



CCAA BOARD MEMO

Agenda Item: G-1

BOARD MEMO 2023-17

Meeting Date: June 21, 2023

Agenda Title: 1. FOR DISCUSSION AND POSSIBLE ACTION: APPROVE A LEASE AMENDMENT FOR AT&T WIRELESS SERVICES, INC. FOR THE ADDITION AND MODIFICATOIN OF EQUIPMENT.

Staff Summary: AT&T would like to install some new equipment on the beacon tower and that will require an amended lease.

Agenda Action: Formal Action/Motion

Time Requested: 0 Minutes

Proposed Motion

I move to approve the amendment to the lease.

CCAA'S Strategic Goal

Maintain airport revenues and financial stability.

Previous Action and Executive Summary

Original lease dated September 6, 2001, approved by both the Authority and the City. We located a First Amendment dated August 21, 2012, signed by a prior Airport Manager. AT&T has proposed an amendment that allows AT&T to replace their equipment with newer equipment and operating frequencies. The Amendment also updates the contact info for both AT&T and the Airport Authority, and allows future updates on 45 days written notice.

Financial Information

Is there a fiscal impact?

No Yes

If yes, account name/number & amount:

General Fund/ Federal Share:

Is it currently budgeted?

Alternatives

Approve with changes.

Do not approve.

Board Action Taken:

Motion: _____ 1) _____
2) _____

Aye/Nay

(Vote Recorded By)

APN 8-133-07

Cell Site Number: Hot Springs (N-062)
Address: 2600 E. Graves Lane #6
Carson City, Nevada 89706

OPTION AND LEASE AGREEMENT

THIS OPTION AND LEASE AGREEMENT ("Agreement"), dated as of the date below, is entered into by Carson City Airport Authority, a Quasi-municipal corporation, the manager for, Carson City, a consolidated municipality, existing under the laws of the State of Nevada, with a Tax ID# of 88-004-1996, having its principal office at 2600 E. Graves Lane #6, Carson City, Nevada 89706 (hereinafter referred to as "Landlord") RENO CELLULAR TELEPHONE COMPANY, a District of Columbia partnership, by AT&T Wireless Services of Nevada, Inc., a Nevada Corporation, its General Partner, d/b/a AT&T Wireless, having an office at office 2520 S. Virginia, Suite 200, Reno, NV 89502 (hereinafter referred to as "Tenant").

BACKGROUND

Landlord owns that certain plot, parcel or tract of land, together with all rights and privileges arising in connection therewith, located at 2600 E. Graves Lane #6, Carson City, Nevada 89706, identified as Assessors Parcel Number 08-133-07 and located in the Carson City, Carson County, State of Nevada (collectively "Property"). Tenant desires to use a portion of the Property in connection with its federally licensed communications business. This Agreement replaces the Site Lease Agreement dated September 5, 1996.

The parties agree as follows:

1. **OPTION TO LEASE.** (a) Landlord hereby grants to Tenant an option (the "Option") to lease a portion of the Property measuring approximately 40' x 60' or 2400 square feet as described on attached Exhibit I (collectively the "Premises"), together with unrestricted access for Tenant's uses from the nearest public right-of-way along the Property.

(b) During the Option period and any extension thereof, and during the term of this Agreement, Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, and other geological or engineering tests or studies of the Property (collectively the "Tests"), to apply for and obtain licenses, permits, approvals, or other relief required or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises and include without limitation applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively referred to as "Governmental Approvals"), and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, Landlord's title to the Property and the feasibility or suitability of the Property for Tenant's Permitted Use, all at Tenant's expense. Tenant will not be liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's inspection.

(c) In consideration of Landlord granting Tenant the Option, Tenant hereby agrees to pay Landlord the sum of One Thousand Dollars (\$1,000) upon execution of this Agreement. The Option will be for an initial term of one

12/11/98
Option Land

266461

(1) year (the "Initial Option Term") and may be renewed by Tenant for an additional one (1) year upon written notification to Landlord and the payment of an additional One Thousand Dollars (\$1,000) no later than ten (10) days prior to the expiration date of the Initial Option Term.

(d) During the Initial Option Term and any extension thereof, Tenant may exercise the Option by notifying Landlord in writing. If Tenant exercises the Option then Landlord leases the Premises to the Tenant subject to the following terms and conditions.

2. PERMITTED USE. (a) Tenant may use the Premises for the following: (i) transmission and reception of communications signals; (ii) to construct, install, operate, maintain, repair, replace, protect and secure its communication fixtures and related equipment, a monopole, cables, accessories and improvements (collectively, the "Communication Facility"); including a non-exclusive right to use the existing airport beacon tower as described in paragraph 2(b), along with any number of associated antennas, an equipment shelter, fencing and any other accessories necessary to the successful and secure operation of the Communication Facility; and (iii) any activities related to the foregoing. Landlord and Tenant agree that Exhibit 1 shows the initial installation of Tenant and that it does not limit Tenant's rights under this paragraph. Landlord's execution of this Agreement will signify Landlord's approval of Exhibit 1. Tenant has the right (i) to install and operate transmission cables from the equipment shelter to the antennas, electric lines from the main feed to the equipment shelter, and communication lines from the main entry point to the equipment shelter and (ii) to erect, construct or make Property improvements, alterations, or additions appropriate for Tenant's use ("Tenant Changes"). Tenant Changes include the right to construct and maintain a fence around the Premises or undertake any other appropriate means to restrict and secure access to the Premises. Tenant shall be responsible for all costs associated with the facility including but not limited to construction and maintenance.

(b) Tenant has a non-exclusive right to use the existing airport beacon tower if: (i) the tower is tall enough (ii) has the structural integrity needed to include Tenant's use (iii) and Tenant's use does not obstruct the beacon from aircraft. In the event the beacon tower is not tall enough or strong enough, Tenant may at Tenants expense replace the tower and reinstall the airports beacon and associated equipment. If the tower is replaced, the Landlord shall maintain ownership of the new tower. If a new monopole is installed by Tenant, the Landlord shall gain ownership of the new monopole upon installation. The maximum height of the tower shall be as mutually agreed by the parties and in no case taller than allowed by the FAA.

(c) Tenant will operate Tenant facilities according to all FCC and FAA rules and regulations and will be transmitting between 869 - 891.5 MHz, Receiving between 824 - 846.5 MHz with a typical power output between 25 - 40 watts per channel with a maximum of 100 watts per channel. Tenant also transmits and receives signals in the 1900 MHz range and will notify Landlord of the exact frequencies to be used at this facility 45 days prior to Tenants use of these frequencies.

3. INSTALLATIONS. Tenant agrees to comply with all applicable governmental laws, rules, statutes and regulations, relating to its use of the Communication Facility on the Property. Tenant has the right to modify, supplement, replace, upgrade, expand the equipment, increase the number of antennas or relocate the Communication Facility within the Premises at any time during the term of this Agreement. Tenant will be allowed to make such

alterations to the Property in order to accomplish Tenant's Changes or to insure that Tenant's Communication Facility complies with all applicable federal, state or local laws, rules or regulations.

4. TERM. (a) In the event Tenant exercises the Option, the initial lease term will be five (5) years ("Initial Term"), commencing upon the Commencement Date, as defined below. The Initial Term will terminate on the last day of the month in which the fifth annual anniversary of the Commencement Date occurred.

(b) This Agreement will automatically renew for five (5) additional five (5) year Term(s) (the "Extension Term"), upon the same terms and conditions unless the Tenant notifies the Landlord in writing of Tenant's intention not to renew this Agreement at least ninety (90) days prior to the expiration of the existing Term.

(c) If Tenant remains in possession of the Premises after the termination or expiration of this Agreement then Tenant will be deemed to be occupying the Premises on a month to month basis (the "Holdover Term"), subject to the terms and conditions of this Agreement.

(d) The Initial Term, and the Extension Term and the Holdover Term are collectively referred to as the Term. ("Term").

5. RENT. (a) Commencing on the date that Tenant commences construction (the "Commencement Date"), Tenant will pay the Landlord a monthly rental payment of Eight Hundred and no/100 dollars (\$800.00), plus any applicable tax, to Landlord, at the address set forth above and marked **Att: Airport Manager**, on or before the 5th day of each calendar month in advance or to such other person, firm, or place as Landlord may, from time to time, designate in writing at least thirty (30) days in advance of any due date. Rent will be prorated for any partial month. Beginning with year two (2) of the initial term, and each year thereafter, including throughout any option terms exercised, the monthly rent will be increased by three percent (3%) over the previous year's rent.

(b) Tenant shall have the right to use a direct deposit system with regard to Rent payments. Landlord agrees to cooperate with Tenant in providing requisite information to Tenant for such direct deposit. The implementation of the direct deposit system shall be at Tenant's expense.

6. TERMINATION. This Agreement may be terminated, without penalty or further liability, as follows:

(a) by either party on thirty (30) days prior written notice, if the other party remains in default under Paragraph 15 of this Agreement after the applicable cure periods;

(b) by Tenant on sixty (60) days prior written notice, if Tenant is unable to obtain, maintain, or otherwise forfeits or cancels any required approval(s) or the issuance of a license or permit by any agency, board, court or other governmental authority necessary for the construction or operation of the Communication Facility as now and hereafter intended by Tenant; or if the Premises become unsuitable for Tenant's operation due to governmental regulations; or if Tenant determines in its sole discretion that the cost of obtaining or retaining the same is commercially unreasonable;

(c) by Tenant on sixty (60) days prior written notice, if Tenant determines in its sole discretion that Tenant's use of the Premises (as the same may have been modified from time to time) is no longer consistent with the optimal operation of Tenant's communications network based upon either technical or economic considerations in Tenant's sole discretion;

(d) by Tenant on sixty (60) days prior written notice, if Tenant determines that interference by or to Tenant's use of the Premises cannot be resolved to Tenant's satisfaction;

(e) by Tenant immediately upon notice, if destruction or damage to the Premises or the taking thereof (by partial condemnation or otherwise) is sufficient, in Tenant's reasonable judgment, to adversely affect Tenant's use of the Premises; or

(f) by Tenant immediately upon notice, if Tenant determines, in its sole discretion, due to the title results, survey results or Tests, that the condition of the Premises is unsatisfactory or Tenant believes that the leasing or continued leasing of the Premises would expose Tenant to undue risks of government action or intervention or third-party liability.

If this Agreement is terminated for any reason outlined in this paragraph, any prepaid rent will be refunded on a prorata basis.

7. INSURANCE. (a) Tenant will carry during the Term, at its own cost and expense, the following insurance: (i) "All Risk" property insurance for its property's replacement cost; (ii) commercial general liability insurance with a minimum limit of liability of \$1,000,000 combined single limit for bodily injury or death/property damage arising out of any one occurrence; and (iii) Workers' Compensation Insurance as required by law.

(b) Tenant will name the Landlord, (both the City of Carson City and Carson City Airport Authority separately), as an additional insured under its commercial general liability policy. Tenant will require its insurance company to give at least thirty (30) days prior written notice of termination or cancellation of the policy to the additional insured, except for termination or cancellation for non-payment of premium, which notice will be ten (10) days.

(c) Notwithstanding anything in this Agreement, with respect to all loss, damage, or destruction to the insured party's property (including rental value and business interruption) occurring during the term of this Agreement, Landlord and Tenant hereby releases and waives all claims (except for willful misconduct and negligence) against the other party, and against each of the other party's employees, agents, officers, and directors. Landlord and Tenant will make a reasonable effort to include in their property insurance policy or policies a waiver of subrogation provision whereby any such release does not adversely affect such policies or prejudice any right of the insured party to recover thereunder.

8. INTERFERENCE. (a) Where there are prior radio frequency user(s) on the Landlord's property, the Landlord will reasonably assist Tenant in obtaining a list of all prior radio frequency user(s) (and their frequencies) on the Property to allow Tenant to evaluate the potential for interference. Tenant warrants that its use of the Premises will not interfere with existing prior radio frequency user(s) on the Premises as long as the prior radio frequency user(s) operate and continue to operate within their frequencies, and in accordance with all applicable laws and regulations. In the event Tenant causes interference to Landlord or other preexisting radio frequency users, Tenant shall cause such interference to cease upon not more than twenty-four (24) hour notice from Landlord or other preexisting user. In the event any such interference does not cease within the aforementioned cure period then the parties acknowledge that Landlord will suffer irreparable injury, and therefore, Landlord will have the right, in addition to any other rights that it may have at law or in equity, for Tenant's breach of this Agreement, to elect to enjoin such interference or to terminate the Agreement upon notice to Tenant.

(b) Landlord will not grant, after the date of this Agreement, a lease, license or any other right to any third party for use of the Property, if such use may in any way adversely affect or interfere with Tenant's Communication Facility. Landlord will notify Tenant prior to granting any third party the right to install and operate communications equipment on the Property so that Tenant can evaluate and notify Landlord of any potential interference. Nothing contained herein will restrict Tenant nor its successors and assigns from installing and modifying its/their communication equipment.

(c) Landlord will not use, nor will Landlord permit its employees, tenants, licensees, invitees or agents to use, any portion of the Property or any of Landlord's other properties in any way which interferes with the operations of Tenant or the rights of Tenant under this Agreement. Landlord will cause such interference to cease upon not more than twenty-four (24) hour notice from Tenant. In the event any such interference does not cease within the aforementioned cure period then the parties acknowledge that Tenant will suffer irreparable injury, and therefore, Tenant will have the right, in addition to any other rights that it may have at law or in equity, for Landlord's breach of this Agreement, to elect to enjoin such interference or to terminate the Agreement upon notice to Landlord.

9. INDEMNIFICATION. (a) Tenant agrees to indemnify, defend and hold Landlord harmless from and against any direct injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) resulting from the installation, use, maintenance, repair or removal of the Communication Facility or the breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Landlord, its employees, agents or independent contractors.

(b) Landlord agrees to indemnify, defend and hold Tenant harmless from and against any and all direct injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising from the actions or failure to act of Landlord or its employees or agents, or the breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Tenant, its employees, agents or independent contractors.

10. WARRANTIES. (a) Tenant and Landlord each acknowledge and represent that it is duly organized, validly existing and in good standing and has all rights, power and authority to enter into this Agreement and bind itself hereto through the party set forth as signatory for the party below.

(b) Landlord represents and warrants that: (i) Landlord solely owns the Property as a legal lot in fee simple, or controls the Property by lease or license, unencumbered by any liens, restrictions, mortgages, covenants, conditions, easements, leases, agreements of record or not of record, which would adversely affect Tenant's use and enjoyment of the Premises under this Agreement; (ii) as long as Tenant is not in default then Landlord grants to Tenant actual, quiet and peaceful use, enjoyment and possession of the Premises; (iii) its execution and performance of this Agreement will not violate any Laws, ordinances, covenants or the provisions of any mortgage, lease or other agreement binding on the Landlord;

11. ENVIRONMENTAL. (a) Landlord represents, warrants and agrees that: (i) the Property and its uses and operations complies, and will comply, with all local, state and federal statutes or regulations, or ordinances pertaining to the environment or natural resources ("Environmental Laws"); (ii) the Property has not been used or allowed to be used by Landlord or, to the best of Landlord's knowledge, by any previous owner, to emit through ground, water or air,

refine, manufacture, generate, produce, store, contain, handle, transfer, process, treat, transport, or dispose of hazardous substances or hazardous wastes, products or pollutants, including without limitation asbestos, oil, petroleum products and their by-products, (collectively called "Hazardous Substance") as defined and regulated under any Environmental Laws; (iii) the Property has never been the subject of any federal or state Hazardous Substance related list; (iv) the Property has never required closure or clean-up of Hazardous Substance; and (v) no asbestos, Polychlorinated Biphenyls or other Hazardous Substance or underground or above ground storage tanks exist or have existed or will exist on the Property. Landlord warrants and represents that it will be solely liable for the clean-up and removal of Hazardous Substance and any related activities, including but not limited to the restoration of the Property related to Hazardous Substances now and in the future existing on the Property except to the extent generated by Tenant. Landlord will defend, indemnify and hold Tenant harmless from and against any and all direct liabilities, damages, losses, costs, assessments, penalties, fines, expenses and fees, including reasonable legal fees, consultant fees and expert witness fees, related to Landlord's breach of any of the above representations and warranties.

(b) Tenant represents, warrants and agrees to conduct its activities on the Premises in compliance with all applicable Environmental Laws. Tenant will not use, generate, release, manufacture, refine, produce, store, or dispose of any Hazardous Substance on, under, or about the Premises, except for the use of sealed batteries for emergency back-up, any fire suppression system and small quantities of cleaning products ordinarily used by commercial businesses. Tenant agrees to defend, indemnify and hold Landlord harmless from and against any and all direct liabilities, damages, losses, costs, assessments, penalties, fines, expenses and fees, including reasonable legal fees, that Landlord may suffer due to the existence or discovery of Hazardous Substance on the Property, or released into the environment that are directly caused by Tenant's use of the Premises.

(c) The indemnification's of this Paragraph specifically include reasonable costs, expenses and fees incurred in connection with any investigation of Property conditions or any clean-up, remedial, removal or restoration work required by any governmental authority. The provisions of this Paragraph will survive the expiration or termination of this Agreement.

12. ACCESS. Landlord will be permitted access to the Tenant's Premises: (i) for emergencies without prior notice to Tenant, so long as Tenant is notified as soon thereafter as reasonably practicable; and (ii) with reasonable prior notice to Tenant to make necessary repairs; in all cases provided that Tenant's equipment, technology and proprietary interests remain secure and the Communication Facility's operation is not adversely affected.

At all times throughout the term of this Agreement, and at no additional charge to Tenant, Landlord will provide, as further set forth in Exhibit 1, Tenant and its employees, agents, and subcontractors, with twenty-four hour, seven day access to and over the Property, from an open and improved public road to the Premises, for the installation, maintenance and operation of the Communication Facility and any utilities serving the Premises. In the event any public utility is unable to use the access provided to Tenant then the Landlord hereby agrees to grant an additional access or easement either to Tenant or to the public utility, for the benefit of Tenant, at no cost to Tenant.

13. REMOVAL/RESTORATION. All portions of the Communication Facility brought onto the Property by Tenant will be and remain Tenant's personal property and, at Tenant's option, may be removed by Tenant at any time during the Term. Landlord covenants and agrees that no part of the Communication Facility constructed, erected

or placed on the Premises by Tenant will become, or be considered as being affixed to or a part of, the Property, it being the specific intention of the Landlord that all improvements of every kind and nature constructed, erected or placed by Tenant on the Premises will be and remain the property of the Tenant and may be removed by Tenant at any time during the Term. Within one hundred twenty (120) days of the termination of this Agreement, Tenant will remove all such improvements. Footings, foundations, and concrete will be removed to a depth of one foot below grade. Tenant will, to the extent reasonable, restore the Premises to its condition at the commencement of the Agreement, reasonable wear and tear and loss by casualty or other causes beyond Tenant's control excepted. Tenant will not be responsible for the replacement of any trees, shrubs, or other vegetation, nor will Tenant be required to remove from the Premises or the Property any underground utilities. Notwithstanding the above, the new monopole or the light beacon/tower shall always remain the property of the Landlord - even if replaced by Tenant according to the provisions in paragraph 2.

14. MAINTENANCE ; UTILITIES. (a) Tenant will, at Tenant's expense, keep and maintain the Premises in good condition, reasonable wear and tear and damage from the elements excepted. Landlord will maintain and repair the Property and access thereto, in good and tenantable condition, subject to reasonable wear and tear and damage from the elements.

(b) Tenant will be solely responsible for and promptly pay all utilities charges for electricity, telephone service or any other utility used or consumed by Tenant on the Premises. Landlord will fully cooperate with any utility company requesting an easement over, under and across the Property in order for the utility company to provide service to the Tenant. During any application period the Tenant will have the right to temporarily use Landlord's electricity and will pay the Landlord the current local utility rate for electric consumed by Tenant. In the event Tenant cannot secure its own metered electrical supply, Tenant will have the right, at its own cost and expense, to submeter from the Landlord. Tenant will pay on a monthly basis the current local utility company rate for submetered electric, after the meter is read by the Landlord and billed to Tenant. Landlord will not be responsible for interference with, interruption of or failure, beyond the reasonable control of Landlord, of such services to be furnished or supplied by Landlord.

15. DEFAULT AND RIGHT TO CURE. (a) The following will be deemed a default by Tenant and a breach of this Agreement: (i) non-payment of Rent if such rent remains unpaid for more than thirty (30) days after receipt of written notice of such failure to pay from Landlord; or (ii) Tenant's failure to perform any other term or condition under this Agreement within forty-five (45) days after receipt of written notice from Landlord specifying the failure. No such failure, however, will be deemed to exist if Tenant has commenced to cure such default within such period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Tenant.

(b) The following will be deemed a default by Landlord and a breach of this Agreement. Landlord's failure to perform any term or condition under this Agreement within forty-five (45) days after receipt of written notice from Tenant specifying the failure. No such failure, however, will be deemed to exist if Landlord has commenced to cure the default within such period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Landlord.

16. ASSIGNMENT/SUBLEASE. (a) Landlord may assign this Agreement provided said assignee will assume, recognize and also become responsible to Tenant for, the performance of all of the terms and conditions to be performed by Landlord under this Agreement.

(b) Tenant may assign this Agreement, in whole or in part, without any approval or consent of the Landlord, to an entity controlling, controlled by, or under common control with Tenant, or to any entity which acquires all or substantially all of Tenant's assets in the market defined by the Federal Communications Commission in which the Property is located by reason of a merger, acquisition or other business reorganization. Further, the Tenant will have the right to sell, assign, or transfer this Agreement upon approval or consent of the Landlord to an entity with which Tenant has a contract to build sites. Tenant has the right to sublet the Premises, upon Landlord's consent or approval so long as the subtenant agrees to abide by the terms and conditions of this Agreement.

17. NOTICES All notices, requests, demands and communications hereunder will be given by first class, certified or registered mail, return receipt requested, or by a recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notice will be addressed to the parties at the addresses set forth below:

Tenant:	Real Estate Market Manger AT&T Wireless Services, Inc. 3763 Howard Hughes Parkway, Suite 200 Las Vegas, NV 89109 Telephone: (702) 734-1010 Facsimile: (702) 892-1091	Landlord:	Airport Manager 2600 E. Graves Lane #6 Carson City, Nevada 89706 Telephone: (775) 887-1234 Facsimile: (775) 887-1235
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With a copy to:

Property Specialist
AT&T Wireless Services, Inc.
2729 Prospect Park Drive
Rancho Cordova, CA 95670
Telephone: (888) 382-9415
Facsimile: (916) 843-8547

Either party hereto may change the place for the giving of notice to it by written notice to the other as provided herein.

18. SEVERABILITY. If any term or condition of this Agreement is found unenforceable, the remaining terms and conditions will remain binding upon the parties as though said unenforceable provision were not contained herein. However, if the invalid, illegal or unenforceable provision materially affects this Agreement then the Agreement may be terminated by either party on ten (10) days prior written notice to the other party hereto.

19. TAXES. Tenant will pay all personal property taxes assessed on, or any portion of such taxes attributable to, the Communication Facility. Tenant, upon presentation of sufficient and proper documentation, will pay, within thirty (30) days, any increase in real property taxes levied against the Property (excluding any additional taxes that relate to the period prior to the Commencement Date, i.e., rollback taxes) which is directly attributable to Tenant's use of the Property, provided Tenant will be entitled to appeal any such increase payable by it. Landlord agrees that it will cooperate with an appeal of such taxes and will promptly pay when due all real estate taxes levied against the Property.

20. CONDEMNATION. In the event Landlord receives notification of any condemnation proceedings affecting the Property, Landlord will provide notice of the proceeding to Tenant within forty-eight (48) hours. If a condemning authority takes all of the Property, or a portion sufficient, in Tenant's sole determination, to render the Premises unsuitable for Tenant, this Agreement will terminate as of the date the title vests in the condemning authority. The parties will be entitled to share in the condemnation proceeds in proportion to the values of their respective interests in the Property, which for Tenant will include, where applicable, the value of its Communication Facility, moving expenses, prepaid rent, and business dislocation expenses. Tenant will be entitled to reimbursement for any prepaid Rent.

