGARTOWN WEST TISBURY RD, THEN TAKE RIGHT ON NEW LANE. AND TURN RIGHT INTO #201 AND THEN TAKE LEFT AND FOLLOW TO TOWER.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON PRIOR TO PROCEEDING WITH ANY NEW WORK AND INSTALLATION. AIR CONDITIONING AND POWER NEEDS MUST BE DETERMINED PRIOR TO PROCEEDING WITH ANY NEW WORK AND INSTALLATION. AIR CONDITIONING AND POWER NEEDS MUST BE DETERMINED PRIOR TO PROCEEDING. CONTRACTOR SHALL INSTALL ALL NEW TEMPERATURE CONTROL EQUIPMENT.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON PRIOR TO PROCEEDING WITH ANY NEW WORK AND INSTALLATION. AIR CONDITIONING AND POWER NEEDS MUST BE DETERMINED PRIOR TO PROCEEDING WITH ANY NEW WORK AND INSTALLATION. AIR CONDITIONING AND POWER NEEDS MUST BE DETERMINED PRIOR TO PROCEEDING. CONTRACTOR SHALL INSTALL ALL NEW TEMPERATURE CONTROL EQUIPMENT.

23. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

24. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

25. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

26. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

27. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

28. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

29. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

30. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.

31. CONTRACTOR SHALL REMAIN ALL RUBBISH IS PLACED IN SEPARATE CONTAINERS FOR PROPER DISPOSAL IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS.
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.

1. 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.

2. This project includes no install or modification at grade.

3. The use and publication of these drawings shall be restricted to the original site for which they are prepared. Any use or disclosure other than that which relates to American Tower or the specified carrier is strictly prohibited. Neither the architect nor the engineer will be providing on-site construction review of this project. Contractor(s) must verify all dimensions and route American Tower or the specified carrier of any discrepancy. Any prior issuance of this drawing is superseded by the latest version.

**DETAILED SITE PLAN**

**PROPOSED CABLE LENGTH:**

1. Estimated length of proposed cable is 85'.
2. Estimated length of cable was provided by customer or calculated by adding the rad center and the distance from the shelter entry plate to the tower (along the ice bridge) and a safety factor measurement of 15% (of the two previous values), CDS defer to greatest cable length.
3. 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 standoff 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.

**DESCRIPTION**

1. ATS AUTOMATIC TRANSFER SWITCH
2. B BOLLARD
3. CSC CELL SITE CABINET
4. D DISCONNECT
5. E ELECTRICAL
6. F FIBER
7. GEN GENERATOR
8. G GENERATOR-RECEPTACAL
9. HH, V HAN D-HOLE, VA LLET
10. IB ICE BRIDGE
11. K KENTRAS BOX
12. LC LIGHTING CONTROL
13. M METER
14. PB PULL BOX
15. PP POWER POLE
16. T TELCO
17. TRN TRANSFORMER
18. IB ICE BRIDGE
19. K KENTRAS BOX
20. M METER
21. PB PULL BOX
22. PP POWER POLE
23. T TELCO
24. TRN TRANSFORMER

**SITE PLAN NOTES:**

- The graphic scale is 1 unit = 5 feet.
- The proposed (2) 1-5/8" Hybrid cables (routed per proposed cable length note 2) (Refer to proposed cable length note on this page)
- Existing (9) 1-1/2" Coax cables (to be removed)
- Proposed (2) 1-5/8" Hybrid cable (to be removed)

**SITE PLAN**

- PROPOSED CABLE LENGTH:
  - Estimated length of proposed cable is 85'.
  - Estimated length of cable was provided by customer or calculated by adding the rad center and the distance from the shelter entry plate to the tower (along the ice bridge) and a safety factor measurement of 15% (of the two previous values), CDS defer to greatest cable length.
  - 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 standoff 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.
PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING, DATED 09/15/21, THE EXISTING MOUNT CAN NOT ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT REPLACEMENT PROPOSED IN THE MOUNT ANALYSIS INCLUDED AT THE END OF THIS PLAN SET MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

TOWER NOTE:
1. 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.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLES, ETC. SHALL BE PAINTED/SOCCED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES ALONG 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.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.).
5. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.
**ANTENNA INFORMATION & SCHEDULE**