21. CASUALTY. Landlord will provide notice to Tenant of any casualty affecting the Property within forty-eight hours of the casualty. If any part of the Communication Facility or Property is damaged by fire or other casualty so as to render the Premises unsuitable, in Tenant's sole determination, then Tenant may terminate this Agreement by providing written notice to the Landlord, which termination will be effective as of the date of such damage or destruction. Upon such termination, Tenant will be entitled to collect all insurance proceeds payable to Tenant on account thereof and to be reimbursed for any prepaid Rent.

22. BROKER FEES. Tenant and Landlord each acknowledges and represents to the other that no broker or other person was used by it in connection with this transaction. If any claims, actions or proceedings are brought against either party ("Indemnitee") by reason of any broker, finder or other person claiming to have dealt with the other party ("Indemnitor") in connection with this transaction and/or the Premises, then the Indemnitor hereby agrees to indemnify, hold harmless and defend the Indemnitee from and against all liabilities arising from such claims, and all reasonable costs and expenses incurred in connection therewith (including, without limitation, reasonable legal fees and disbursements). The provisions of this Article will survive the termination of this Agreement.

23. WAIVER OF LANDLORD'S LIENS. Tenant hereby acknowledges that Landlord is a governmental agency and thus cannot and does not by this agreement, waive any lien rights it may have, statutory or otherwise, concerning the Communication Facility or any portion thereof. The Communication Facility shall be deemed personal property for purposes of this Agreement, regardless of whether any portion is deemed real or personal property under applicable law, and Landlord hereby consents to Tenant's right to remove all or any portion of the Communication Facility from time to time in Tenant's sole discretion and without Landlord's consent, except the tower itself.

24. MISCELLANEOUS. (a) Amendment; Waiver. This Agreement cannot be amended, modified or revised unless done in writing and signed by an authorized agent of the Landlord and an authorized agent of the Tenant. No provision may be waived except in a writing signed by both parties.

(b) Short Form Lease. Either party will, at any time upon fifteen (15) days prior written notice from the other, execute, acknowledge and deliver to the other a recordable Memorandum of Lease. Either party may record this memorandum at any time, in its absolute discretion.

(c) Bind And Benefit. The terms and conditions contained in this Agreement will run with the Property and inure to the benefit of the parties, their respective heirs, executors, administrators, successors and assigns.

(d) Entire Agreement. This Agreement and the exhibits attached hereto, all being a part hereof, constitute the entire agreement of the parties hereto and will supersede all prior offers, negotiations and agreements.

(e) **Governing Law.** This Agreement will be governed by the laws of the state in which the Premises are located, without regard to conflicts of law.

(f) **Interpretation.** Unless otherwise specified, the following rules of construction and interpretation apply: (i) captions are for convenience and reference only and in no way define or limit the construction of the terms and conditions hereof; (ii) use of the term "including" will be interpreted to mean "including but not limited to"; (iii) whenever a party's consent is required under this Agreement, except as otherwise stated in the Agreement or as same may be duplicative, such consent will not be unreasonably withheld, conditioned or delayed; (iv) exhibits are an integral part of the Agreement and are incorporated by reference into this Agreement; (v) use of the terms "termination" or "expiration" are interchangeable, and (vi) reference to a default will take into consideration any applicable notice, grace and cure periods.

(g) **Estoppel.** Either party will, at any time upon fifteen (15) days prior written notice from the other, execute, acknowledge and deliver to the other a statement in writing (i) certifying that this Agreement is unmodified and in full force and effect (or, if modified, stating the nature of such modification and certifying this Agreement, as so modified, is in full force and effect) and the date to which the rent and other charges are paid in advance, if any, and (ii) acknowledging that there are not, to such party's knowledge, any uncured defaults on the part of the other party hereunder, or specifying such defaults if any are claimed. Any such statement may be conclusively relied upon by any prospective purchaser or encumbrancer of the Premises. Failure to deliver such a statement within such time will be conclusive upon the requesting party that (i) this Agreement is in full force and effect, without modification except as may be properly represented by the requesting party, (ii) there are no uncured defaults in either party's performance, and (iii) no more than one month's rent has been paid in advance.

(h) **Attorney's Fees.** If suit or action is instituted in connection with any controversy arising out of this Agreement or to enforce any of the obligations set forth herein, the prevailing party shall be entitled to recover such sums as the court may judge reasonable as attorneys' and expert witness' fees, including such fees on any appeal.

(i) **No Option.** The submission of this Agreement for examination or consideration does not constitute a reservation of or option for the Premises. This Agreement will become effective as an Agreement only upon the legal execution, acknowledgment and delivery hereof by Landlord and Tenant.

DATE: 9/6/01

WITNESSES:

"LANDLORD"

Carson City Airport Authority,
a Quasi-municipal corporation,
the manager for,
Carson City,
a consolidated municipality,
existing under the laws of the State of Nevada

"TENANT"

RENO CELLULAR TELEPHONE COMPANY,
a District of Columbia partnership,
By: AT&T Wireless Services of Nevada, Inc.,
a Nevada Corporation,
Its: General Partner
d/b/a AT&T Wireless,

By: 
David Corrao

Its: Chairman

By: 
Beth Davison

Its: System Development Manager, Arizona/Nevada

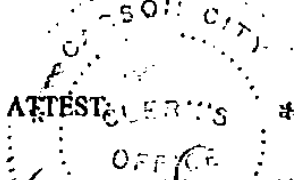
UNOFFICIAL COPY

CARSON CITY

Approved by the Board of Supervisors this 6th of Sept, 2001

Ray Masayko
RAY MASAYKO, Mayor

RAY MASAYKO, Mayor



CITY'S LEGAL COUNSEL
Approved as to form.

Katherine S. McLaughlin, Deputy
ALAN GLOVER, Clerk/Recorder

[Signature]
DISTRICT ATTORNEY

STATE OF NEVADA)
COUNTY OF CLARK) ss.

On MARCH 29, 2001, before me, a Notary Public for the State of Nevada, personally appeared BETH DAVISON, known to me to be the authorized officer of the Tenant for the above instrument, and to be the person whose name is subscribed to the instrument, and she acknowledged that she executed the same, and had authority to so execute on behalf of the Tenant.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Kelley Shamblin
NOTARY PUBLIC
SEAL



EXHIBIT I

**Legal Description of Leased Premises
Description of Facilities- Initial Installation**

AS DEPICTED IN THE ATTACHED SITE SKETCH, THAT PORTION OF:

UNOFFICIAL COPY

See attached: **Site Sketch**

[Site Sketch To be replaced by approved drawings upon completion of survey]

INITIALS
Tenant: MD
Landlord:



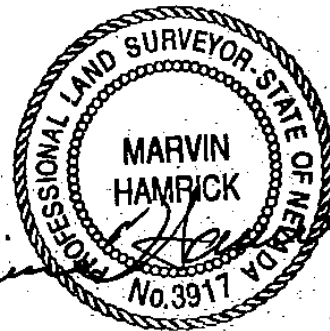
**HOT SPRINGS N062
LEASE AREA**

THAT PORTION OF SECTION 4, T15N, R20E, MDM, DESCRIBED AS FOLLOWS:

COMMENCING AT THE E1/4 CORNER OF SAID SECTION 4;
THENCE S57°59'39"W, 2343.17 FEET TO A FENCE CORNER ON THE NORTHERLY RIGHT-
OF-WAY OF GRAVES LANE;
THENCE N00°32'06"W, 159.00 FEET, ALONG SAID FENCE;
THENCE N89°27'54"E, 35.00 FEET, TO THE POINT OF BEGINNING;
THENCE ALONG THE FOLLOWING FOUR (4) COURSES:

1. N00°32'06"W, 60.00 FEET;
2. N89°27'54"E, 40.00 FEET;
3. S00°32'06"E, 60.00 FEET;
4. S89°27'54"W, 40.00 FEET, TO THE POINT OF BEGINNING.

BASIS OF BEARINGS: GEODETIC NORTH BASED ON GPS OBSERVATIONS.

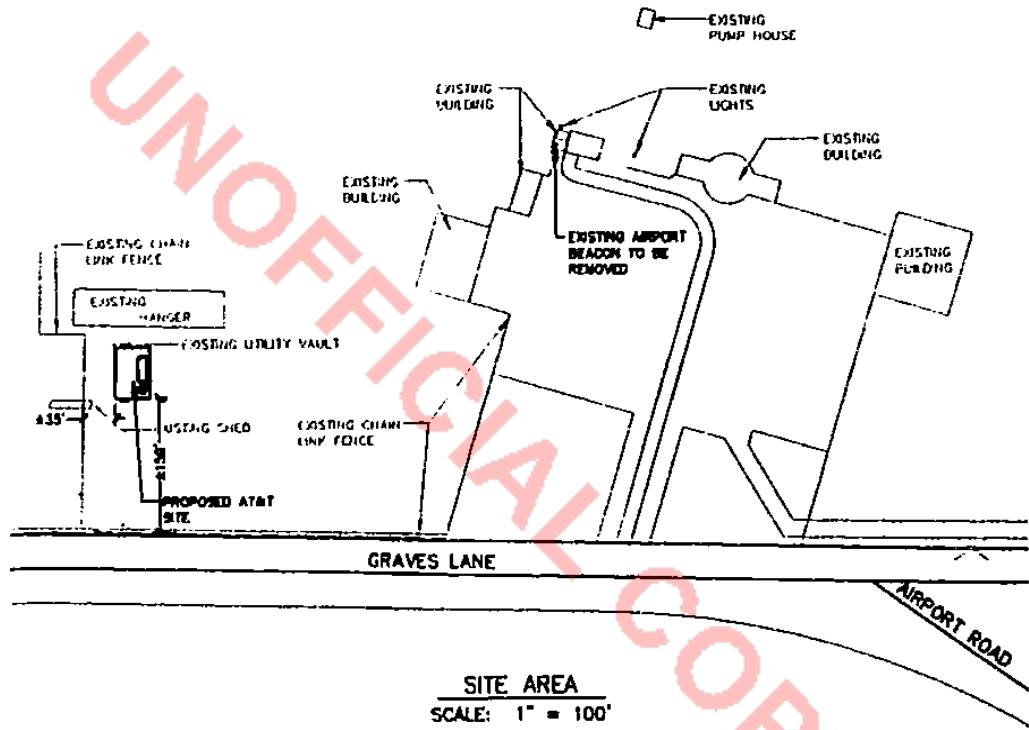
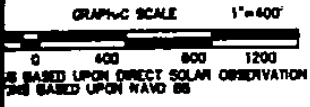


6-15-01

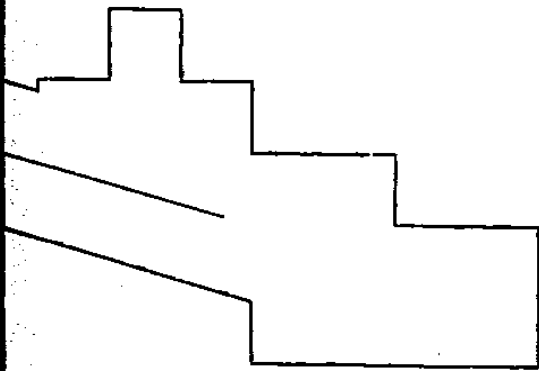
OF LEASE AREA
 008-133-014, DESCRIBED AS FOLLOWS: THE
 (1/2) OF THE SOUTH EAST ONE QUARTER (BE
 TOWNSHIP 13 NORTH, RANGE 20 EAST, M.D.B.M.
 1,000 FOOT WIDE ACCESS FROM THE SOUTH LINE OF
 LEASE AREA TO THE NORTH LINE OF GRAVES
 LANE, TOGETHER WITH AN UNSPECIFIED UTILITY
 FROM THE ABOVE DESCRIBED LEASE AREA TO EXISTING

LEGEND

- x --- x --- PROPOSED FENCE
- x --- x --- EXISTING FENCE
- CENTER LINE
- PROPERTY LINE
- EDGE OF ROADS



SITE AREA
 SCALE: 1" = 100'



NO.	DATE	REVISIONS	BY	CHK	APP'D
B	05/21/01	FORMING CORRECTION	AM		CB
A	04/11/01	ISSUED FOR REVIEW AND COMMENT	AM		CB

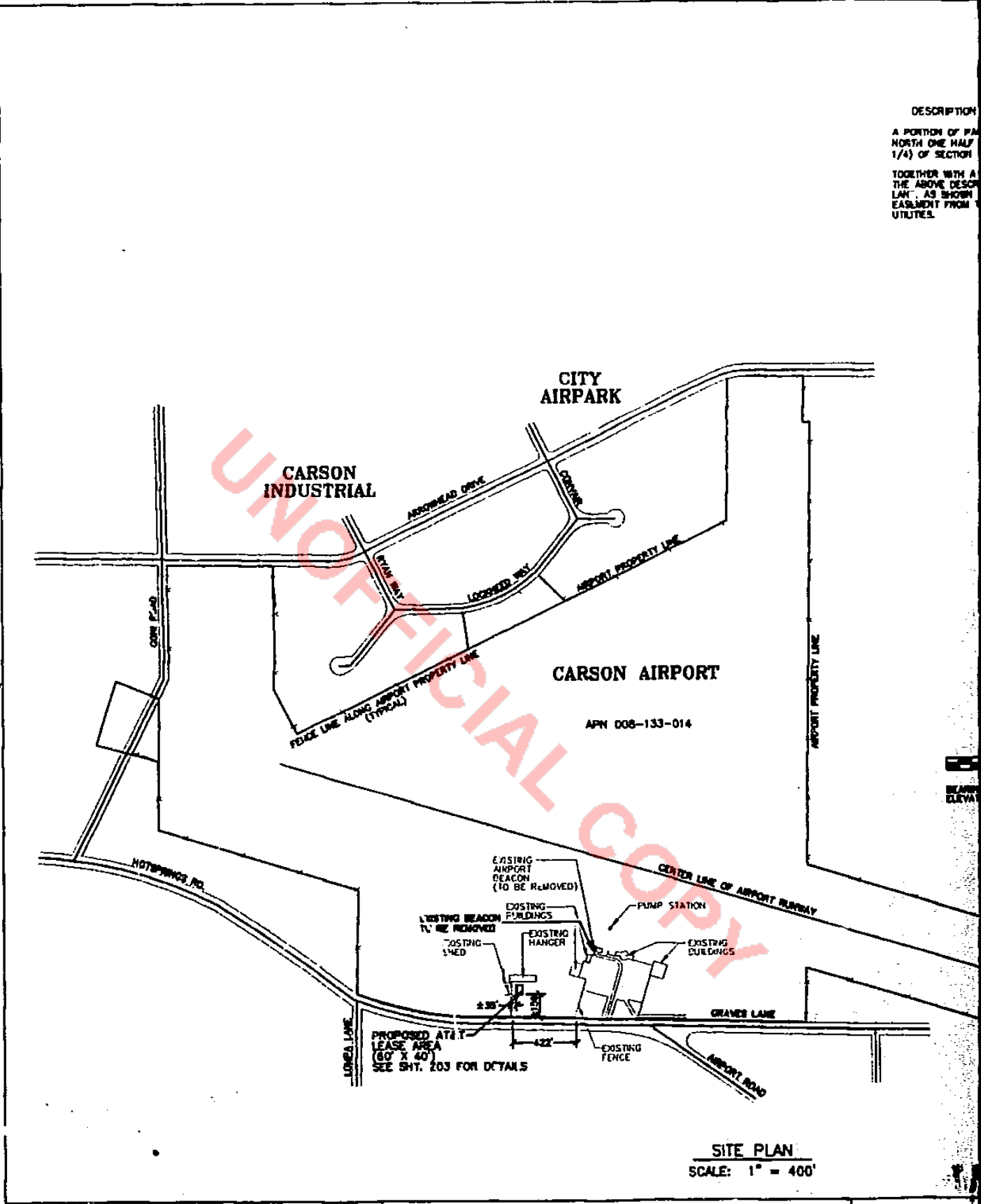
SCALE AS SHOWN DESIGNED DRAWN

SITE PLAN

24445-7LV-NO82-202

This drawing and the design it covers are the property of SPECTRUM. They are hereby loaned to the borrower's express agreement that they will not be reproduced, copied, loaned, exhibited, or used except in the limited way and for the limited purpose permitted by any written consent given by the lender to the borrower.

DESCRIPTION
 A PORTION OF THE NORTH ONE HALF 1/4 OF SECTION
 TOGETHER WITH A THE ABOVE DESCRIBED LOTS, AS SHOWN EASTMENT FROM UTILITIES.



SITE PLAN
 SCALE: 1" = 400'

SPECTRUM
 SURVEYING & ENGINEERING
 7351 W. CHARLESTON BLVD., SUITE 120
 LAS VEGAS, NEVADA 89117
 PH. (702) 367-7705
 FAX (702) 367-8733

HOTSPRINGS
SITE NO. 1008
 2600 E. GRAVES LANE #6
 CARSON CITY, NV 89705

UNOFFICIAL COPY

FILED FOR RECORD
AT THE REQUEST OF
CARSON CITY CLERK TO
THE BOARD
'01 SEP -7 P2:58

FILE NO. 266461
ALAN GLOVER
CARSON CITY RECORDER
FEES *ALC DEP. [initials]*

. 266461

Market: San Francisco / Sacramento
Cell Site Number: CVL06276/CN116276
Cell Site Name: Hot Springs (CA)
Fixed Asset Number: 10088507

FIRST AMENDMENT TO LEASE AGREEMENT

THIS FIRST AMENDMENT TO OPTION AND LEASE AGREEMENT ("**First Amendment**"), dated as of the latter of the signature dates below ("**Effective Date**"), is by and between Carson City Airport Authority, a Quasi-municipal corporation, the manager for, Carson City, a consolidated municipality, having a mailing address of 2600 College Parkway #6, Carson City, NV 89706 (hereinafter referred to as "**Landlord**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as successor in interest to Reno Cellular Telephone Company, having a mailing address of 12555 Cingular Way, Suite 1300, Alpharetta, GA 30004 (hereinafter referred to as "**Tenant**").

WHEREAS, Landlord and Tenant entered into an Option and Lease Agreement dated September 6, 2001, whereby Landlord leased to Tenant certain Premises, therein described, that are a portion of the Property located at 2600 E. Graves Lane, Carson City, NV 89706 ("**Agreement**"); and

WHEREAS, Landlord and Tenant desire to amend the Agreement to modify the permitted use section for wireless frequency usage; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to modify the notice section thereof; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to permit Tenant to add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including but not limited to emergency 911 communication services; and

WHEREAS, Landlord and Tenant, in their mutual interest, wish to amend the Agreement as set forth below accordingly.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant agree as follows:

1. **Modification of Permitted Use (Section 2c):** Tenant will continue to operate the Communication Facility in accordance with all FCC and FAA rules and regulations. In addition to previously approved operating frequencies, Landlord agrees to grant Tenant the right to operate the Communication Facility with additional frequencies as detailed in Exhibit 2 to this First Amendment. In case of any modification to the range of frequency listed on Exhibit 2 to this First Amendment, Tenant will notify Landlord 45 days prior to use of those frequencies.

2. **Notices.** Section 17 of the Agreement is hereby deleted in its entirety and replaced with the following:

NOTICES. All notices, requests, demands and communications hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows.

If to Landlord: Airport Manager
2600 College Parkway, # 6
Carson City, Nevada 89706
Telephone : (775) 841-2255
Facsimile : (775) 841-2254

If to Tenant: New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site #: CVL06276/CNU6276
Cell Site Name: HOT SPRINGS (CA)
Fixed Asset No: 10088507
12555 Cingular Way, Suite 1300
Alpharetta, GA 30004

With a copy to AT&T Legal Department:

If sent via registered or certified mail to:

New Cingular Wireless PCS, LLC
Attn: AT&T Legal Department
Re: Cell Site #: CVL06276/CNU6276
Cell Site Name: HOT SPRINGS (CA)
Fixed Asset No: 10088507
P.O. Box 97061
Redmond, WA 98073-9761

If sent via nationally recognized overnight courier to:

New Cingular Wireless PCS, LLC
Attn: AT&T Legal Department
Re: Cell Site #: CVL06276/CNU6276
Cell Site Name: HOT SPRINGS (CA)
Fixed Asset No: 10088507
16331 NE 72nd Way
Redmond, WA 98052-7827

The copy sent to the AT&T Legal Department is an administrative step which alone does not constitute legal notice. Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein.

3. Emergency 911 Service. In the future, without the payment of additional rent and at a location mutually acceptable to Landlord and Tenant, Landlord agrees that Tenant may add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including but not limited to emergency 911 communication services.


4. Other Terms and Conditions Remain. In the event of any inconsistencies between the Agreement and this Amendment, the terms of this Amendment shall control. Except as expressly set forth in this Amendment, the Agreement otherwise is unmodified and remains in full force and effect. Each reference in the Agreement to itself shall be deemed also to refer to this Amendment.

5. Capitalized Terms. All capitalized terms used but not defined herein shall have the same meanings as defined in the Agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be effective as of the last date written below.

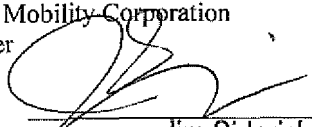
“Landlord”

Carson City Airport Authority
a Quasi-municipal corporation,
the manager for Carson City
a consolidated municipality

By: 
Print Name: Jim Rowe
Its: Airport Manager
Date: 9/13/2012

“Tenant”

New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: ~~AT&T Mobility Corporation~~
Its: ~~Manager~~
By: 
Print Name: Jim Sidorick
Senior Manager
Its: Real Estate & Construction
Date: 9/20/12

LANDLORD ACKNOWLEDGMENT

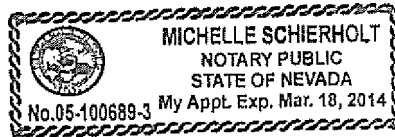
State of Nevada
County of Clark Carson City

On Sept. 13, 2012 before me, Michelle Schierholt, Notary
(insert name and title of the officer)

personally appeared Tim Rowe, Airport Manager
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his her/their authorized capacity(ies), and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Nevada that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Michelle Schierholt (Seal)

TENANT ACKNOWLEDGMENT

State of California
County of _____

On _____ before me, _____
(insert name and title of the officer)

personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

see attached

Signature _____ (Seal)

STATE OF CALIFORNIA

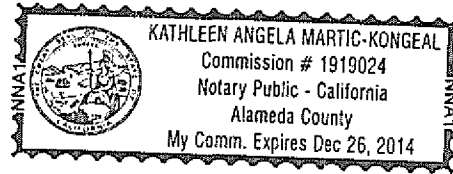
COUNTY OF ALAMEDA

On Sept 26 2012 before me, Kathleen Angela Martic-Kongea a Notary Public, personally appeared Jim Sidorick, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature Kathleen Angela Martic-Kongea
Printed Name: Kathleen Angela Martic-Kongea
My Commission Expires Dec 26, 2014



CNCNU6276
FA# 10088507
Hot Springs

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 1 of 2

This First Amendment to Lease Agreement dated _____, 2012, by and between Carson City Airport Authority, a Quasi-municipal corporation, the manager for, Carson City, a consolidated municipality as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Premises are described and/or depicted as follows:

Property Legal Description:

THAT PORTION OF SECTION 4, T15N, R20E, MDM, DESCRIBED AS FOLLOWS:

**COMMENCING AT THE E1/4 CORNER OF SAID SECTION 4;
THENCE S57°59'39"W, 2343.17 FEET TO A FENCE CORNER ON THE NORTHERLY RIGHT-
OF-WAY OF GRAVES LANE;
THENCE N00°32'06"W, 159.00 FEET, ALONG SAID FENCE;
THENCE N89°27'54"E, 35.00 FEET, TO THE POINT OF BEGINNING;
THENCE ALONG THE FOLLOWING FOUR (4) COURSES:**

- 1. N00°32'06"W, 60.00 FEET;**
- 2. N89°27'54"E, 40.00 FEET;**
- 3. S00°32'06"E, 60.00 FEET;**
- 4. S89°27'54"W, 40.00 FEET, TO THE POINT OF BEGINNING.**

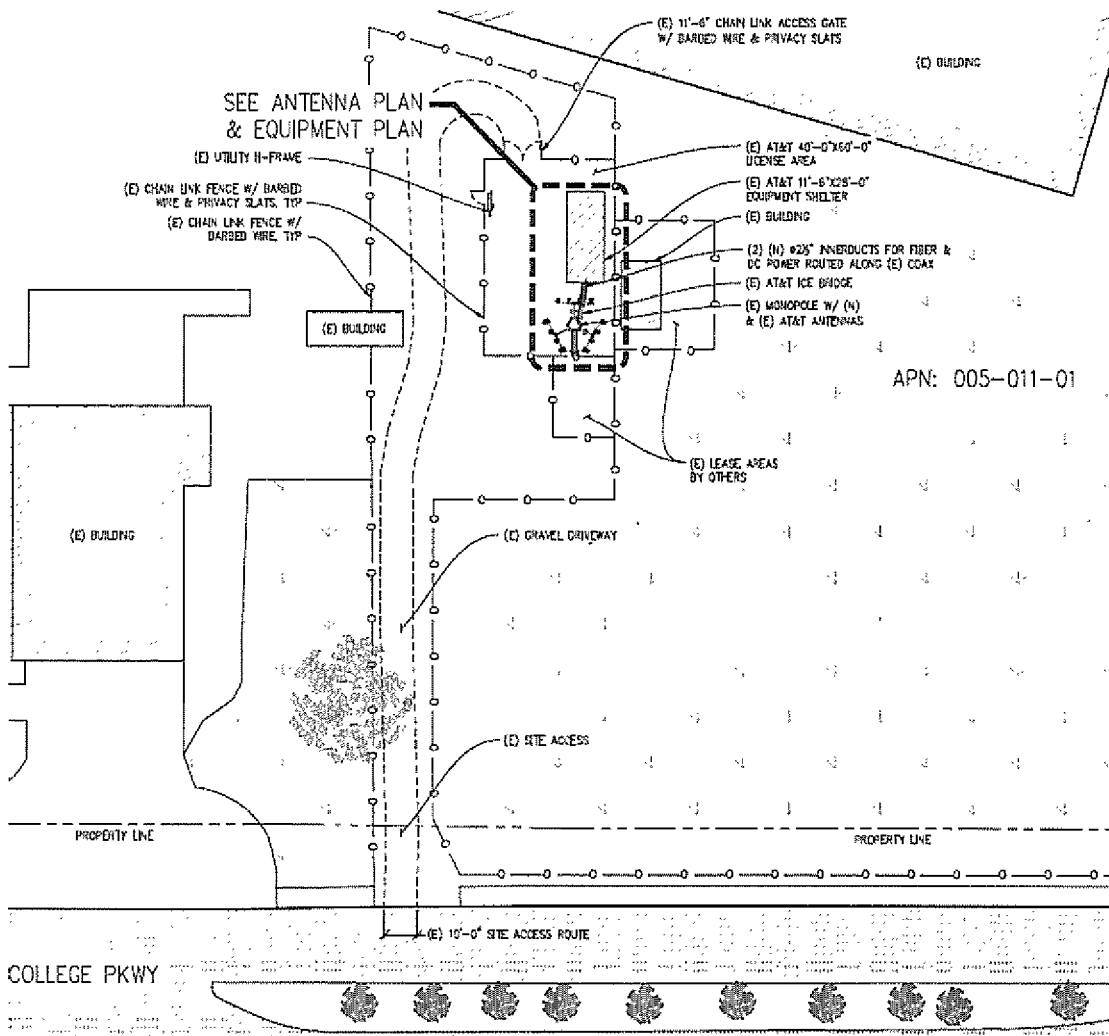
BASIS OF BEARINGS: GEODETIC NORTH BASED ON GPS OBSERVATIONS.

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 2 of 2

Lease Area Sketch or Survey:



APN: 005-011-01



SITE PLAN

1"=20'-0"

Notes:

1. This Exhibit may be replaced by a land survey and/or construction drawings of the Premises once received by Tenant.
2. Any setback of the Premises from the Property's boundaries shall be the distance required by the applicable governmental authorities.
3. Width of access road shall be the width required by the applicable governmental authorities, including police and fire departments.
4. The type, number and mounting positions and locations of antennas and transmission lines are illustrative only. Actual types, numbers and mounting positions may vary from what is shown above.

EXHIBIT 2

Site Number: CVL06276/CNU6276
Site Name: Hot Springs
Address: 2600 College Parkway, #6, Carson City, NV 89706

Tenant operates on the following transmit and receive frequencies:

GSM / Cellular A Extended:
824-835, 845-846.5 MHz and 869-880, 890-891.5 MHz

UMTS:
PCS A5 - 1860 MHz to 1865 MHz and 1940 MHz to 1945 MHz
PCS D - 1865 MHz to 1870 MHz and 1945 MHz to 1950 MHz
PCS B3 - 1870 MHz to 1875 MHz and 1950 MHz to 1955 MHz
PCS B4 - 1875 MHz to 1880 MHz and 1955 MHz to 1960 MHz

Tenant plans to operate on additional new frequencies as listed below:

LTE:
Lower B Band 700 (704 MHz to 710 MHz and 734 MHz to 740 MHz)
Lower C Band 700 (710 MHz to 716 MHz and 740 MHz to 746 MHz)
AWS E Band (1740 MHz to 1745 MHz and 2140 MHz to 2145 MHz)

Market: Northern California
Cell Site Number: CVL06276
Cell Site Name: Hot Springs (CA)
Fixed Asset Number: 10088507

SECOND AMENDMENT TO LEASE AGREEMENT

THIS SECOND AMENDMENT TO LEASE AGREEMENT (“**Amendment**”), dated as of the latter of the signature dates below, is by and between Carson City Airport Authority, a Quasi-municipal corporation, having a mailing address of 2600 College Parkway #6, Carson City, NV. 89706 (“**Landlord**”) and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosgo Drive NE, Suite 13F, West Tower, Atlanta, GA 30324 (“**Tenant**”).

WHEREAS, Landlord and Tenant entered into a Lease Agreement dated September 6, 2001, as amended by the First Amendment to Lease dated August 26, 2012, whereby Landlord leased to Tenant certain Premises, therein described, that are a portion of the Property located at 2600 E. Graves Lane, Carson City, NV, 89706 (“**Agreement**”); and

WHEREAS, Landlord and Tenant desire to amend the Agreement to modify the permitted use section for wireless frequency usage;

WHEREAS, Landlord and Tenant desire to amend the Agreement to modify the notice section thereof; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to permit Tenant to add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including but not limited to emergency 911 communication services; and

WHEREAS, Landlord and Tenant, in their mutual interest, wish to amend the Agreement as set forth below accordingly.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant agree as follows:

1. Modification of Permitted Use (Section 2c): Tenant will continue to operate the Communication Facility in accordance with all FCC and FAA rules and regulations. In addition to previously approved operating frequencies, Landlord agree to grant Tenant the right to operate the Communication Facility with additional frequencies as detailed in Exhibit 2 to this Second Amendment. In case of any modification to the range of frequency listed on Exhibit 2 to this First Amendment, Tenant will notify Landlord 45 days prior to the use of those frequencies.

2. **Notices.** Section 17 of the Agreement is hereby deleted in its entirety and replaced with the following:

NOTICES. All notices, requests, demands and communications hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows.

If to LANDLORD: Airport Manager
Attn. Corey Jenkins

2600 College Parkway
#6
Carson City, NV
89706
cjenkins@flycarsoncity.com
775-842-2255

If to TENANT: New Cingular Wireless PCS, LLC
Attn: Network Real Estate
Administration
Re: Cell Site # CVL06276

Cell Site Name: Hot Springs (CA)

Fixed Asset #: 10088507

575 Morosgo Drive NE
Suite 13-F, West Tower
Atlanta, GA 30324

With copy to: New Cingular Wireless PCS, LLC
Attn: Legal Department
Re: Cell Site # CVL06276
Cell Site Name: Hot Springs (CA)
Fixed Asset #: 10088507
208 S. Akard Street
Dallas, Texas, 75202-4206

The copy sent to the Legal Department is an administrative step which alone does not constitute legal notice. Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein.

3. **Emergency 911 Service.** In the future, without the payment of additional rent and at a location mutually acceptable to Landlord and Tenant, Landlord agrees that Tenant may add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including but not limited to emergency 911 communication services.
4. **Memorandum of Lease.** Either party will, at any time upon fifteen (15) days prior written notice from the other, execute, acknowledge and deliver to the other a recordable Memorandum of Lease substantially in the form of the Attachment 1. Either party may record this memorandum at any time, in its absolute discretion.
5. **Other Terms and Conditions Remain.** In the event of any inconsistencies between the Agreement and this Amendment, the terms of this Amendment shall control. Except as expressly set forth in this Amendment, the Agreement otherwise is unmodified and remains in full force and effect. Each reference in the Agreement to itself shall be deemed also to refer to this Amendment.
6. **Capitalized Terms.** All capitalized terms used but not defined herein shall have the same meanings as defined in the Agreement.

IN WITNESS WHEREOF, the parties have caused this Amendment to be effective as of the last date written below.

LANDLORD:

Carson City Airport Authority
A Quasi-municipal corporation
The manager for Carson City
A consolidated municipality

TENANT:

New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation
Its: Manager

By: _____

Print Name:

Its:

Date:

By: _____

Print Name:

Its:

Date:

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 1 of 3

to the Second Agreement dated _____, 2023, by and between Carson City Airport Authority, a Quasi-municipal corporation, as Landlord, and New Cingular Wireless PCS, LLC, as Tenant.

The Premises are described and/or depicted as follows:

Property Legal Description:

THAT PORTION OF SECTION 4, T15N, R20E, MDM, DESCRIBED AS FOLLOWS:

COMMENCING AT THE E1/4 CORNER OF SAID SECTION 4; THENCE: S57° 59'39"W, 2343.17 FEET TO A FENCE CORNER ON THE NORTHERLY RIGHT-OF-WAY OF GRAVES LANE; THENCE: N00° 32'06"W , 159.00 FEET, ALONG SAID FENCE: THENCE N89° 27'54"E, 35.00 FEET, TO THE POINT OF BEGINNING; THENCE ALONG THE FOLLOWING FOUR (4) COURSES:

1. N00° 32'06"W, 60.00 FEET;
2. N89°27'54 E, 40.00 FEET;
3. S00° 32'06"E, 60.00 FEET;
4. S89° 27'54"W, 40.00 FEET, TO THE POINT OF BEGINNING.

BASIS OF BEARINGS: GEODETIC NORTH BASED ON GPS OBSERVATIONS.

Lease Area Sketch or Survey:

Notes:

1. This Exhibit may be replaced by a land survey and/or construction drawings of the Premises once received by Tenant.
2. Any setback of the Premises from the Property's boundaries shall be the distance required by the applicable governmental authorities.
3. Width of access road shall be the width required by the applicable governmental authorities, including police and fire departments.
4. The type, number and mounting positions and locations of antennas and transmission lines are illustrative only. Actual types, numbers and mounting positions may vary from what is shown above.

Tenant operates on the following transmit and receive frequencies.

LTE 1900-1945-1965 Mhz and 1865-1885 Mhz

LTE 700- 740-746 Mhz and 710-716 Mhz

LTE WCS- 2350-2360 Mhz and 2305-2315 Mhz

LTE AWS-2110-2140, 2160-2170 Mhz and 1730-1740 Mhz and 1760-1770 Mhz

Tenant plans to operate the following additional frequencies as listed below.

5G CBAND- 3840-3920 Mhz



CVL06276 - HOT SPRINGS

USID: 16004 ; FA NUMBER: 10088507

PACE NUMBER: MRSFR094575, MRSFR094581, MRSFR093866, MRSFR095262, MRSFR093865

5G NR 1SR CBAND, 5G NR ACTIVATION

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

SITE INFORMATION

SITE ADDRESS: 2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

LATITUDE (NAD 83): 39.1907450
39° 11' 26.682" N

LONGITUDE (NAD 83): -119.7399850
119° 44' 23.946" W

GROUND ELEVATION: 4687'-0" AMSL (NAVD 88)

JURISDICTION: CITY OF CARSON CITY

PROPERTY OWNER: CARSON CITY AIRPORT AUTHORITY
2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

PARCEL/MAP NUMBER: 005-011-01

STRUCTURE TYPE: MONOPOLE

STRUCTURE HEIGHT: 80'-0" (AGL)

POWER SUPPLIER: TBD

TELCO SUPPLIER: TBD

PROJECT TEAM

APPLICANT: AT&T MOBILITY
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

PROJECT MANAGEMENT FIRM: TSJ CONSULTING INC
TOM JOHNSON
27128 PASEO ESPADA #A-1521
SAN JUAN CAPISTRANO, CA 92675
MOBILE : (925) 785-3727
tom@tsjconsultinginc.com

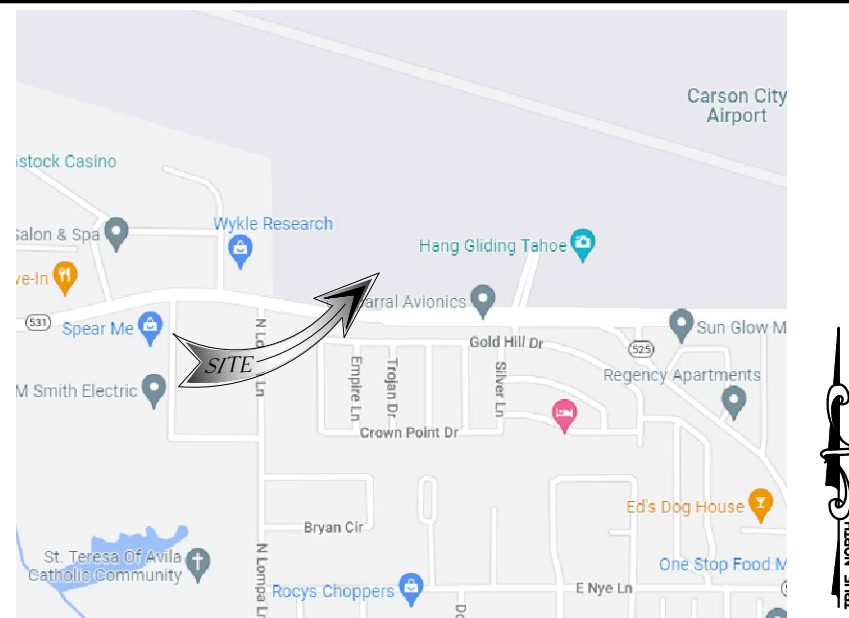
A&E FIRM: FATIMA WIRELESS
5025 E. PACIFIC COAST HIGHWAY #223
LONG BEACH, CA 90804
CONTACT: IBRAHIM ALI
PHONE (515) 708-4748
Email: ibrahim.ali@fatimawireless.com

RF ENGINEER: AT&T
TARUN SETHI
ts458v@att.com

CONSTRUCTION MANAGER: NEXIUS
JANICE CHANNING
PHONE: (925)-949-6817
janice.channing@nexus.com

SITE ACQ MANAGER: NEXIUS
MURPHY JOHNSON
PHONE: (225)-229-3637
murphy.johnson@nexus.com

VICINITY MAP



DIRECTIONS

- DIRECTIONS FROM AT&T OFFICE (5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583):
- GET ON I-680 N IN DANVILLE FROM EXECUTIVE PKWY, CAMINO RAMON AND CROW CANYON RD
 - HEAD SOUTHWEST, TURN RIGHT, TURN LEFT TOWARD EXECUTIVE PKWY, TURN RIGHT TOWARD EXECUTIVE PKWY
 - TURN RIGHT ONTO EXECUTIVE PKWY, TURN LEFT ONTO CAMINO RAMON, USE THE LEFT 2 LANES TO TURN LEFT ONTO CROW CANYON RD
 - PASS BY U.S. BANK BRANCH (ON THE RIGHT), USE THE RIGHT 2 LANES TO MERGE WITH I-680 N VIA THE RAMP TO SACRAMENTO
 - FOLLOW I-680 N AND I-80 E TO US-50 E/EEL DORADO FWY IN PLACERVILLE, MERGE WITH I-680 N
 - KEEP LEFT AT THE Y JUNCTION TO STAY ON I-680 N, TOLL ROAD, KEEP LEFT AT THE Y JUNCTION TO CONTINUE ON I-680
 - TOLL ROAD, USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO
 - MERGE WITH I-80 E, KEEP LEFT TO STAY ON I-80 E, KEEP LEFT TO CONTINUE ON I-80BL E/US-50 E, FOLLOW SIGNS FOR SACRAMENTO/SOUTH LAKE TAHOE/CAPITAL CITY FREEWAY, KEEP LEFT TO CONTINUE ON US-50 E, USE ANY LANE TO TURN SHARPLY RIGHT ONTO US-50 E/EEL DORADO FWY
 - PASS BY KFC, CONTINUE TO CARSON CITY, CONTINUE STRAIGHT TO STAY ON US-50 E/EEL DORADO FWY
 - AT THE ROUNDABOUT, CONTINUE STRAIGHT ONTO US-50 E, CONTINUE ONTO US-50 E
 - CONTINUE STRAIGHT TO STAY ON US-50 E, TURN RIGHT ONTO PIONEER TRAIL, PASS BY 7-ELEVEN (ON THE LEFT IN 7.9 MI)
 - TURN RIGHT ONTO US-50 E/LAKE TAHOE BLVD, CONTINUE TO FOLLOW US-50 E, PASS BY CVS (ON THE RIGHT IN 0.6 MI)
 - ENTERING NEVADA, FOLLOW I-580 N/US-395 TO US-50 E. TAKE EXIT 5 FROM I-580 N/US-395/US-50
 - CONTINUE ONTO I-580 N/US-395/US-50 (SIGNS FOR RENO/FALLON), TAKE EXIT 5 TO MERGE WITH US-50 E TOWARD DAYTON/FALLON
 - TAKE AIRPORT RD TO E COLLEGE PKWY, MERGE WITH US-50 E, TURN LEFT ONTO AIRPORT RD, TURN LEFT ONTO E COLLEGE PKWY

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.

- 2019 CALIFORNIA BUILDING CODE
- 2019 CALIFORNIA TITLE 24
- 2019 CALIFORNIA FIRE CODE
- 2019 CALIFORNIA ENERGY CODE
- 2019 CALIFORNIA MECHANICAL CODE
- TI/EIA-222-F OR LATEST EDITION

DRAWING INDEX

T-1	TITLE SHEET	MOD DESIGN
GN-1	GENERAL NOTES	T-01 TITLE SHEET
A-1	OVERALL SITE PLAN	MI-01 MODIFICATION INSPECTION CHECKLIST
A-1.1	ENLARGED SITE PLAN	N-01 PROJECT NOTES
A-2	EQUIPMENT LAYOUT	S-01 TOWER ELEVATION & MODIFICATION SCHEDULE
A-3	ANTENNA LAYOUT	S-02 MODIFICATION DETAILS & SECTIONS
A-4	ELEVATIONS	S-03 ANCHOR ROD DETAILS & NOTES
A-5	ELEVATIONS	
D-1	DETAILS	
D-2	DETAILS	
S-1	EME SIGNAGE SHEET	
E-1	DC POWER DESIGN	
G-1	GROUNDING PLAN	
G-2	GROUNDING DETAIL	

DRAWING SCALE

THESE DRAWINGS ARE SCALED TO FULL SIZE AT 22"x34" AND HALF SIZE AT 11"x17". 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

THIS PROJECT CONSISTS OF THE MODIFICATIONS OF AN EXISTING AT&T WIRELESS ANTENNA FACILITY:

SCOPE OF WORK:

EQUIPMENT AREA

- INSTALL (1) NEW FIF RACK BETWEEN THE EXISTING RACKS
- INSTALL (1) NEW BB6648 IN NEW FIF RACK

ANTENNA AREA

- REMOVE (3) 6'-0" TALL NNHH-65B-R4 PANEL ANTENNA FROM POS #2 FROM ALL SECTORS (ONE PER SECTOR, THREE TOTAL)
- REMOVE (3) 6'-0" TALL SBNHH-1D65B PANEL ANTENNA FROM POS #3 FROM ALPHA & BETA SECTORS AND FROM POS #1 FROM GAMMA SECTOR (ONE PER SECTOR, THREE TOTAL)
- REMOVE (3) BACKTO BACK RRU MOUNT FROM POS #3 FROM ALPHA & BETA SECTORS & POS #1 FROM GAMMA SECTOR (ONE PER SECTOR, THREE TOTAL)
- RELOCATE (3) RRUS-32 B2 FROM POS #3 TO POS #2 FOR ALL SECTORS (ONE PER SECTOR, THREE TOTAL)
- RELOCATE (3) RRUS-32 B30 FROM CURRENT POSITION FOR ALL SECTORS (ONE PER SECTOR, THREE TOTAL)
- RELOCATE (3) RRUS-4478 B14 FROM CURRENT POSITION FOR ALL SECTORS (ONE PER SECTOR, THREE TOTAL)
- INSTALL (6) 2'-6" TALL AIR6449 B77D & 2'-4" TALL AIR6419 B77G PANEL ANTENNA STACKED AT POS #3 AT ALPHA & BETA SECTORS AND POS #1 AT GAMMA SECTOR (TWO PER SECTOR, SIX TOTAL)
- INSTALL (3) NEW 6'-0" TALL JAAAH-65B-R6 PANEL ANTENNA AT POS #2 AT ALL SECTORS (ONE PER SECTOR, THREE TOTAL)
- INSTALL (1) NEW DC9 SQUID & (2) #6AWG DC TRUNK
- INSTALL (4) 1-3/4"Ø ANCHOR ROD & (4) ANCHOR ROD BRACKET ASSEMBLY

EXISTING ANTENNAS:	9	EXISTING RRUS:	15
REMOVED ANTENNAS:	6	REMOVED RRUS:	0
PROPOSED ANTENNAS:	9	PROPOSED RRUS:	0
TOTAL ANTENNAS:	12	TOTAL RRUS:	15

NOTE:

IF A DISCREPANCY IS NOTED BETWEEN THE ON SITE COUNT AND THE SPCT RECTIFIER OR BATTERY COUNT AT C1025 PLEASE CONTACT DAVE THOMAS IMMEDIATELY AT 925.314.6210

CONSULTANT

TSJ

TSJ CONSULTING INC.
27128 Paseo Espada #A-1521
San Juan Capistrano, CA. 92675

APPLICANT



SITE INFORMATION

CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

DESIGN RECORD

REV#	DATE	DESCRIPTION	BY
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PROFESSIONAL STAMP



ENGINEER

FATIMA WIRELESS
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(515) 708-4748

SHEET TITLE

TITLE BLOCK

SHEET

T-1

GENERAL CONSTRUCTION NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
GENERAL CONTRACTOR – ERICSSON
SUBCONTRACTOR – CONTRACTOR (CONSTRUCTION)
OWNER – AT&T
2. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND AT&T PROJECT SPECIFICATIONS.
3. GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS. GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
4. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
5. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
6. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
7. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS. SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
8. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER PRIOR TO PROCEEDING.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
11. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
12. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
13. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. SUBCONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
14. WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
15. SUBCONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
16. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
17. THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
18. GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND SUBCONTRACTORS TO THE SITE AND/OR BUILDING.
19. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
20. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
21. THE GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A OR 2-A:10-B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
22. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. SUBCONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY, AND D) TRENCHING & EXCAVATION.
23. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
24. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.
25. SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
26. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

27. THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.
28. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
29. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
30. SUBCONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
31. SUBCONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.
32. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE, AND IS NOT FOR HUMAN HABITAT (NO HANDICAP ACCESS REQUIRED).
33. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
34. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
35. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION AT&T MOBILITY GROUNDING STANDARD "TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GSM/GPRS WIRELESS SITES" AND "TECHNICAL SPECIFICATION FOR FACILITY GROUNDING". IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
36. SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF SUBCONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
37. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
38. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
39. NO WHITE STROBIC LIGHTS ARE PERMITTED. LIGHTING IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.
40. ALL COAXIAL CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
41. NO NOISE, SMOKE, DUST, ODOR, OR VIBRATIONS WILL RESULT FROM THIS FACILITY. (DELETE THIS NOTE IF THE SITE WILL HAVE A GENERATOR)
42. NO ADDITIONAL PARKING TO BE PROPOSED. EXISTING ACCESS AND PARKING TO REMAIN. (REVISE THIS NOTE ACCORDING TO THE SITE CONFIGURATION)
43. NO LANDSCAPING IS PROPOSED AT THIS SITE. (REVISE THIS NOTE ACCORDING TO THE SITE CONFIGURATION)

CONSULTANT



TSJ CONSULTING INC.
27128 Paseo Espada #A-1521
San Juan Capistrano, CA. 92675

APPLICANT



SITE INFORMATION

CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

DESIGN RECORD

REVISIONS			
REV	DATE	DESCRIPTION	BY
0	12/01/22	100% CD	RC
B	09/02/22	95% CD	RC
A	08/18/22	90% CD	RC

PROFESSIONAL STAMP



ENGINEER



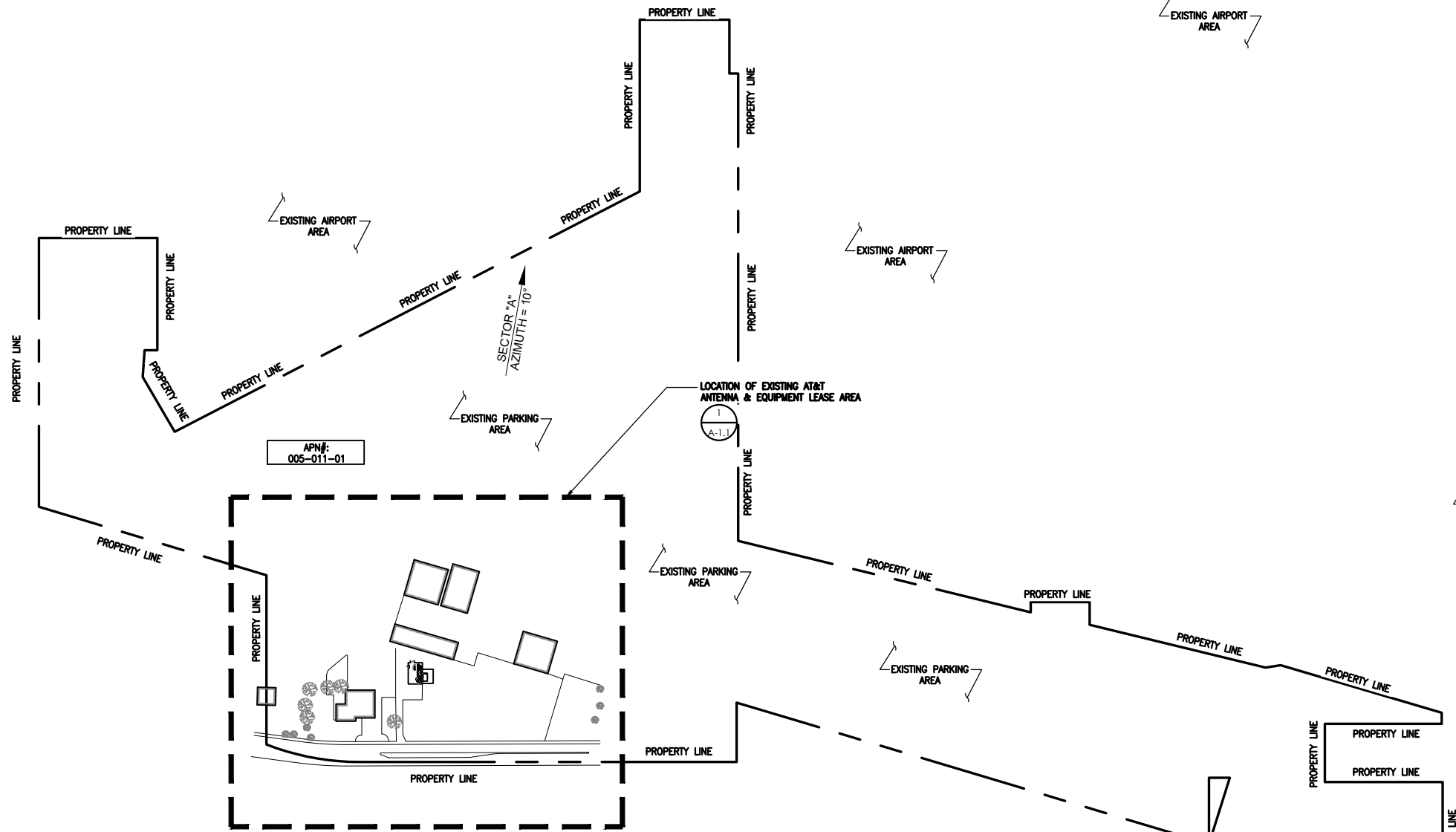
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GENERAL NOTES

SHEET

GN-1

NOTE:
 THESE DRAWINGS HAVE BEEN CREATED BY (E)
 AS-BUILTS PROVIDED BY AT&T AND WITHOUT A
 SURVEY OR SIDE MEASUREMENTS. PLEASE VERIFY
 ALL DIMENSIONS, LENGTHS, PROPERTY LINES,
 CONDUIT RUNS, ETC PRIOR TO CONSTRUCTION.



CONSULTANT



TSJ CONSULTING INC.
 27128 Paseo Espada #A-1521
 San Juan Capistrano, CA. 92675

APPLICANT



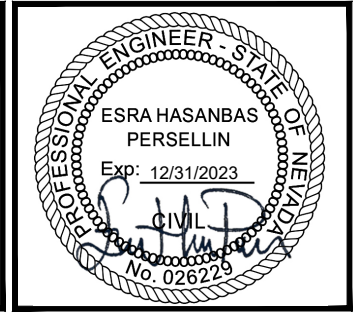
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PROFESSIONAL STAMP



ENGINEER

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 5025 E. PACIFIC COAST HIGHWAY #223
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 Ibrahim.ali@fatimawireless.com
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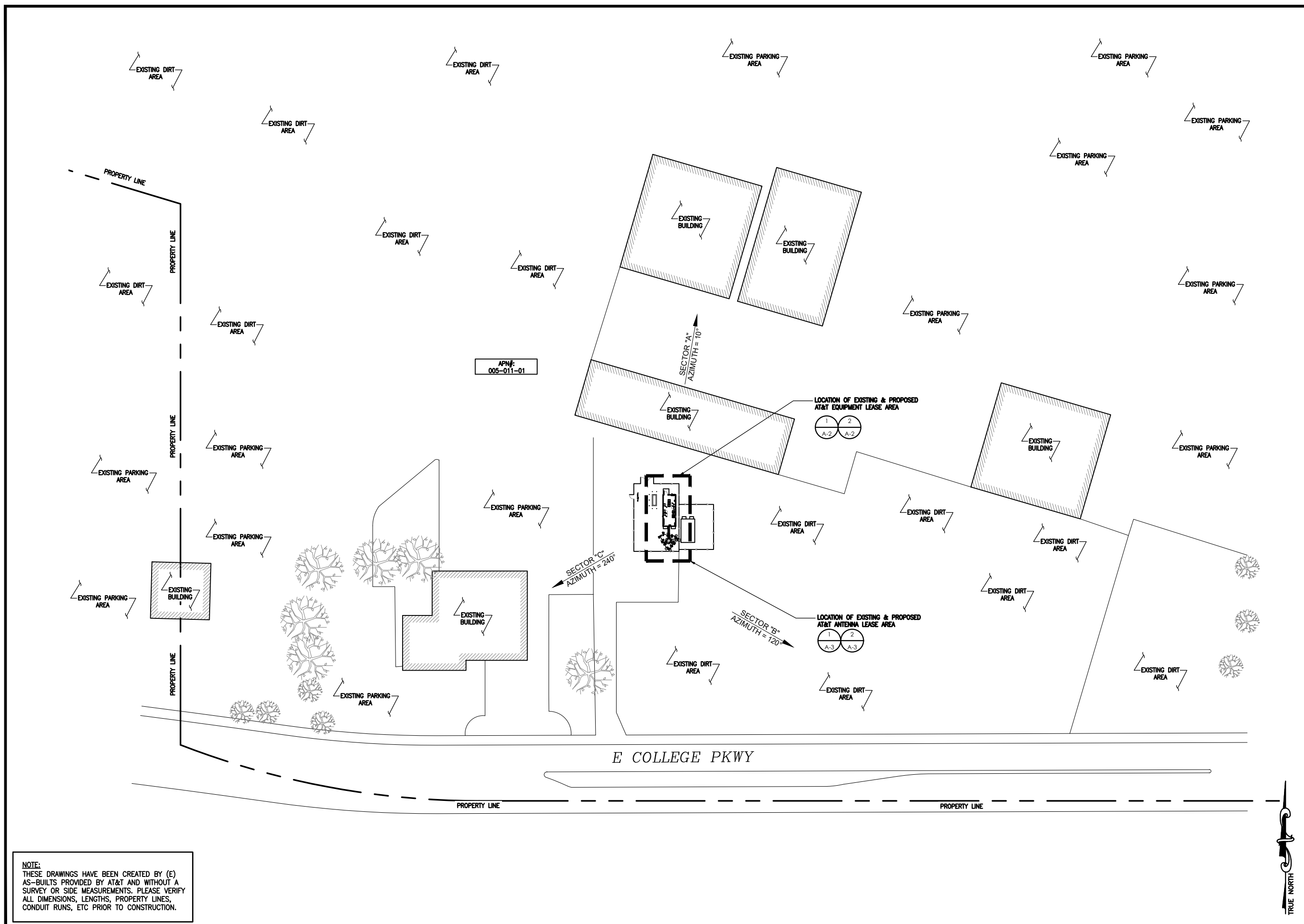
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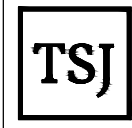

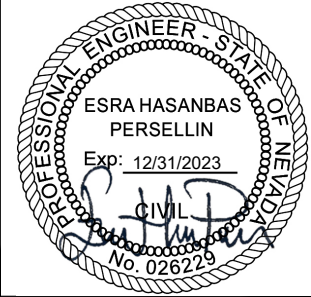
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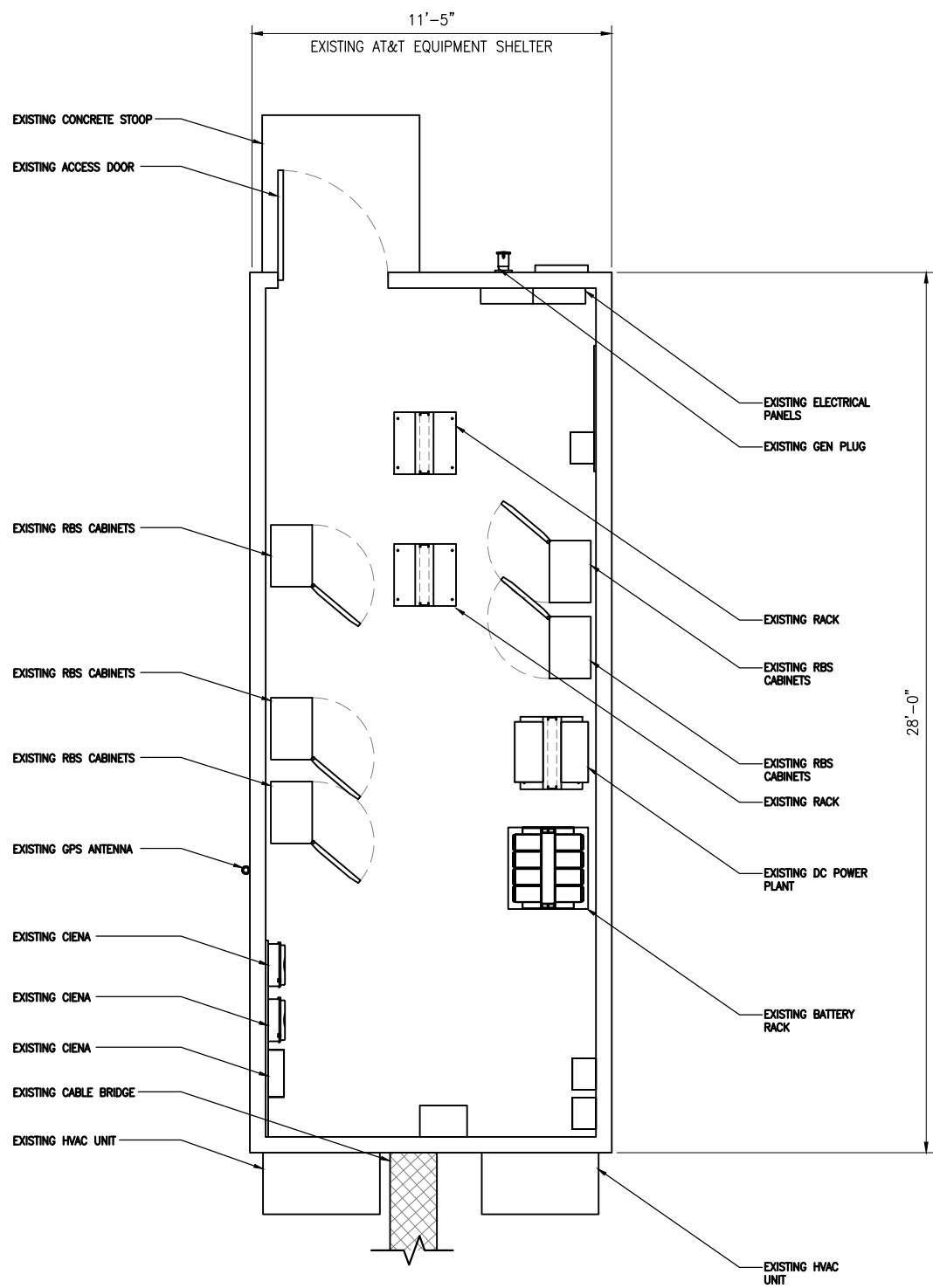
A-1





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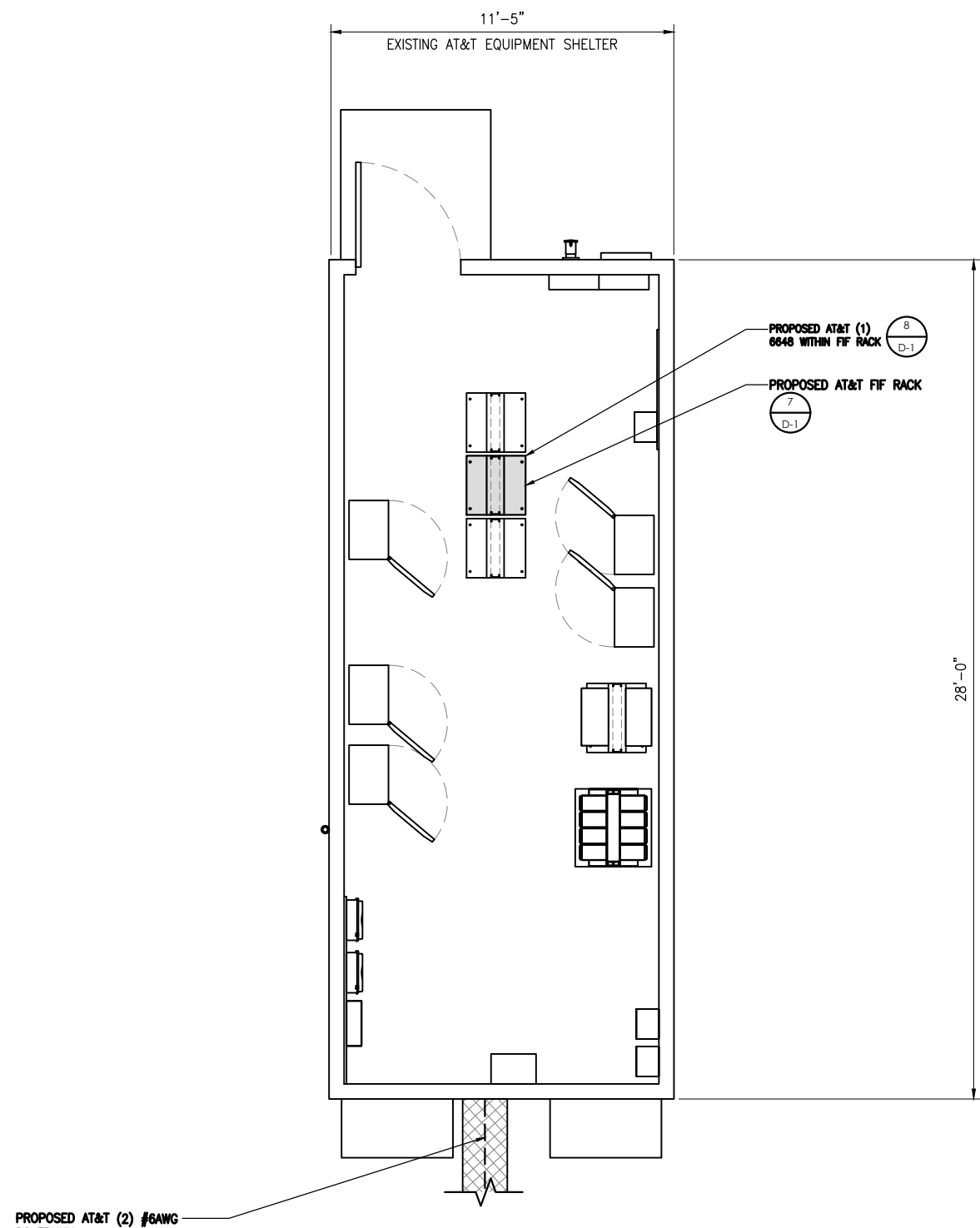
CONSULTANT	 TSJ CONSULTING INC. 27128 Paseo Espada #A-1521 San Juan Capistrano, CA. 92675																				
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ENGINEER	FATIMA WIRELESS 5025 E. PACIFIC COAST HIGHWAY #223 LONG BEACH, CA 90804 Ibrahim.ali@fatimawireless.com (515) 708-4748																				
SHEET TITLE	ENLARGED SITE PLAN																				
SHEET	A-1.1																				



EXISTING EQUIPMENT LAYOUT

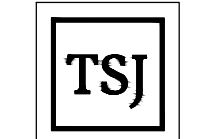
SCALE: 3/8"=1'-0" 1

PROPOSED EQUIPMENT LAYOUT



SCALE: 3/8"=1'-0" 2

CONSULTANT
APPLICANT
SITE INFORMATION
DESIGN RECORD
PROFESSIONAL STAMP
ENGINEER
SHEET TITLE
SHEET



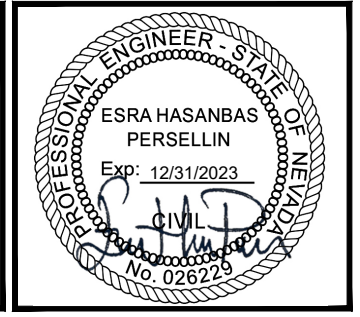
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(515) 708-4748

EQUIPMENT LAYOUTS

A-2

EXISTING RF SCHEDULE				
SECTOR	ANTENNA MODEL NUMBER	AZIMUTH	RAD CENTER	RRU
A1	NNH4-65B-R6H4	10	60'-0"	RRUS-4449 B5/B12, RRUS-8843 B2/B66A
A2	NNHH-65B-R4	10	60'-0"	RRUS-4478 B14, RRUS-32 B30
A3	SBNHH-1D65B	10	60'-0"	RRUS-32 B2
B1	NNH4-65B-R6H4	120	60'-0"	RRUS-4449 B5/B12, RRUS-8843 B2/B66A
B2	NNHH-65B-R4	120	60'-0"	RRUS-4478 B14, RRUS-32 B30
B3	SBNHH-1D65B	120	60'-0"	RRUS-32 B2
C1	SBNHH-1D65B	240	60'-0"	RRUS-32 B2
C2	NNHH-65B-R4	240	60'-0"	RRUS-4478 B14, RRUS-32 B30
C3	NNH4-65B-R6H4	240	60'-0"	RRUS-4449 B5/B12, RRUS-8843 B2/B66A

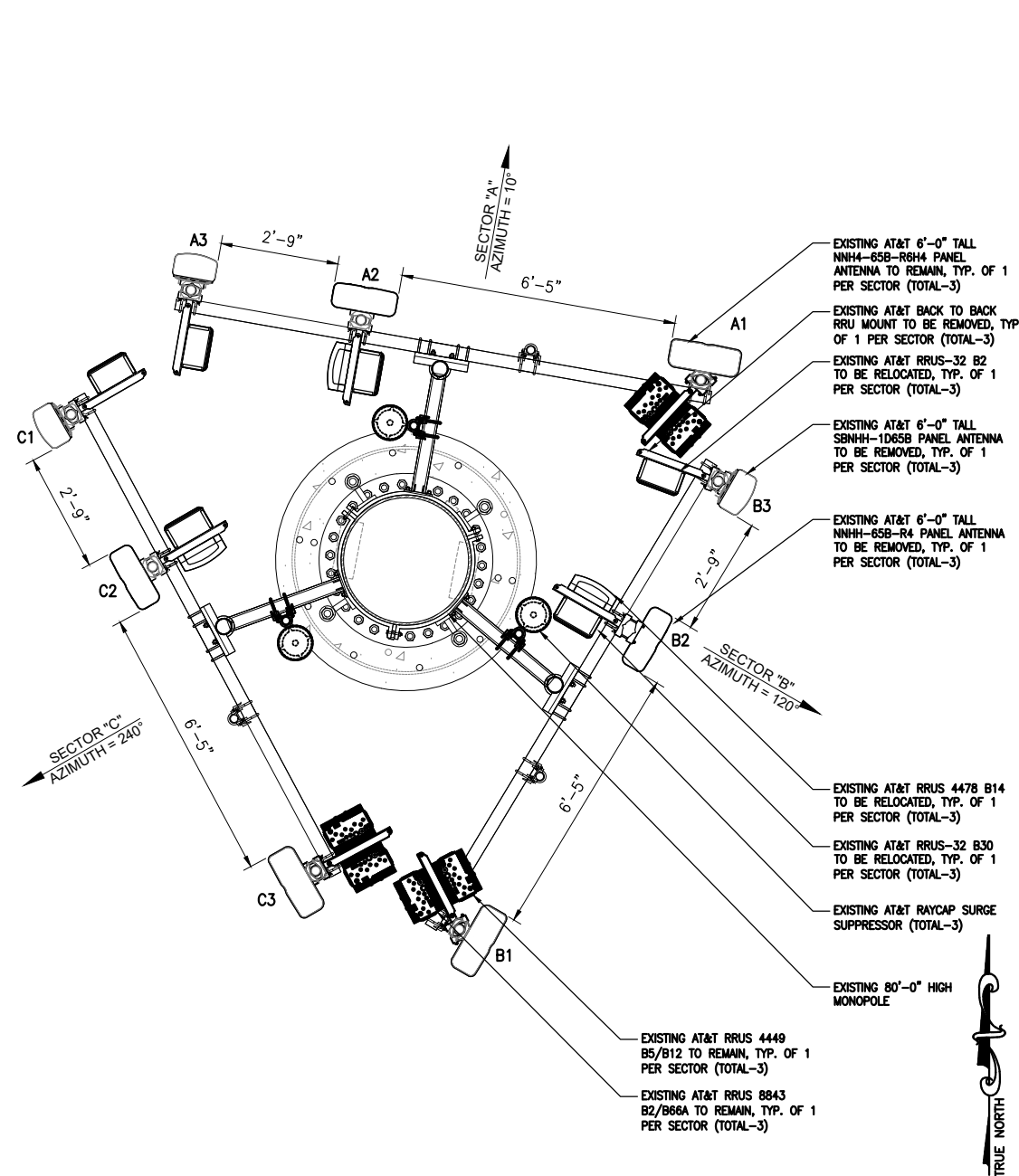
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RFDS REV	2