**1. EXISTING ANTENNA PLAN**

<table>
<thead>
<tr>
<th>LOGICAL LOCATION</th>
<th>ANTEA INSTALLATION</th>
<th>SUN</th>
<th>SUN ANTENNA SUMMARY</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>SECTOR</td>
<td>ADDR</td>
<td>ANTEA</td>
<td>BAND</td>
<td>MECHELIC (R. 1ft.)</td>
</tr>
<tr>
<td>A2</td>
<td>1000</td>
<td>X10</td>
<td>150</td>
<td>500</td>
</tr>
<tr>
<td>A3</td>
<td>700</td>
<td>X20</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>A4</td>
<td>700</td>
<td>X30</td>
<td>500</td>
<td>500</td>
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**Existing RRU Cables**

- Junction Box to RRU: 15' RRU / ANTENNA: 10'

**2. FINAL ANTENNA PLAN**

<table>
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<tr>
<th>LOCATION</th>
<th>SECTOR</th>
<th>ADDR</th>
<th>ANTEA</th>
<th>BAND</th>
<th>MECHELIC (R. 1ft.)</th>
<th>STATUS</th>
<th>ADJ. TOWER MOUNTED</th>
<th>EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>A2</td>
<td>X10</td>
<td>150</td>
<td>500</td>
<td>RRM</td>
<td>B2</td>
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<td></td>
</tr>
<tr>
<td>A3</td>
<td>A3</td>
<td>X20</td>
<td>500</td>
<td>500</td>
<td>RRM</td>
<td>B2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A4</td>
<td>A4</td>
<td>X30</td>
<td>500</td>
<td>500</td>
<td>RRM</td>
<td>B2</td>
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**New RRU Equipment**

- C-501

**New RRU Cables**

- Junction Box to RRU: 15' RRU / ANTENNA: 10'

**EQUIPMENT SCHEDULES**

**3. EXISTING RRU SCHEDULE**

<table>
<thead>
<tr>
<th>MOD. NUMBER</th>
<th>QTY</th>
<th>VENDOR</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
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<tr>
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<tr>
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</tr>
<tr>
<td>B2</td>
<td>1</td>
<td>A4</td>
<td>X30</td>
<td>RRM</td>
</tr>
</tbody>
</table>

**New RRU Equipment**

- C-501

**New RRU Cables**

- Junction Box to RRU: 15' RRU / ANTENNA: 10'

---

**Rancher Design**

- Existing Tower
- New Antenna Plan

**PER MOUNT ANALYSIS COMPLETED BY Maser Consulting, DATED 09/15/21. THE EXISTING MOUNT MAY NOT ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT REPLACEMENT PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.**

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**NOTES: STATUS ABBREVIATIONS**

- RMV: TO BE REMOVED
- REN: TO REMAIN
- REL: TO BE RELOCATED
- ADD: TO BE ADDED

---

**PROPOSED RRU (TYP.)**

- C-501

**PROPOSED OVP BOX**

- C-501

**PROPOSED SIDE BY SIDE ANTENNA MOUNT (TYP. 3) (JMA P/N: 91900314)**

- INSTALL TO ACHIEVE 2" SPACING EDGE TO EDGE BETWEEN ANTENNAS
PROPOSED RRU MOUNTING DETAIL - TYPICAL

PROPOSED T-ARM SECTOR FRAME
PROPOSED ANTENNA
PROPOSED SIDE-BY-SIDE MOUNT

PROPOSED RRU (OPTION 2)
(MOUNT PER MANUFACTURER’S SPECS)
ENSURE THAT BRACKET DOES NOT CONFLICT WITH EXISTING OR PROPOSED EQUIPMENT

PROPOSED RRU (OPTION 1)
(MOUNT PER MANUFACTURER’S SPECS)
ENSURE THAT BRACKET DOES NOT CONFLICT WITH EXISTING OR PROPOSED EQUIPMENT

PROPOSED T-ARM SECTOR FRAME
PROPOSED ANTENNA
PROPOSED SIDE-BY-SIDE ANTENNA MOUNT
(COMMSCOPE P/N: BSAMNT-SBS-1-2)

PROPOSED OVP
(MOUNT PER MANUFACTURER’S SPECS)
ENSURE THAT BRACKET DOES NOT CONFLICT WITH EXISTING OR PROPOSED EQUIPMENT

PROPOSED MOUNTING PIPE

PROPOSED 3-3/8" O.D. X 90" LONG

1. PROPOSED SIDE-BY-SIDE MOUNT
SCALE: N.T.S.

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

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

GROUND KIT NOTES:
1. INSTALL INSULATED CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT
   GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW OR APPROVED EQUAL)
   AND INSTALL/TAPE PER MANUFACTURER’S SPECIFICATIONS.