PROPOSED RF SCHEDULE				
SECTOR	ANTENNA MODEL NUMBER	AZIMUTH	RAD CENTER	RRU
A1	NNH4-65B-R6H4	10	60'-0"	RRUS-4449 B5/B12, RRUS-8843 B2/B66A
A2	JJAAH4-65B-R6	10	60'-0"	RRUS-4478 B14, RRUS-32 B2, RRUS-32 B30
A3	AIR6449 B77D+AIR6419 B77G STACKED	10	62'-0" & 58'-0"	INTEGRATED WITHIN: AIR6449 & AIR6419
B1	NNH4-65B-R6H4	120	60'-0"	RRUS-4449 B5/B12, RRUS-8843 B2/B66A
B2	JJAAH4-65B-R6	120	60'-0"	RRUS-4478 B14, RRUS-32 B2, RRUS-32 B30
B3	AIR6449 B77D+AIR6419 B77G STACKED	120	62'-0" & 58'-0"	INTEGRATED WITHIN: AIR6449 & AIR6419
C1	AIR6449 B77D+AIR6419 B77G STACKED	240	62'-0" & 58'-0"	INTEGRATED WITHIN: AIR6449 & AIR6419
C2	JJAAH4-65B-R6	240	60'-0"	RRUS-4478 B14, RRUS-32 B2, RRUS-32 B30
C3	NNH4-65B-R6H4	240	60'-0"	RRUS-4449 B5/B12, RRUS-8843 B2/B66A

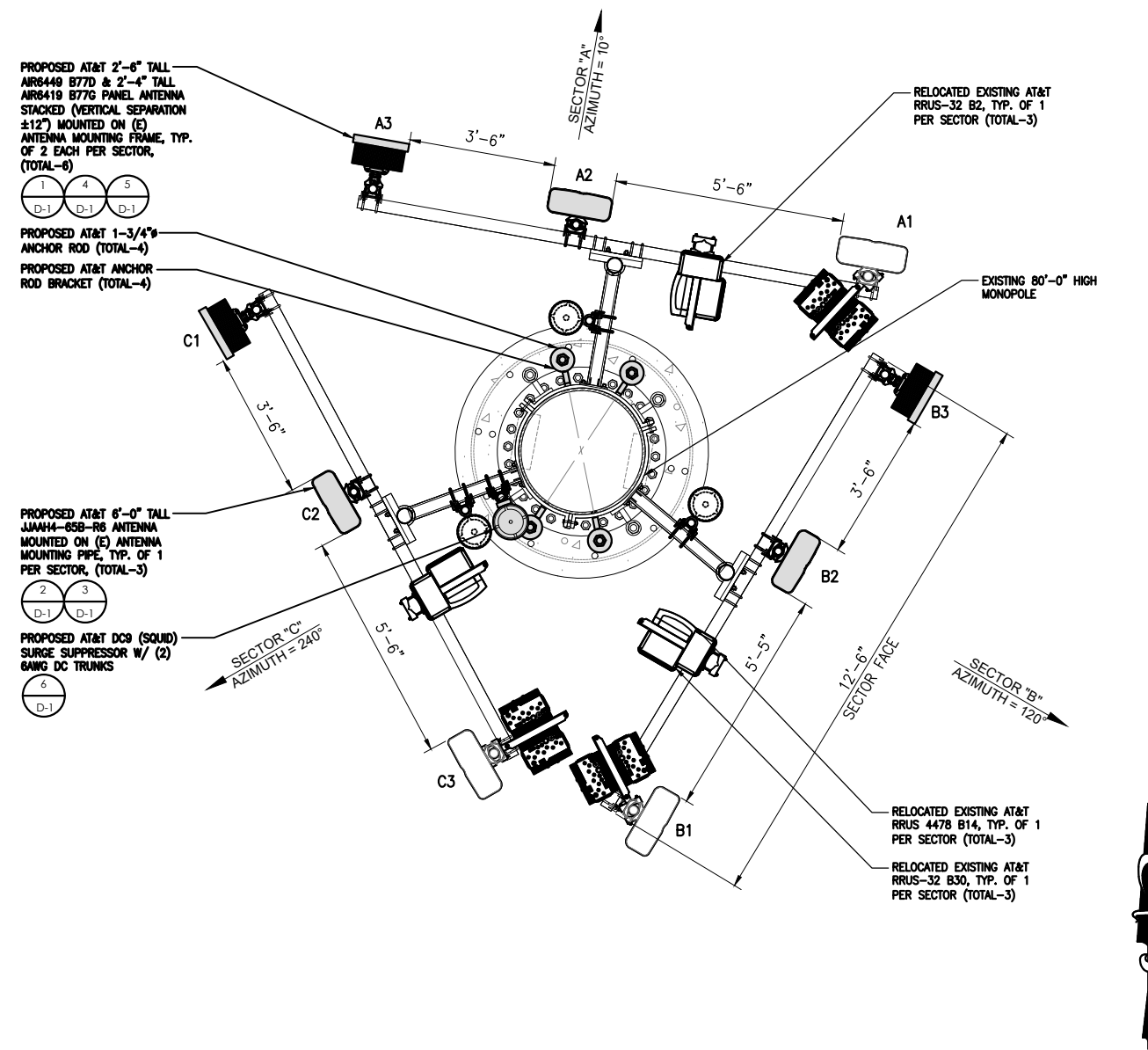
CABLE INFO: (2) 6AWG DC TRUNKS

ANTENNA RF SCHEDULE

3



NOTE:
CONTRACTOR WILL PAINT ALL ANTENNAS AND MOUNTS TO MATCH EXISTING USING A NON METALLIC BASED PAINT.



EXISTING ANTENNA LAYOUT

SCALE: 1/2"=1'-0" 2

PROPOSED ANTENNA LAYOUT

SCALE: 1/2"=1'-0" 1

CONSULTANT

APPLICANT

SITE INFORMATION

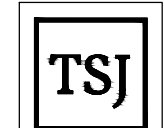
DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

SHEET



TSJ CONSULTING INC.
27128 Paseo Espada #A-1521
San Juan Capistrano, CA. 92675



CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

REVISIONS

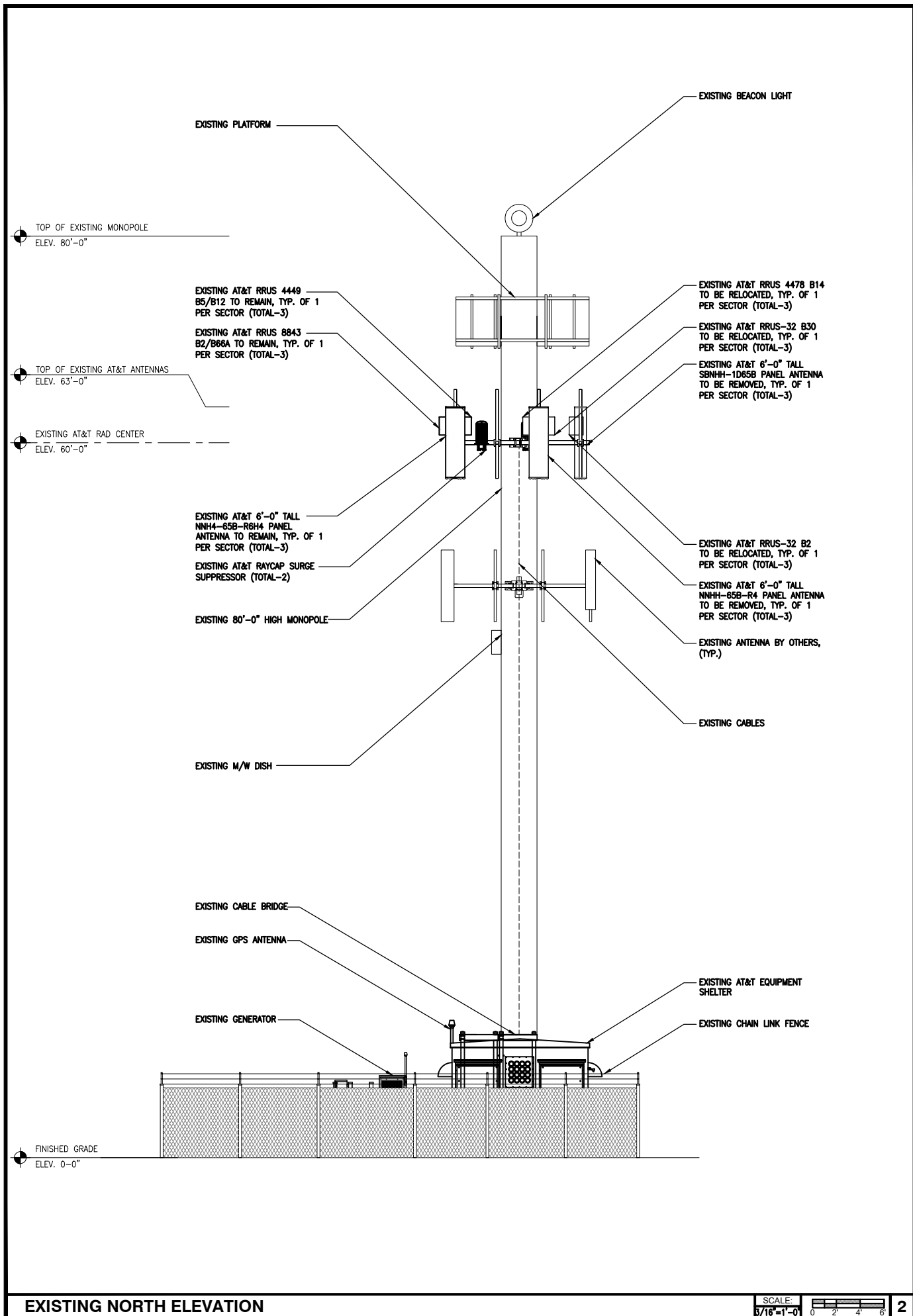
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B	09/02/22	95% CD	RC
A	08/18/22	90% CD	RC



FATIMA WIRELESS
5025 E. PACIFIC COAST HIGHWAY #223
LONG BEACH, CA 90804
Ibrahim.ali@fatimawireless.com
(515) 708-4748

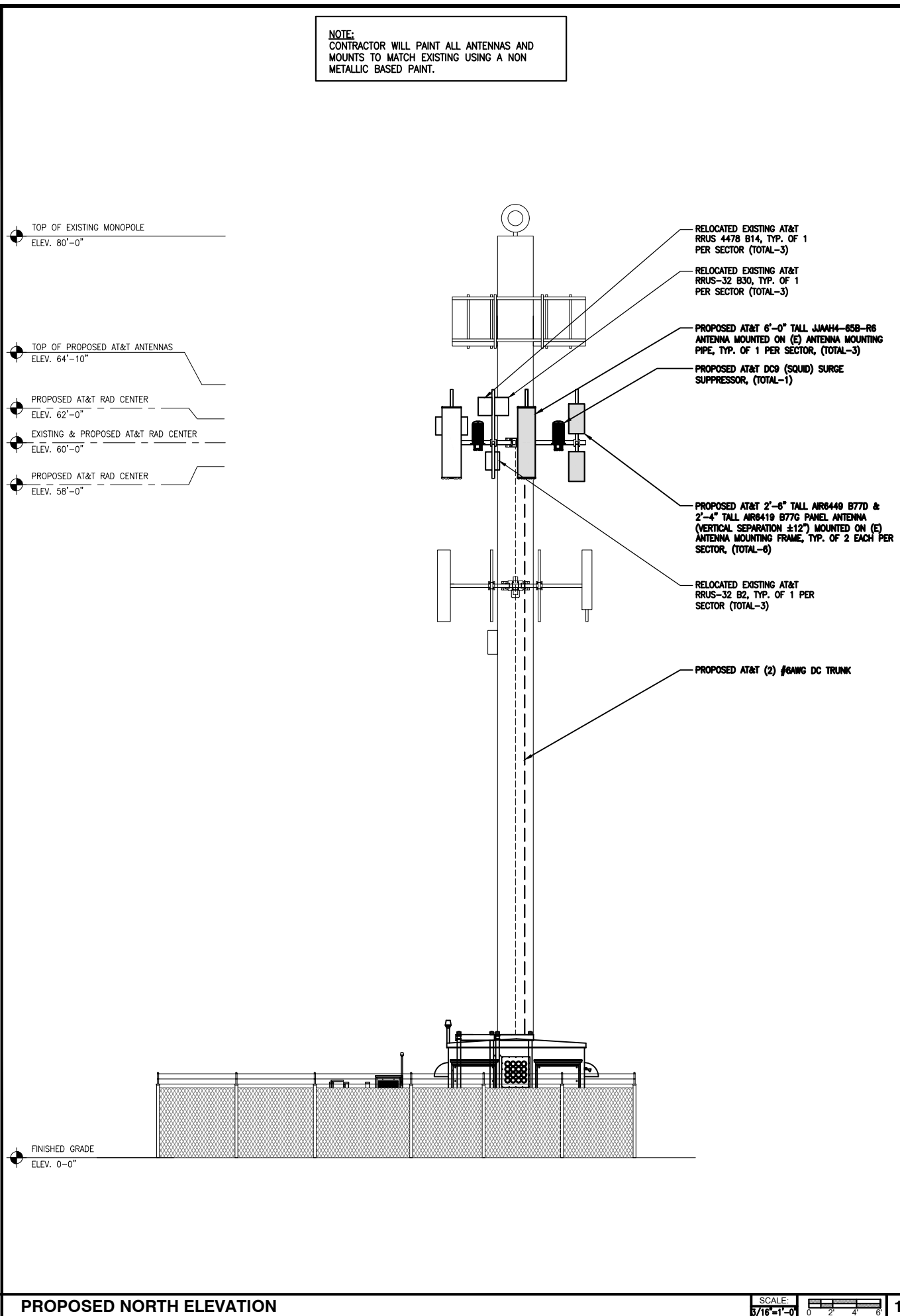
ANTENNA LAYOUTS

A-3



EXISTING NORTH ELEVATION




SCALE: 3/16"=1'-0" 0 2 4 6 2

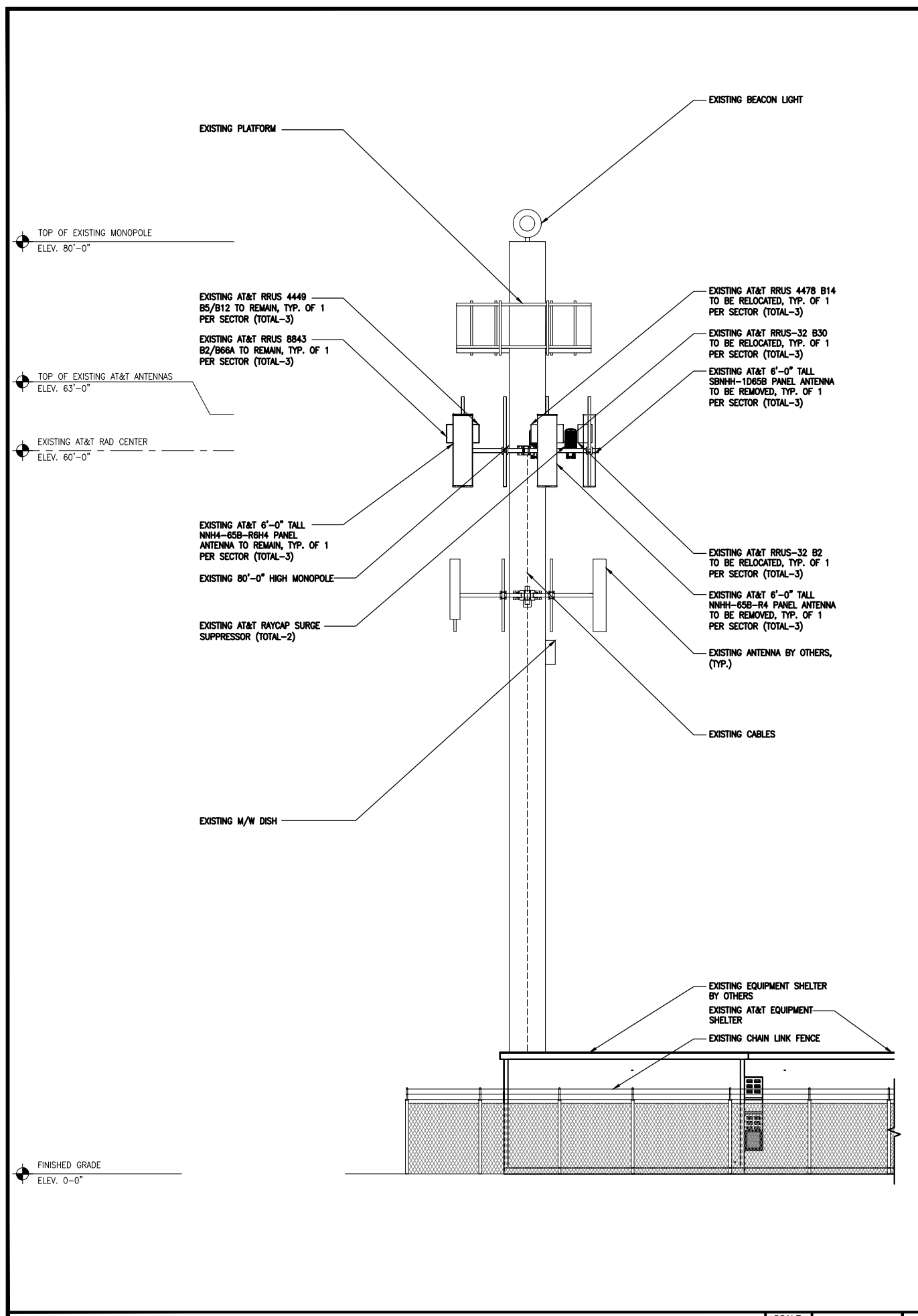


PROPOSED NORTH ELEVATION

SCALE: 3/16"=1'-0" 0 2 4 6 1

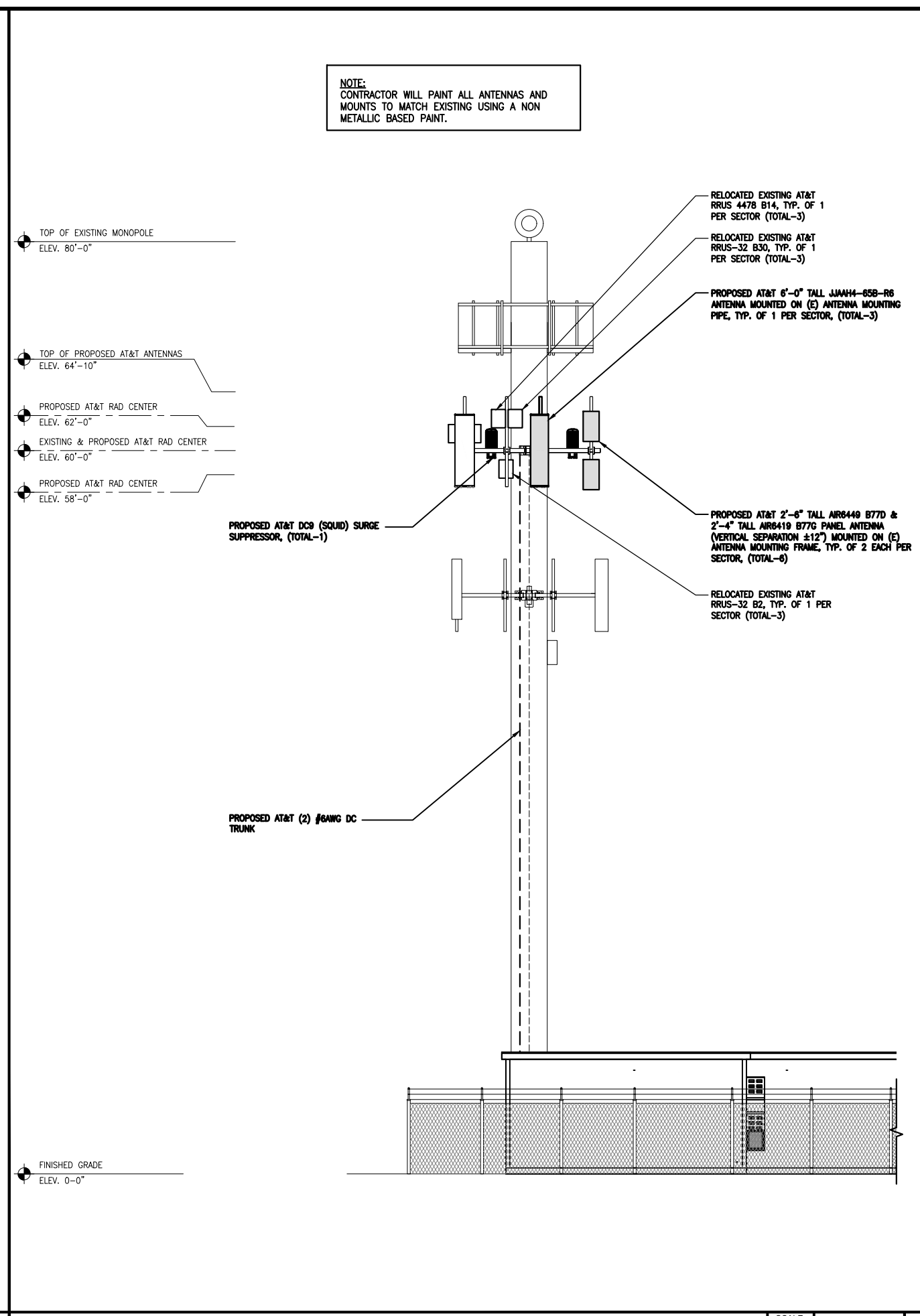
NOTE:
CONTRACTOR WILL PAINT ALL ANTENNAS AND MOUNTS TO MATCH EXISTING USING A NON METALLIC BASED PAINT.

CONSULTANT	 TSJ <small>TSJ CONSULTING INC. 27128 Paseo Espada #A-1521 San Juan Capistrano, CA. 92675</small>																				
APPLICANT																					
SITE INFORMATION	<p>CVL06276 - HOT SPRINGS</p> <p>2600 COLLEGE PARKWAY #6 CARSON CITY, NV 89706</p>																				
DESIGN RECORD	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>12/01/22</td> <td>100% CD</td> <td>RC</td> </tr> <tr> <td>B</td> <td>09/02/22</td> <td>95% CD</td> <td>RC</td> </tr> <tr> <td>A</td> <td>08/18/22</td> <td>90% CD</td> <td>RC</td> </tr> </tbody> </table>	REVISIONS				REV	DATE	DESCRIPTION	BY	0	12/01/22	100% CD	RC	B	09/02/22	95% CD	RC	A	08/18/22	90% CD	RC
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ENGINEER	<p>FATIMA WIRELESS</p> <p><small>5025 E. PACIFIC COAST HIGHWAY #223 LONG BEACH, CA 90804 Ibrahim.ali@fatimawireless.com (515) 708-4748</small></p>																				
SHEET TITLE	<p>ELEVATIONS</p>																				
SHEET	<p>A-4</p>																				



EXISTING EAST ELEVATION

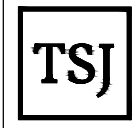

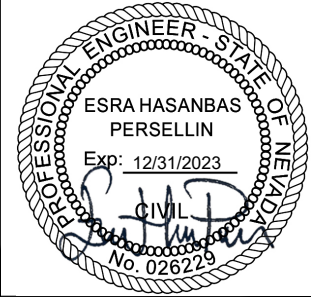
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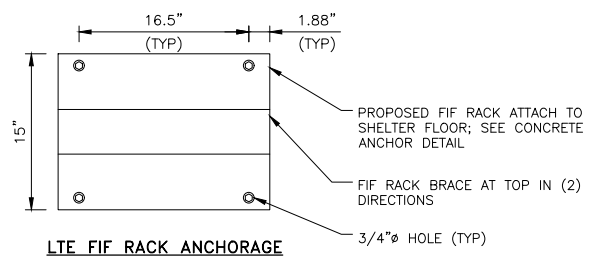
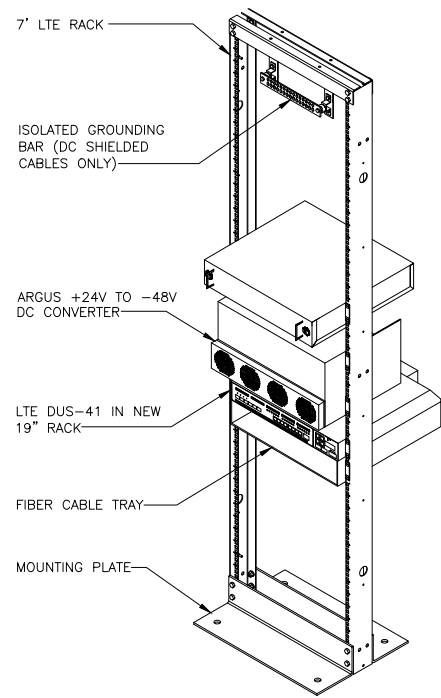


PROPOSED EAST ELEVATION

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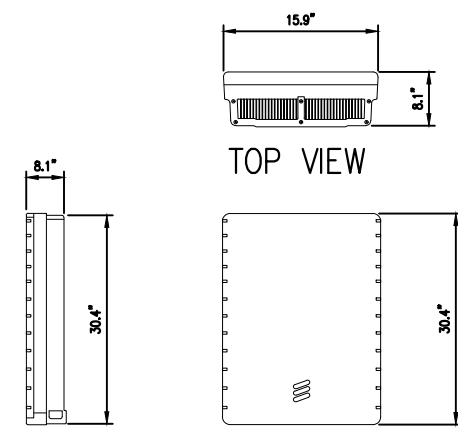
NOTE:
CONTRACTOR WILL PAINT ALL ANTENNAS AND MOUNTS TO MATCH EXISTING USING A NON METALLIC BASED PAINT.

CONSULTANT	 TSJ CONSULTING INC. 27128 Paseo Espada #A-1521 San Juan Capistrano, CA. 92675																
APPLICANT																	
SITE INFORMATION	CVL06276 - HOT SPRINGS 2600 COLLEGE PARKWAY #6 CARSON CITY, NV 89706																
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PROFESSIONAL STAMP																	
ENGINEER	FATIMA WIRELESS 5025 E. PACIFIC COAST HIGHWAY #223 LONG BEACH, CA 90804 Ibrahim.ali@fatimawireless.com (515) 708-4748																
SHEET TITLE	ELEVATIONS																
SHEET	A-5																



LTE FIF RACK DETAIL NOT TO SCALE **7**

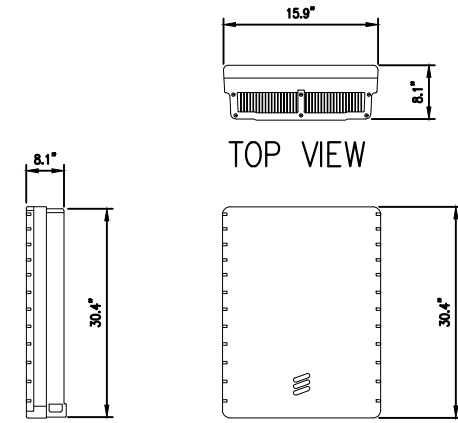
ANTENNA: ERICSSON_AIR6419_B77G
 DIMENSIONS, HxWxD IN: 30.4"x15.9"x8.1"
 WEIGHT: 81.6 LBS



SIDE VIEW TOP VIEW FRONT VIEW

AIR6419 B77G ANTENNA DETAIL NOT TO SCALE **4**

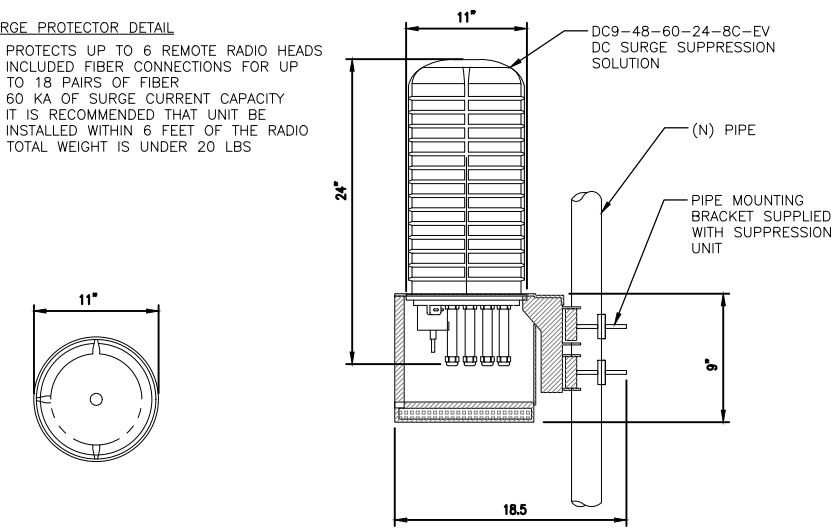
ANTENNA: ERICSSON_AIR6449_B77D
 DIMENSIONS, HxWxD IN: 30.4"x15.9"x8.1"
 WEIGHT: 81.6 LBS



SIDE VIEW TOP VIEW FRONT VIEW

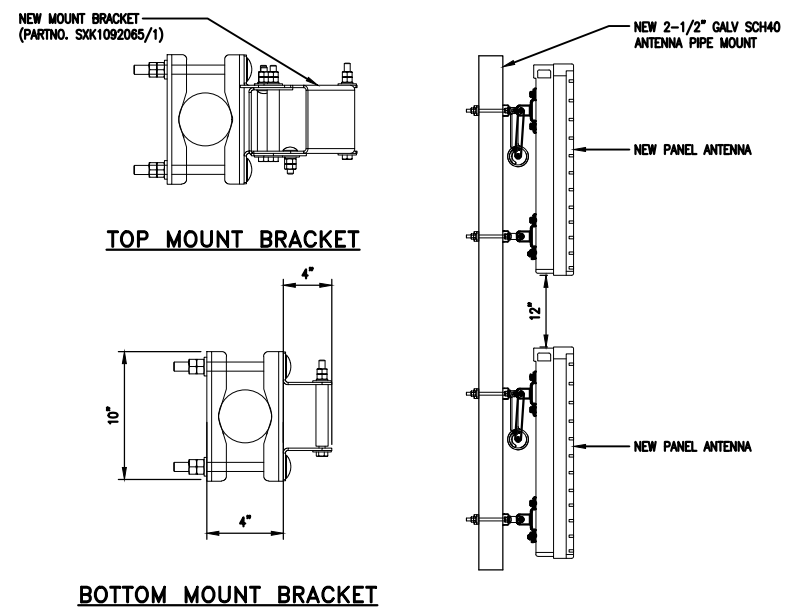
AIR6449 B77D ANTENNA DETAIL NOT TO SCALE **5**

- SURGE PROTECTOR DETAIL**
- PROTECTS UP TO 6 REMOTE RADIO HEADS
 - INCLUDED FIBER CONNECTIONS FOR UP TO 18 PAIRS OF FIBER
 - 60 KA OF SURGE CURRENT CAPACITY
 - IT IS RECOMMENDED THAT UNIT BE INSTALLED WITHIN 6 FEET OF THE RADIO
 - TOTAL WEIGHT IS UNDER 20 LBS



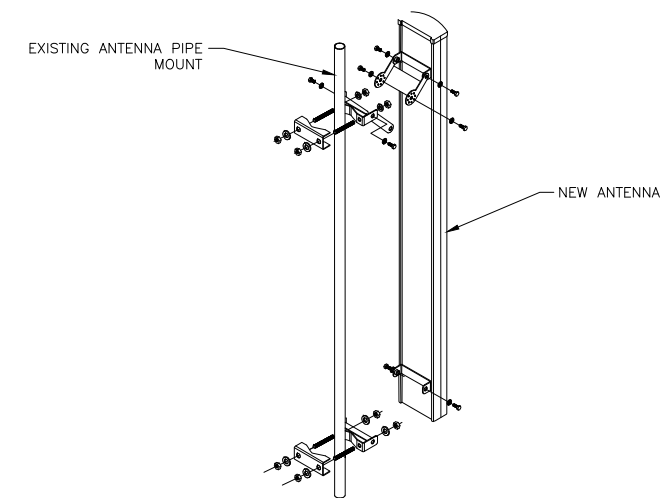
PLAN VIEW SIDE VIEW

SURGE PROTECTOR DETAIL NOT TO SCALE **8**



TOP MOUNT BRACKET BOTTOM MOUNT BRACKET

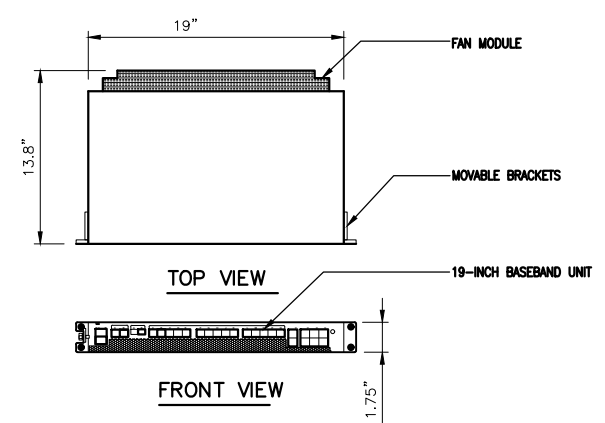
ANTENNA MOUNT DETAIL NOT TO SCALE **1**



ANTENNA MOUNTING DETAIL NOT TO SCALE **2**

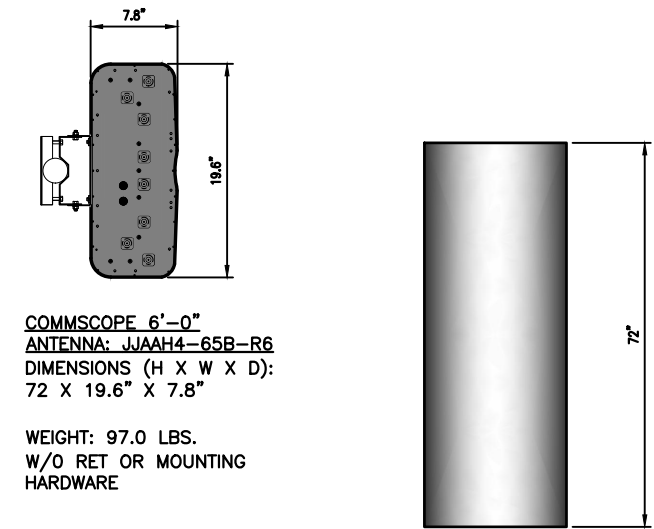
ERICSSON BASEBAND 6648

DIMENSIONS, WxDxH: 19"x13.8"x1.75"
 TOTAL WEIGHT: 14.3 LBS
 CPRI SUPPORT: 2.5 Gbps, 4.9 Gbps, and 10.1 Gbps



TOP VIEW FRONT VIEW

BASEBAND 6648 DETAIL NOT TO SCALE **8**



COMMSCOPE 6'-0" ANTENNA: JAAH4-65B-R6 DIMENSIONS (H X W X D): 72 X 19.6" X 7.8" WEIGHT: 97.0 LBS. W/O RET OR MOUNTING HARDWARE

JAAH4-65B-R6 ANTENNA DETAIL NOT TO SCALE **3**

CONSULTANT

TSJ CONSULTING INC.
 27128 Paseo Espada #A-1521
 San Juan Capistrano, CA. 92675

APPLICANT

at&t
 mobility corp.

SITE INFORMATION

CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
 CARSON CITY, NV 89706

DESIGN RECORD

REV	DATE	DESCRIPTION	BY
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PROFESSIONAL STAMP

ENGINEER

FATIMA WIRELESS

5025 E. PACIFIC COAST HIGHWAY #223
 LONG BEACH, CA 90804
 Ibrahim.ali@fatimawireless.com
 (515) 708-4748

SHEET TITLE

DETAILS

SHEET

D-1



NOT USED NOT TO SCALE 2



NOT USED NOT TO SCALE 3



NOT USED NOT TO SCALE 4

AIR BRACKET - MEDIUM

AAS medium brackets
The bracket comes in two version, one with only azimuth adjustment possibility and one with both azimuth adjustment and vertical tilting possibility. The brackets are easy to assemble and install. There are 2 mounting options for the brackets, on a pole, to a wall.

Robustness
The usage of high strength steel allows for a very robust, yet light weight design. The brackets can handle units up to 70kg with a maximum tilt of ±20° and an azimuth adjustment of ±30°.

Quality
Galvanized high strength steel.

SXX 109 2064/1

SXX 109 2065/1

Function Description
SXX 109 2064/1 and SXX 109 2065/1
Brackets for mounting an AIR unit with a maximum weight of 70kg and an bracket interface of M10 bolts with a c-c measure of 150mm. Both brackets provide the possibility of ±30° azimuth adjustment and SXX 109 2065/1 also provide tilting of the unit ±20°.

TECHNICAL SPECIFICATIONS

PRODUCT NAME		PRODUCT NUMBER	
AIR Medium, Wall and Pole mount bracket without tilt		SXA 109 2064/1	
AIR Medium, Wall and Pole mount bracket with tilt		SXA 109 2065/1	
CLAMP MOUNTING RANGE	TUBES	SQUARE PROFILES	90° ANGLE
Minimum	Ø76 mm (3 in)	50 x 50 mm (2,0 x 2,0 in)	50 x 50 mm (2,4 x 2,4 in)
Maximum	Ø114 mm (5,5 in)	80 x 80 mm (3,2 x 3,2 in)	80 x 80 mm (3,2 x 3,2 in)
EQUIPMENT COMPABILITY		AIR units with a c-c 150mm interface for M10 bolts	
MECHANICAL SPECIFICATION			
Clamp profiles		High Strength Steel, FZV	
Fasteners		8.8 FZV or equivalent	
PERFORMANCE			
Maximum equipment weight		70 kg (143 lb)	
Maximum horizontal reaction force		2kN	
Maximum wind speed		67m/s (240km/h, 149mph)	
PACKAGE DIMENSION			
SXX 109 2064/1		LENGTH 200mm (7,9 in)	WIDTH 200mm (7,9 in)
SXX 109 2065/1		HEIGHT 400mm (15,7in)	WEIGHT 170mm (6,7 in) 5,7kg (12lb)

Ericsson AB
SE-166 26 Stockholm, Sweden
Telephone +46 8 719 0000
Fax +46 8 18 40 65
www.ericsson.com

287 01-SXX 109 2064/1 Uen rev C
© Ericsson AB 2018

SXX1092065/1 BRACKET DETAIL NOT TO SCALE 1

CONSULTANT

TSJ CONSULTING INC.
27128 Paseo Espada #A-1521
San Juan Capistrano, CA. 92675

APPLICANT

SITE INFORMATION

CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

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PROFESSIONAL STAMP

ENGINEER

FATIMA WIRELESS

5025 E. PACIFIC COAST HIGHWAY #223
LONG BEACH, CA 90804
Ibrahim.ali@fatimawireless.com
(515) 708-4748

SHEET TITLE

DETAILS

SHEET

D-2

CAUTION

Beyond this point:
Radio frequency fields at this site may exceed FCC rules for human exposure.

For your safety, obey all posted signs and site guidelines for working in radio frequency environments.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(b)

©1997 Richard Tall Associates, Inc.

NOTE:
LOCATE AT ACCESS GATE PER EMF REPORT

RF WARNING SIGNS

NOT TO SCALE

5

NOTICE

Radio frequency fields beyond this point may exceed the FCC general public exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(b)

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NOTE:
LOCATE AT ACCESS GATE PER EMF REPORT

RF WARNING SIGNS

NOT TO SCALE

3

NOTICE

GUIDELINES FOR WORKING IN RADIOFREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EME) awareness training.
- All personnel entering this site must be authorized.
- Obey all posted signs.
- Assume all antennas are active.
- Before working on antennas, notify owners and disable appropriate transmitters.
- Maintain minimum 3 feet clearance from all antennas.
- Do not stop in front of antennas.
- Use personal RF monitors while working near antennas.
- Never operate transmitters without shields during normal operation.
- Do not operate base station antennas in equipment room.

NOTE:
LOCATE AT ACCESS GATE

RF NOTICE SIGN

NOT TO SCALE

1

IN CASE OF EMERGENCY CALL

1-888-218-6664

NOTE:
LOCATE AT ACCESS GATE

EMERGENCY CONTACT SIGN

NOT TO SCALE

6

NOTICE TO WORKERS

AVISO A TRABAJADORES

工作人員注意

NOTE:

- WARNING SIGN TO BE MOUNTED AT LOCATION SHOWN ON PLANS AND SIGN TO BE PAINTED A GREY WHITE
- SIGN SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL AND CONTENT CONVENTIONS.
- CONTRACTOR TO VERIFY WITH THE CARRIER THAT THE CORRECT PHONE NUMBER PRIOR TO SIGN FABRICATION AND INSTALLATION.

NOTE:
LOCATE AT ACCESS GATE

LANGUAGES NOTICE SIGN

NOT TO SCALE

4

EMERGENCY SHUTDOWN PROCEDURE

FOR IMMEDIATE SHUTDOWN, 24 HOURS/7 DAYS A WEEK, OF ALL RADIO FREQUENCY EMISSIONS OF THIS SITE PLEASE CALL CONTACT NUMBER AND GIVE SITE IDENTIFICATION NUMBER

CONTACT PHONE NUMBER:
1-888-662-4662

T-MOBILE SITE IDENTIFICATION NUMBER
#####

(ENTER SITE NUMBER ABOVE)

(NO MANUAL SHUTDOWN OF THIS SITE)
LOCATION OF EQUIPMENT
 ROOFTOP
 OTHER (SPECIFY) _____

THIS EQUIPMENT HAS BATTERY BACKUP:
 YES NO

NOTE:

- SIGN SHALL BE A PHENOLIC LABEL WITH WHITE BACKGROUND AND BLACK LETTERING. THE TITLE BLOCK SHALL BE A RED BACKGROUND AND 1" HIGH WHITE LETTERING.
- CONTRACTOR TO PLACE SIGNS IN FOLLOWING LOCATIONS:
 - CELL SITE EQUIPMENT DOOR
 - BATTERY LOCATION WITHIN PROXIMITY OF BATTERY DISCONNECT
 - FCC ROOM WITHIN PROXIMITY OF THE FIRE ALARM PANEL
 - BUILDING'S MAIN ELECTRICAL ROOM WITHIN PROXIMITY OF THE MAIN SHUTOFF AND/OR AT THE CELL SITE MAIN ELECTRICAL DISCONNECT

EMERGENCY SHUTDOWN SIGN

NOT TO SCALE

2

CONSULTANT

APPLICANT

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

SHEET



TSJ CONSULTING INC.
27128 Paseo Espada #A-1521
San Juan Capistrano, CA. 92675

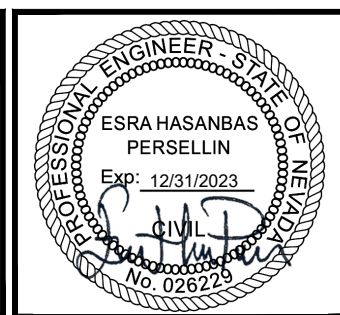


CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

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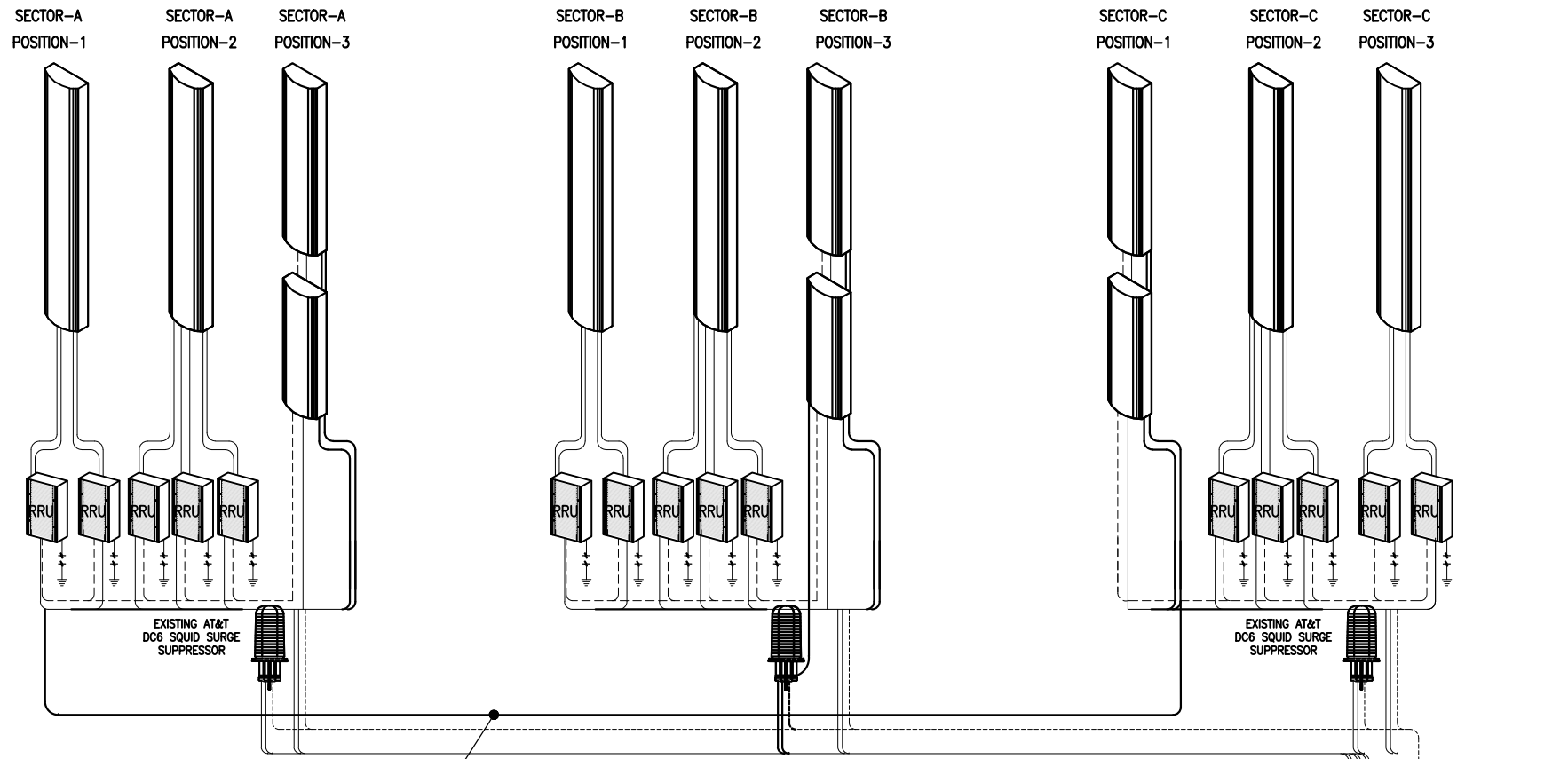


FATIMA WIRELESS

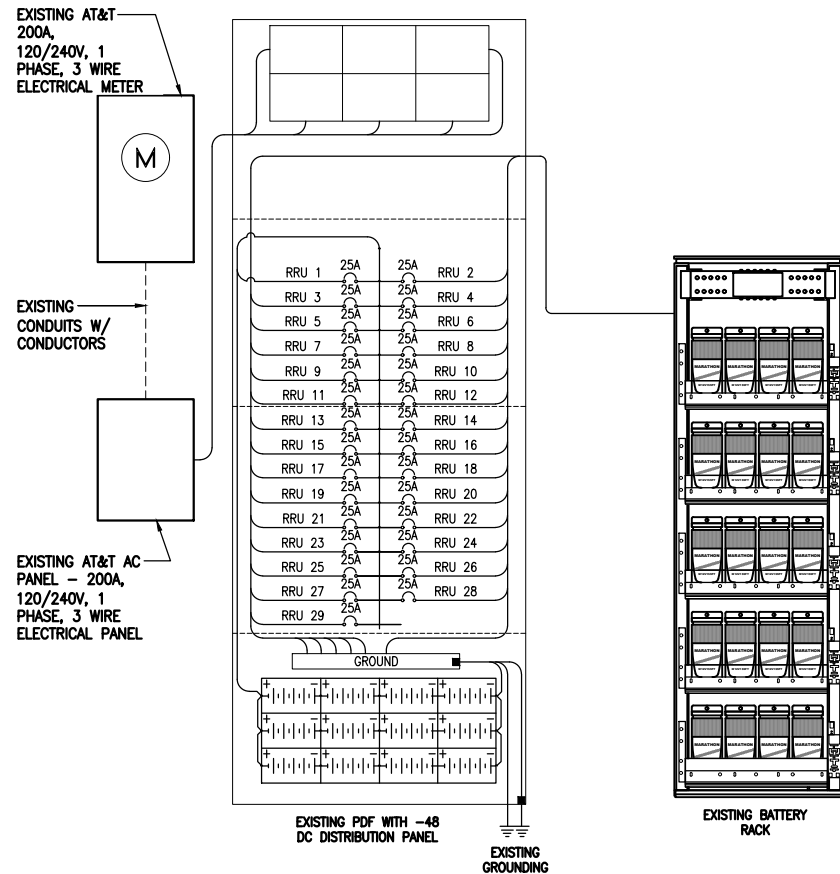
5025 E. PACIFIC COAST HIGHWAY #223
LONG BEACH, CA 90804
lbrahim.ali@fatimawireless.com
(515) 708-4748

EME SIGNAGE SHEET

S-1

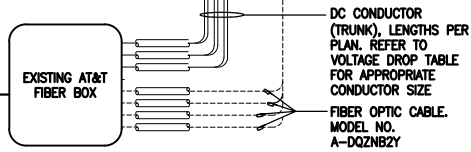


(2) #6 AWG TYPE TC-ER DC CONDUCTOR (JUMPER) 15' MAX. LENGTHS PER PLAN.