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.

TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.B.

CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.B.

TOWER GROUND BAR DETAIL
SCALE: N.T.B.

PROPOSED ANTENNA
PROPOSED JUMPER
PROPOSED CONNECTOR AND WEATHERPROOFING KIT
PROPOSED CABLE GROUND KIT
ANTENNA CABLE TO CABINET (TYP.)
#6 AWG STRANDED CU WIRE WITH GREEN, 600V, THWN INSULATION
GROUND BAR MOUNTED NEAR/BELOW ANTENNA (TO BE INSTALLED IF REQUIRED)
GROUNDING KIT PER CABLE MANUFACTURERS’ SPECIFICATIONS (ANDREW OR APPROVED EQUAL)
GROUND KIT NOTES:
1. INSTALL INSULATED CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT
   GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW OR APPROVED EQUAL)
   AND INSTALL/TAPE PER MANUFACTURER’S SPECIFICATIONS.

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.

1/4" X 4" X 6" GROUND BAR
(ERICO P/N: EGBA14406CC OR EQUAL)
PROPOSED #6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
#6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
#6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
#6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
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#6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
#6 AWG STRANDED COPPER GROUND WIRE (GROUNDED TO GROUND BAR)
Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R
SMART Tool Project #: 1010934
Maser Consulting Project #: 21777628A
September 15, 2021

Site Information
- Site ID: 236352-VZ9 / WEST Tisbury 2 MA
- Site Name: WEST Tisbury 2 MA
- Carrier Name: Verizon Wireless
- Address: 21 New Lane
  Vineyard Haven, Massachusetts 02568
- Latitude: 41.379098°
- Longitude: -70.657156°

Structure Information
- Tower Type: 60-ft Monopole
- Mount Type: 9.00-ft T-Arm
- FUZE ID: F2047851

Analysis Results
- T-Arm: 65.6% Pass

**Contractor PMI Requirements**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmsupport@colliersengineering.com

Report Prepared By: Connor Hoge

---

**Mount Structural Analysis Report**

3) 9.00-Ft T-Arm

<table>
<thead>
<tr>
<th>Component</th>
<th>Utilization %</th>
<th>Pass/Fail</th>
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</thead>
<tbody>
<tr>
<td>Mount Pipe</td>
<td>31.0%</td>
<td>Pass</td>
</tr>
<tr>
<td>Face</td>
<td>65.6%</td>
<td>Pass</td>
</tr>
<tr>
<td>Standoff</td>
<td>38.0%</td>
<td>Pass</td>
</tr>
<tr>
<td>Connection</td>
<td>62.6%</td>
<td>Pass</td>
</tr>
</tbody>
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Structure Rating – (Controlling Utilization of all Components) 65.6%

The mount has been found structurally adequate for all steel and external connection capacities. Serviceability in accordance with TIA-222-H Section 9.11.3.1 has not been considered.

**Recommendation:**
The proposed antenna mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

**Attachments:**
- 1. Mount Specification Drawing
- 2. Analysis Calculations
- 3. Contractor Required Post Installation Inspection (PMI) Report Deliverables
- 4. Antenna Placement Diagrams

---

**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 if they have the most recent mount analysis prior to construction.
NOTES:
1. TRI-COLLAR MOUNTS MUST BE PURCHASED SEPARATELY.
2. 2 3/8" O.D. MOUNTING PIPE KIT MUST BE PURCHASED SEPARATELY.
3. QUANTITIES SHOWN IN LIST OF MATERIAL ARE FOR ONE (1) T-ARM ASSEMBLY ONLY.

SECTION A-A

T-ARM ASSEMBLY
2'-0" ARM WITH 3'-0" FACE
(3) 2 3/8" O.D.
ANTENNA MOUNTING PIPES