PROPOSED BB6648

PROPOSED FIF RACK



NOTES:

- DC POWER WIRING SHALL BE COLOR CODED AT EACH END FOR IDENTIFYING +24V AND -48V CONDUCTORS. RED MARKINGS SHALL IDENTIFY +24V AND BLUE MARKINGS SHALL IDENTIFY -48V. REFER TO ATT-002-290-701.
- LTE POWER WIRING SHALL BE IN ACCORDANCE WITH ATT-002-290-531.
- REFER TO PLANS FOR TABLE OF ESTIMATED CABLE LENGTHS.
- REFER TO PLANS FOR ANTENNA AND RRH CONFIGURATION.
- CONTRACTOR SHALL REFER TO MOST CURRENT RFDS PRIOR TO ORDERING MATERIALS OR STARTING CONSTRUCTION.
- CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION ONLY DURING SITEWALK. CONTRACTOR SHALL FIELD VERIFY ACTUAL LENGTHS DURING PRE-CONSTRUCTION WALK.
- "CARLON FLEX PLUS" ELECTRICAL NON-METALLIC TUBING (ENT). MINIMUM 9 1/2" BENDING RADIUS. U/L:E73317.

NOTE: DIAGRAM IS DIAGRAMMATIC, REFER TO EQUIPMENT AND ANTENNA LAYOUTS AND RFDS FOR ACTUAL DESIGN

EXISTING DC POWER PLANT: EMERSON STD -48 VDC OUTDOOR NETSURE 512 SYSTEM 525A NEO. 159717

EXISTING -48V RECTIFIERS: (8) _____
 PROPOSED NEW -48V RECTIFIERS: N/A _____
 TOTAL -48V RECTIFIERS: (8) _____

EXISTING STRINGS OF BATTERIES: (5) 180AH BATTERIES _____
 PROPOSED NEW STRINGS OF BATTERIES: N/A _____
 TOTAL STRINGS OF BATTERIES: (5) 180AH BATTERIES _____

EXISTING DC POWER TRUNKS: (7) 8AWG _____
 PROPOSED NEW DC POWER TRUNKS: (2) 6AWG _____
 TOTAL DC POWER TRUNKS: (7) 8AWG & (2) 6AWG _____

EXISTING FIBER TRUNKS: (3) FIBER TRUNKS _____
 PROPOSED NEW FIBER TRUNKS: N/A _____
 TOTAL FIBER TRUNKS: (3) FIBER TRUNKS _____

EXISTING GROUND DC SURGE PROTECTION DEVICE: (3) DC12 _____
 PROPOSED NEW GROUND DC SURGE PROTECTION DEVICE: N/A _____
 TOTAL GROUND DC SURGE PROTECTION DEVICE: (3) DC12 _____

EXISTING ANT. DC SURGE PROTECTION DEVICE: (3) DC-6 SSU _____
 PROPOSED NEW ANT. DC SURGE PROTECTION DEVICE: (1) DC-9 SSU _____
 TOTAL ANT DC SURGE PROTECTION DEVICE: (3) DC-6 SSU & (1) DC-9 SSU _____

SITE SPECIFIC DC NOTES

NOT TO SCALE 1

NOMINAL BATTERY TERMINAL VOLTAGE OF 48VDC (NEARING FULL DISCHARGE)	JUMPER CONDUCTOR LENGTH (FEET)	8 AWG (TRUNK CONDUCTOR LENGTH, FEET)															
		150.0	175.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	
12 AWG JUMPERS	30.0	45.00	44.70	44.40	44.10	43.70	43.40	43.10	42.80	42.40	42.10	41.79	41.47	41.14	40.82	40.49	
	60.0	44.00	43.70	43.40	43.10	42.70	42.40	300.0	41.76	41.43	41.11	40.78	40.46	40.13	39.81	39.48	
	90.0	43.00	42.70	42.40	42.10	41.73	41.40	300.0	40.75	40.43	40.10	39.78	39.45	39.13	38.80	38.48	
	120.0	42.00	41.69	41.37	41.04	40.72	40.39	300.0	39.74	39.42	39.09	38.77	38.44	38.12	37.79	37.47	
	150.0	41.01	40.69	40.36	40.04	39.71	39.39	300.0	38.74	38.41	38.09	37.76	37.44	37.11	36.79	36.46	

NOMINAL BATTERY TERMINAL VOLTAGE OF 48VDC (NEARING FULL DISCHARGE)	JUMPER CONDUCTOR LENGTH (FEET)	8 AWG (TRUNK CONDUCTOR LENGTH, FEET)															
		150.0	175.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	
10 AWG JUMPERS	30.0	45.40	45.10	44.80	44.50	44.10	43.80	43.50	43.20	42.80	42.50	42.20	41.85	41.52	41.20	40.88	
	60.0	44.80	44.50	44.20	43.80	43.50	43.20	42.90	42.50	42.20	41.88	41.58	41.23	40.90	40.58	40.25	
	90.0	44.20	43.90	43.50	43.20	42.90	42.60	42.20	41.90	41.58	41.25	40.93	40.60	40.23	39.95	39.63	
	120.0	43.60	43.20	42.90	42.60	42.30	41.93	41.61	41.28	40.96	40.63	40.31	39.98	39.66	39.33	39.01	
	150.0	42.90	42.60	42.30	42.00	41.63	41.31	40.98	40.66	40.33	40.01	39.68	39.36	39.03	38.71	38.38	

NOMINAL BATTERY TERMINAL VOLTAGE OF 48VDC (NEARING FULL DISCHARGE)	JUMPER CONDUCTOR LENGTH (FEET)	8 AWG (TRUNK CONDUCTOR LENGTH, FEET)															
		150.0	175.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	
8 AWG JUMPERS	30.0	45.7	45.30	45.00	44.70	44.40	44.00	43.70	43.40	43.10	42.70	42.40	42.10	41.76	41.44	41.11	
	60.0	45.30	44.90	44.60	44.30	44.00	43.60	43.30	43.00	42.70	42.30	42.00	41.70	41.37	41.05	40.72	
	90.0	44.90	44.60	44.20	43.90	43.60	43.30	42.90	42.60	42.30	42.00	41.63	41.31	40.98	40.66	40.33	
	120.0	44.50	44.20	43.80	43.50	43.20	42.90	42.50	42.20	41.89	41.57	41.24	40.92	40.59	40.27	39.94	
	150.0	44.10	43.80	43.50	43.10	42.80	42.50	42.20	41.83	41.50	41.18	40.85	40.53	40.20	39.88	39.55	

- AT&T LTE POWER CABLE VOLTAGE DROP TABLE NOTES:
- LOAD CURRENT ASSUMED 10A AT BATTERY TERMINAL REPRESENTING HIGHEST POSSIBLE VALUE.
 - 48VDC MINIMUM VOLTAGE REQUIRED AT THE RRU POWER TERMINALS.
 - ANY TABLE VALUE LESS THAN 48VDC INDICATES YOU MUST STEP UP TO THE NEXT LARGER GAUGE JUMPER/TRUNK CABLE COMBINATION.
 - TRUNK CONDUCTOR=DC CONDUCTOR B/T RAYCAP DC6-48-60-RM AND RAYCAP DC6-48-60-18-BF (THE SQUID).
 - JUMPER CONDUCTOR=DC CONDUCTOR B/T THE DC6 SURGE SUPPRESSOR AND RRU.

NOT TO SCALE 3

WIRE SIZE AND VOLTAGE TABLE

NOT TO SCALE 2

CONSULTANT

APPLICANT

SITE INFORMATION

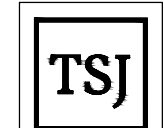
DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

SHEET



TSJ CONSULTING INC.
 27128 Paseo Espada #A-1521
 San Juan Capistrano, CA. 92675



CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
 CARSON CITY, NV 89706

REVISIONS

REV	DATE	DESCRIPTION	BY
0	12/01/22	100% CD	RC
B	09/02/22	95% CD	RC
A	08/18/22	90% CD	RC

FATIMA WIRELESS

5025 E. PACIFIC COAST HIGHWAY #223
 LONG BEACH, CA 90804
 Ibrahim.Ali@fatimawireless.com
 (515) 708-4748

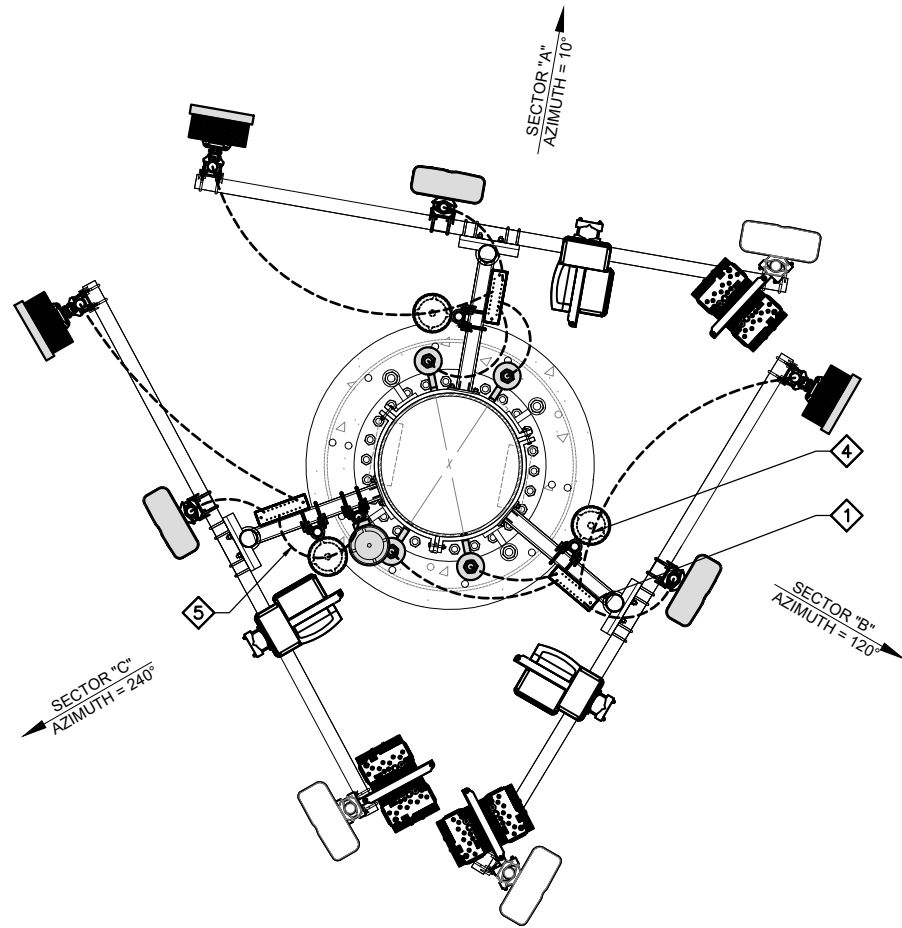
DC POWER DESIGN

E-1

KEY NOTES:

- ① (E) ANTENNA GROUND BAR TO BE VERIFIED @ FIELD
- ② AWG 2 INSULATED COPPER GROUND WIRE FROM (N) RRUS TO (E) ANTENNA GROUND BAR
- ③ AWG 6 INSULATED COPPER GROUND WIRE FROM GROUND KIT TO (E) ANTENNA GROUND BAR
- ④ AWG 6 INSULATED COPPER GROUND WIRE FROM GROUND KIT TO (N) ANTENNA GROUND BAR
- ⑤ AWG 2 INSULATED COPPER GROUND WIRE FROM (N) DC-9 TO (E) ANTENNA GROUND BAR

NOTES:
 1. REFER TO TYP. ANTENNA GROUNDING DIAGRAM
 2. (E) GROUND WIRES ARE NOT SHOWN FOR CLARITY



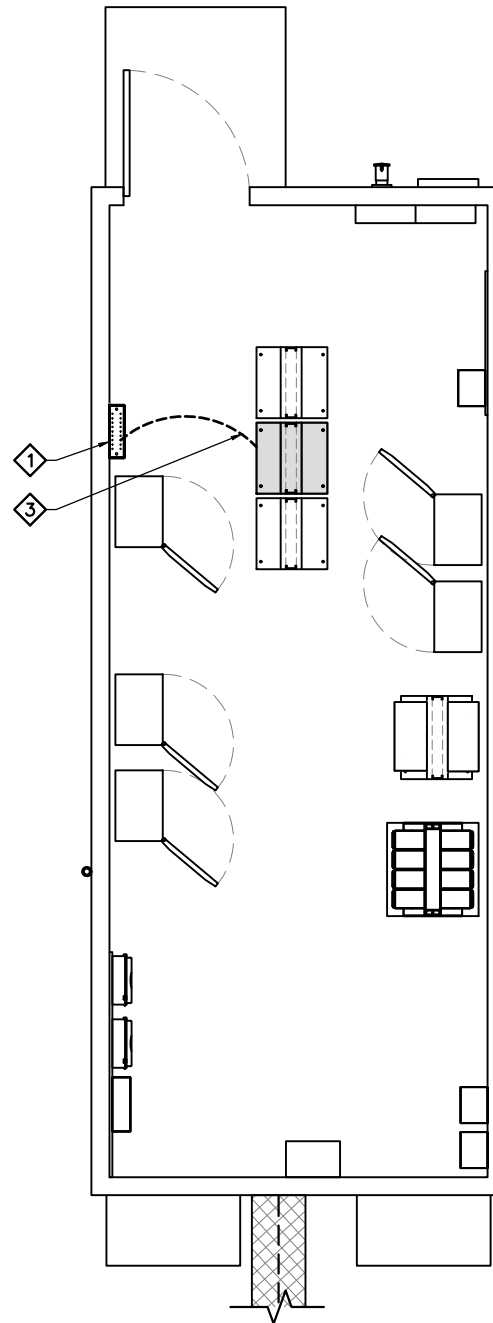
ANTENNA GROUNDING PLAN (TYP. PER SECTOR)

SCALE: 1/2"=1'-0" 1

KEY NOTES:

- ① (E) EQUIPMENT GROUND BAR TO BE VERIFIED @ FIELD
- ② AWG 2 INSULATED COPPER TO (E) EQUIPMENT GROUND BAR
- ③ AWG 2 INSULATED COPPER TO (N) EQUIPMENT GROUND BAR

NOTE:
 1. (E) GROUND WIRES ARE NOT SHOWN FOR CLARITY.



EQUIPMENT GROUNDING PLAN

SCALE: 3/8"=1'-0" 2

CONSULTANT



TSJ CONSULTING INC.
 27128 Paseo Espada #A-1521
 San Juan Capistrano, CA. 92675

APPLICANT



SITE INFORMATION

CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
 CARSON CITY, NV 89706

DESIGN RECORD

REVISIONS			
REV	DATE	DESCRIPTION	BY
0	12/01/22	100% CD	RC
B	09/02/22	95% CD	RC
A	08/18/22	90% CD	RC

PROFESSIONAL STAMP

ENGINEER

FATIMA WIRELESS

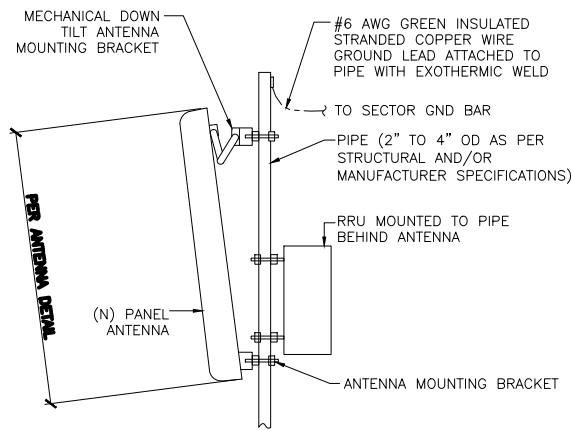
5025 E. PACIFIC COAST HIGHWAY #223
 LONG BEACH, CA 90804
 Ibrahim.ali@fatimawireless.com
 (515) 708-4748

SHEET TITLE

GROUNDING PLAN

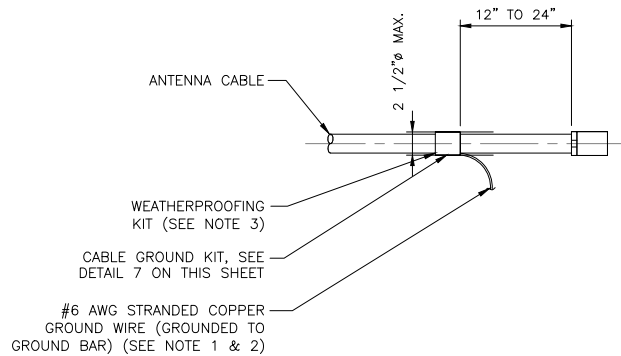
SHEET

G-1



ANTENNA PIPE MOUNT GROUNDING DETAIL

NOT TO SCALE 7

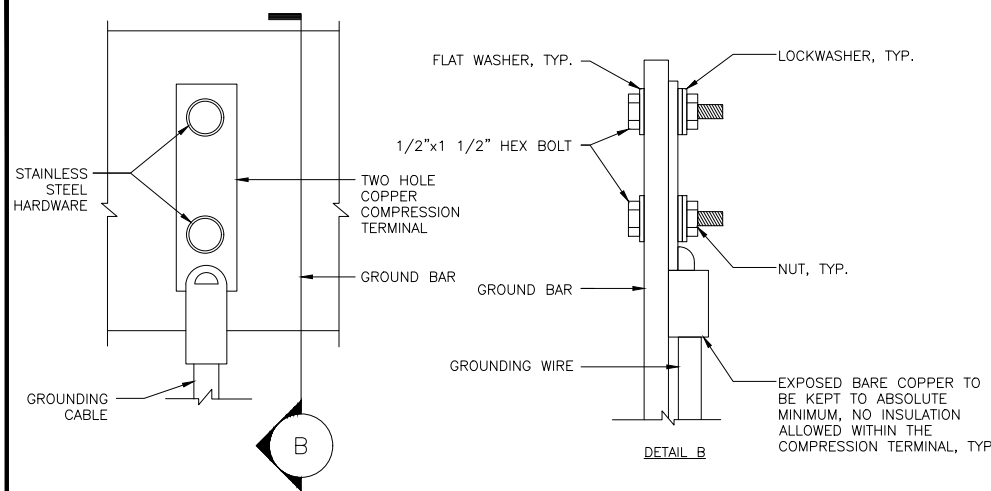


NOTES:

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR
- GROUNDING KIT SHALL BE ANDREW SUREGROUND TYPE KIT WITH TWO-HOLE LUG
- WEATHER PROOFING SHALL BE ANDREW TWO-PART TAPE SUPPLIED WITH KIT. COLD SHRINK SHALL NOT BE USED

CABLE GROUND KIT DETAIL

NOT TO SCALE 4

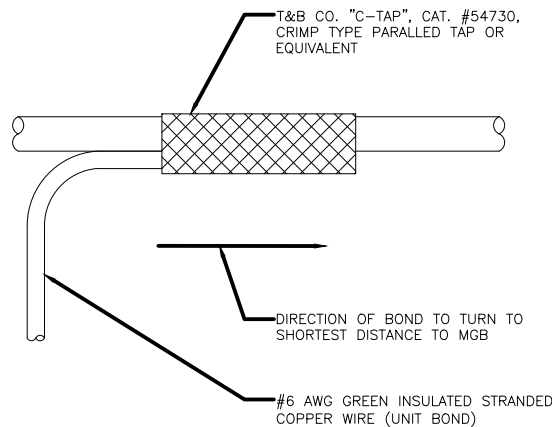


NOTES:

- "DOUBLING UP" OR "STACKING" OF CONNECTIONS IS NOT PERMITTED.
- OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS AND TO BE APPLIED PRIOR TO ADDING HARDWARE.

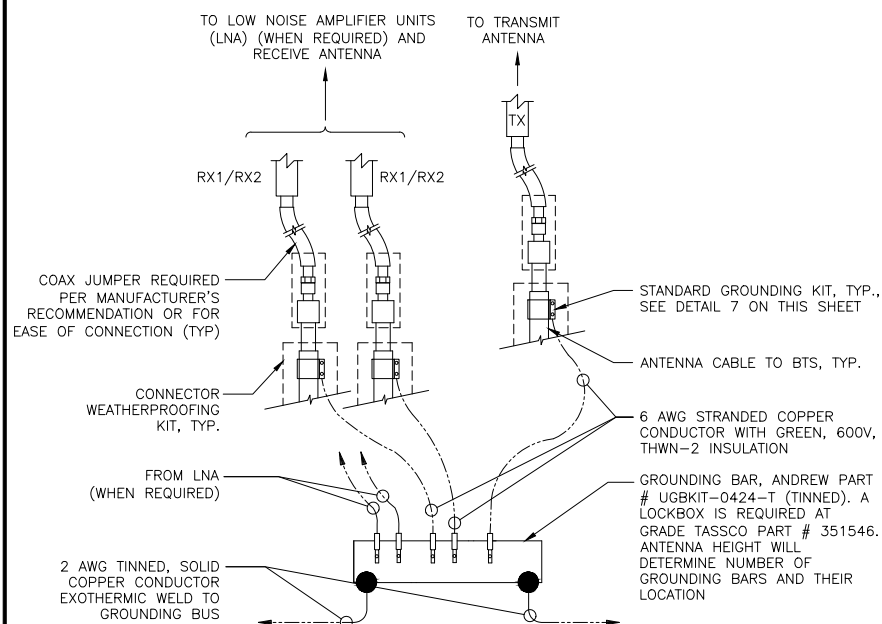
TYPICAL GROUND LUG CONNECTION DETAIL

NOT TO SCALE 1



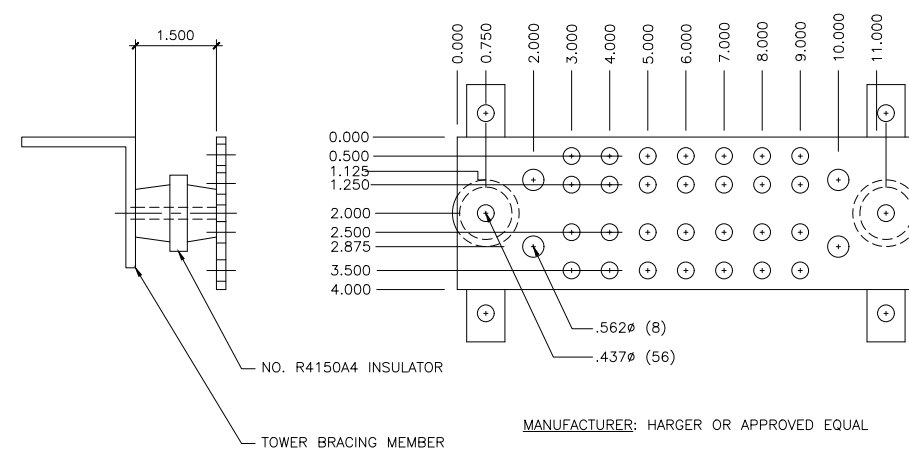
GROUNDING WIRE CONNECTION

NOT TO SCALE 8



ANTENNA GROUNDING BAR CONNECTION DETAIL

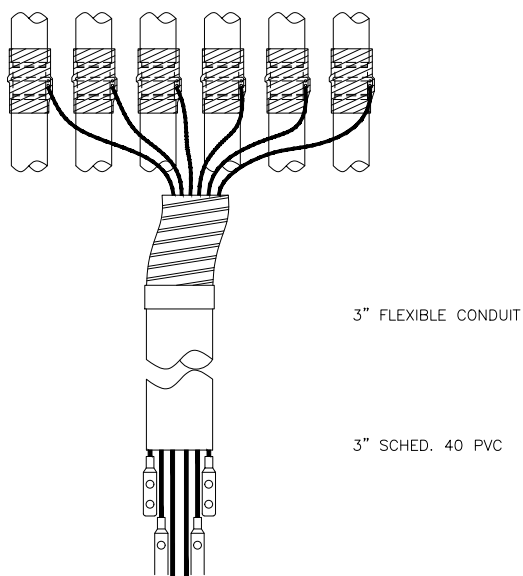
NOT TO SCALE 5



ANTENNA (12") GROUND BAR DETAIL

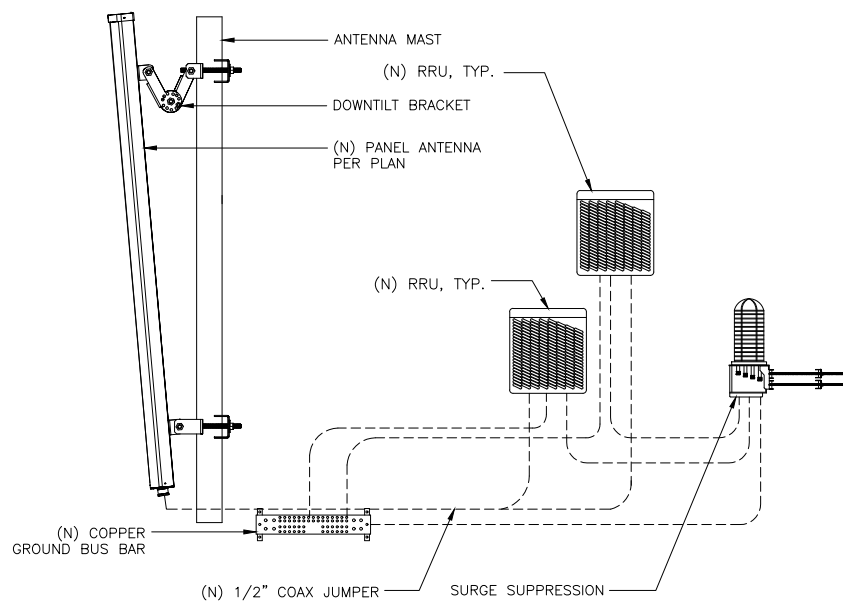
NOT TO SCALE 2

COAX GROUNDING KITS
TYPICAL (6)
MTC 976715 - 15'
MTC 976720 - 20'



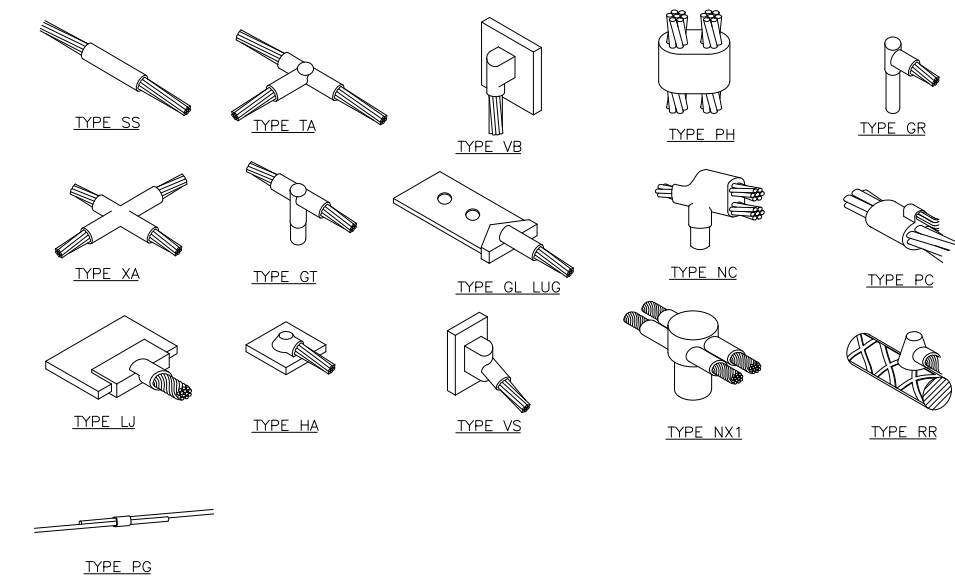
COAX GROUND KIT

NOT TO SCALE 9



RRU GROUNDING DETAIL

NOT TO SCALE 6



TYPICAL CADWELD TYPES

NOT TO SCALE 3

CONSULTANT

APPLICANT

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

SHEET



TSJ CONSULTING INC.
27128 Paseo Espada #A-1521
San Juan Capistrano, CA. 92675



CVL06276 - HOT SPRINGS

2600 COLLEGE PARKWAY #6
CARSON CITY, NV 89706

REVISIONS

REV	DATE	DESCRIPTION	BY
0	12/01/22	100% CD	RC
B	09/02/22	95% CD	RC
A	08/18/22	90% CD	RC

FATIMA WIRELESS

5025 E. PACIFIC COAST HIGHWAY #223
LONG BEACH, CA 90804
Ibrahim.ali@fatimawireless.com
(515) 708-4748

GROUNDING DETAIL

G-2

HOT SPRINGS

FA #: 10088507

CLIENT #: CVL06276

USID #: 16004



PROJECT CONTACTS:

CLIENT CONTACT:

KATHERINE MCNELLY
2595 DALLAS PARKWAY, SUITE 300
FRISCO, TX 75034
(949) 231-8304

ENGINEER CONTACT:

GPD ENGINEERING AND ARCHITECTURE
PROFESSIONAL CORPORATION
520 SOUTH MAIN STREET, SUITE 2531
AKRON, OH 44311
(330) 572-2100
FOR QUESTIONS PLEASE EMAIL:
GPDMODS@GPDGROUP.COM

QUALIFIED ENGINEERING SERVICES ARE AVAILABLE FROM GPD TO ASSIST CONTRACTORS IN CLASS IV RIGGING PLAN REVIEWS. FOR REQUESTING QUALIFIED ENGINEERING SERVICES PLEASE CONTACT GPD AT GPDMODS@GPDGROUP.COM.

SHEET INDEX:

T-01: TITLE SHEET
MI-01: MODIFICATION INSPECTION CHECKLIST
N-01: PROJECT NOTES
S-01: TOWER ELEVATION & MODIFICATION SCHEDULE
S-02: MODIFICATION DETAILS & SECTIONS
S-03: ANCHOR ROD DETAILS & NOTES

TOWER INFORMATION:

TOWER MAPPING: TRITON TOWER SITE #: CNU 6276
 TOWER HEIGHT/TYPE: 76'-0" MODIFIED MONOPOLE
 TOWER LOCATION:
 LAT.: 39° 11' 26.68"
 LONG.: -119° 44' 23.94"
 STREET ADDRESS: 2600 COLLEGE PARKWAY
 CITY, STATE ZIP: CARSON CITY, NV 89706
 COUNTY: CARSON CITY
 REFERENCED ANALYSIS: GPD/PROJ #: 2022723.09.16004.02
 ANALYSIS DATE: 11/03/22

CODE COMPLIANCE:

GOVERNING CODES: TIA-222-H & 2018 IBC W/ NORTHERN NEVADA AMENDMENTS
 WIND SPEEDS: 120 MPH 3 SECOND GUST (ULTIMATE)

 ICE THICKNESS: NA
 RISK CATEGORY: II
 EXPOSURE CATEGORY: C
 TOPO CATEGORY: 1

SEISMIC CRITERIA:
 SITE CLASS: D
 RESPONSE COEFFICIENT (R): 1.5
 1-SECOND SPECTRAL RESPONSE ACCELERATION (S₁): 0.784
 SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (S_s): 2.161



HOT SPRINGS
USID #: 16004
DESIGN DRAWINGS
PREPARED FOR:
nexus
CLIENT #: CVL06276

REV.	DATE	DESCRIPTION
0	11/03/22	INITIAL RELEASE

HOT SPRINGS
2600 COLLEGE PARKWAY
CARSON CITY, NV 89706
TITLE SHEET

ISSUED FOR:	
PERMIT	11/30/2022
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
MNS	RV
PROJECT MANAGER	APPROVED BY
CB	JNK

JOB NO.
2023723.09.16004.03

T-01

MODIFICATION INSPECTION NOTES

GENERAL

1. THE MI IS AN ON-SITE VISUAL AND HANDS-ON INSPECTION OF TOWER MODIFICATIONS INCLUDING A REVIEW OF CONSTRUCTION REPORTS AND ADDITIONAL PERTINENT DOCUMENTATION PROVIDED BY THE GENERAL CONTRACTOR (GC), AS WELL AS ANY INSPECTION DOCUMENTS PROVIDED BY 3RD PARTY INSPECTORS. THE MI IS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE MODIFICATION DRAWINGS; IN ACCORDANCE WITH APPLICABLE INDUSTRY STANDARDS; AND AS DESIGNED BY THE ENGINEER OF RECORD (EOR).
2. NO DOCUMENT, CODE OR POLICY CAN ANTICIPATE EVERY SITUATION THAT MAY ARISE. ACCORDINGLY, THIS CHECKLIST IS INTENDED TO SERVE AS A SOURCE OF GUIDING PRINCIPLES IN ESTABLISHING GUIDELINES FOR MODIFICATION INSPECTION.
3. THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, AND THE MI INSPECTOR DOES NOT TAKE OWNERSHIP OF THE MODIFICATION DESIGN. THE MI INSPECTOR SHALL INSPECT AND NOTE CONFORMANCE/NONCONFORMANCE AND PROVIDE TO THE TOWER/STRUCTURE OWNER AND EOR FOR EVALUATION.
4. TO ENSURE THAT THE REQUIREMENTS OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY. CONTACT LISTED ON THE TITLE SHEET SHALL BE CONTACTED IF SPECIFIC INSPECTOR CONTACT INFORMATION IS NOT KNOWN.

FAILING INSPECTION CORRECTIONS

1. IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH MI INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:
 - CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL MODIFICATION DRAWINGS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION.
 - OR, WITH TOWER OWNER'S APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO RE-ANALYZE THE MODIFICATION/REINFORCEMENT USING THE AS-BUILT CONDITION.

SERVICE LEVEL COMMITMENT

1. THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:
 - THE GC SHALL PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI TO BE CONDUCTED.
 - THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
 - WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
 - WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY MINOR DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.
 - IT MAY BE BENEFICIAL TO INSTALL ALL TOWER MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTIONS TO ALLOW THE FOUNDATION AND MODIFICATION INSPECTION(S) TO COMMENCE WITH ONE SITE VISIT.

REQUIRED PHOTOS

1. BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:
 - PRE-CONSTRUCTION GENERAL SITE CONDITION
 - PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
 - RAW MATERIALS
 - PHOTOS OF ALL CRITICAL DETAILS
 - FOUNDATION MODIFICATIONS
 - WELD PREPARATION
 - BOLT INSTALLATION
 - FINAL INSTALLED CONDITION
 - SURFACE COATING REPAIR
 - POST CONSTRUCTION PHOTOGRAPHS
 - FINAL INFIELD CONDITION
 - ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DETAILS OF THE MODIFICATIONS.
2. PHOTOS OF ELEVATED MODIFICATIONS TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

MODIFICATION INSPECTION CHECKLIST

REQUIRED	REPORT ITEM	BRIEF DESCRIPTION
PRE-CONSTRUCTION		
X	MI CHECKLIST DRAWING	THIS CHECKLIST SERVES AS A GUIDELINE FOR THE REQUIRED CONSTRUCTION DOCUMENTS AND INSPECTIONS FOR THIS MODIFICATION
X	EOR APPROVED SHOP DRAWINGS	PRIOR TO FABRICATION, THE CONTRACTOR SHALL PROVIDE DETAILED ASSEMBLY DRAWINGS AND/OR SHOP DRAWINGS TO THE EOR FOR APPROVAL.
X	FABRICATION INSPECTION	A LETTER FROM THE FABRICATOR STATING THAT ALL FABRICATION (I.E. DRILLING, CUTTING, WELDING, SHEARING, MILLING, GALVANIZING, ETC) HAS BEEN DONE ACCORDING TO INDUSTRY STANDARDS AND ALL APPLICABLE ANSI/ASTM STANDARDS.
X	FABRICATOR CERTIFIED WELD INSPECTION	A CWI SHALL INSPECT ALL FABRICATION WELDS IN ACCORDANCE WITH AWS D1.1 AND A REPORT DETAILING THE RESULTS SHALL BE PROVIDED TO THE MI INSPECTOR FOR INCLUSION IN THE MI REPORT.
X	MATERIAL TEST REPORTS (MTR)	MATERIAL TEST REPORTS SHALL BE PROVIDED FOR ALL MATERIAL USED. MTR'S SHALL BE PROVIDED TO THE MI INSPECTOR FOR INCLUSION IN THE MI REPORT.
NA	FABRICATOR NDE INSPECTION REPORT	CRITICAL SHOP WELDS THAT REQUIRE ADDITIONAL TESTING ARE NOTED WITHIN THE MODIFICATION DRAWINGS. A CERTIFIED NDT INSPECTOR SHALL PERFORM NON-DESTRUCTIVE EXAMINATION ON ALL PJP, CJP, AND FILLET WELDS >5/16" IN ACCORDANCE WITH AWS D1.1 AND A REPORT DETAILING THE RESULTS SHALL BE PROVIDED TO THE MI INSPECTOR FOR INCLUSION IN THE MI REPORT.
X	NDE OF MONOPOLE BASE PLATE	A NDE OF THE POLE TO BASE PLATE CONNECTION IS REQUIRED AND A WRITTEN REPORT SHALL BE PROVIDED TO THE MI INSPECTOR FOR INCLUSION IN THE MI REPORT.
X	PACKING SLIPS	PACKING/SHIPPING LIST FOR ALL MATERIAL USED DURING CONSTRUCTION OF THE MODIFICATION SHALL BE PROVIDED.
DURING CONSTRUCTION		
NA	PRE-POUR REBAR INSPECTIONS	A 3 RD PARTY VISUAL OBSERVATION OF THE EXCAVATION AND REBAR SHALL BE PERFORMED BEFORE PLACING THE CONCRETE. A WRITTEN REPORT SHALL BE PROVIDED TO THE MI INSPECTOR FOR INCLUSION IN THE MI REPORT.
NA	POST-INSTALLED REBAR AND/OR DOWEL INSPECTIONS	PHOTOGRAPHIC DOCUMENTATION OF DRILL HOLE SIZES AND DEPTHS SHALL BE RECORDED BEFORE SETTING THE POST INSTALLED REBAR AND DOWELS WITH EPOXY/GROUT.
NA	CONCRETE COMP. STRENGTH & SLUMP TEST	THE CONCRETE MIX DESIGN, SLUMP TEST, AND COMPRESSIVE STRENGTH TESTS SHALL BE PROVIDED AS PART OF THE MI REPORT.
NA	EARTHWORK: LIFT & DENSITY REPORT	REPORT DETAILING SOIL COMPACTION TEST RESULTS TO BE INCLUDED IN THE MI REPORT.
NA	MICROPILE/ROCK ANCHOR	MICROPILES AND ROCK ANCHORS SHALL BE INSPECTED BY A 3 RD PARTY. INSPECTION SHALL VERIFY ANCHOR SIZE, STEEL GRADE, AND HOLE DEPTHS. PHOTOGRAPHIC DOCUMENTATION OF ALL MEASUREMENTS ALONG WITH THE PULL TEST RESULTS SHALL BE INCLUDED IN THE MI REPORT.
NA	HELICAL ANCHOR	HELICAL INSTALLER SHALL SUBMIT FINAL SEALED HELICALS DESIGN, TORQUE LOGS, AND FINAL LOAD TEST RESULTS TO BE INCLUDED IN THE MODIFICATION INSPECTION REPORT.
X	POST-INSTALLED ANCHOR ROD VERIFICATION	POST INSTALLED ANCHOR ROD VERIFICATION SHALL BE PERFORMED AND SHALL INCLUDE PHOTO VERIFICATION OF HOLE DEPTH, HOLE CLEANOUT AND ROUGHENING, AND EPOXY LABELING. REPORT SHALL BE PROVIDED TO THE MI INSPECTOR FOR INCLUSION IN THE MI REPORT.
X	3 RD PARTY FIELD CERTIFIED WELD INSPECTION	A CWI SHALL CONDUCT A VISUAL INSPECTION OF ALL FIELD WELDS IN ACCORDANCE WITH AWS D1.1. CRITICAL WELDS THAT REQUIRE ADDITIONAL TESTING ARE NOTED IN THE MODIFICATION DRAWINGS.
X	ON-SITE COLD GALVANIZING VERIFICATION	THE GENERAL CONTRACTOR SHALL PROVIDE WRITTEN AND PHOTOGRAPHIC DOCUMENTATION TO THE MI INSPECTOR VERIFYING THAT ANY ON-SITE COLD GALVANIZING WAS APPLIED PER MANUFACTURER SPECIFICATIONS.
NA	TENSION TWIST & PLUMB DELIVERABLES	THE GENERAL CONTRACTOR SHALL PROVIDE WRITTEN AND PHOTOGRAPHIC DOCUMENTATION TO THE MI INSPECTOR VERIFYING THE TOWER TWIST AND PLUMB CONDITION AS WELL AS THE WIRE TENSIONS (AS REQUIRED). REPORT SHALL INCLUDE PRE-TENSION, PLUMB & TWIST RESULTS, POST-TENSION REPORT, POST PLUMB AND TWIST REPORT, AND PHOTOS OF THE TENSION GAUGES FOR ALL GUY WIRES.
X	GC AS-BUILT DRAWINGS	THE GENERAL CONTRACTOR SHALL SUBMIT A LEGIBLE COPY OF THE ORIGINAL DESIGN DRAWINGS EITHER STATING "INSTALLED AS DESIGNED" OR NOTING ANY CHANGES THAT WERE REQUIRED AND APPROVED BY THE ENGINEER OF RECORD. EOR/RFI FORMS APPROVING ALL CHANGES SHALL BE SUBMITTED.
NA	BOLT PRE-TENSION VERIFICATION	TURN-OF-THE NUT METHOD IS THE DEFAULT METHOD FOR PRE-TENSIONING BOLTS. MATCH-MARKINGS SHALL BE PRESENT ON EACH FASTENER FOR INSPECTION PURPOSES AND SHALL BE APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RCSC SPECIFICATION. ALTERNATIVE PRE-TENSIONING METHODS ARE NOT ALLOWED WITHOUT PRIOR EOR CONSENT.
POST-CONSTRUCTION		
X	CONSTRUCTION COMPLIANCE LETTER	A LETTER FROM THE GENERAL CONTRACTOR STATING THAT THE WORKMANSHIP WAS PERFORMED IN ACCORDANCE WITH INDUSTRY STANDARDS AND THESE MODIFICATION DRAWINGS, INCLUDING LISTING ADDITIONAL PARTIES TO THE MODIFICATION PROCESS.
X	POST-INSTALLED ANCHOR ROD PULL TESTS	POST-INSTALLED ANCHOR RODS SHALL BE TESTED BY A PULL TEST INSPECTOR AND A REPORT SHALL BE PROVIDED INDICATING TESTING RESULTS.
X	PHOTOGRAPHS	PHOTOGRAPHS SHALL BE SUBMITTED TO THE MI INSPECTOR. PHOTOS SHALL DOCUMENT ALL PHASES OF THE CONSTRUCTION. THE PHOTOS SHALL BE ORGANIZED IN A MANNER THAT EASILY IDENTIFIES THE EXACT LOCATION OF THE PHOTO.
NA	FOUNDATION SEALER	PHOTOGRAPHIC DOCUMENTATION OF THE FOUNDATION SEALING SHALL BE INCLUDED IN THE MI REPORT.
NA	BOLT HOLE INSTALLATION VERIFICATION REPORT	THE MI INSPECTOR SHALL VERIFY THE INSTALLATION AND TIGHTNESS OF 10% OF ALL NON PRE-TENSIONED BOLTS INSTALLED AS PART OF THE MODIFICATION. THE MI INSPECTOR SHALL LOOSEN THE NUT AND VERIFY THE BOLT HOLE SIZE AND CONDITION. THE MI REPORT SHALL CONTAIN THE COMPLETED BOLT INSTALLATION VERIFICATION REPORT, INCLUDING THE SUPPORTING PHOTOGRAPHS.
X	MI INSPECTOR REDLINE OR RECORD DRAWING(S)	THE MI INSPECTOR SHALL OBSERVE AND REPORT ANY DISCREPANCIES BETWEEN THE CONTRACTOR'S REDLINE DRAWING AND THE ACTUAL COMPLETED INSTALLATION.

*THE MI CHECKLIST SHALL BE REVIEWED PRIOR TO THE START OF CONSTRUCTION. ALL PARTIES TO THE MODIFICATION SHALL UNDERSTAND ALL REQUIREMENTS AND INSPECTION/DOCUMENTATION THAT IS APPLICABLE TO THE SCOPE OF WORK THEY ARE PERFORMING. ERRORS ON THE MI CHECKLIST SHALL BE BROUGHT TO THE ATTENTION OF THE TOWER/STRUCTURE OWNER AND EOR AS SOON AS POSSIBLE.



520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2102

HOT SPRINGS
USID #: 16004

DESIGN DRAWINGS
PREPARED FOR:

CLIENT #: CVL06276

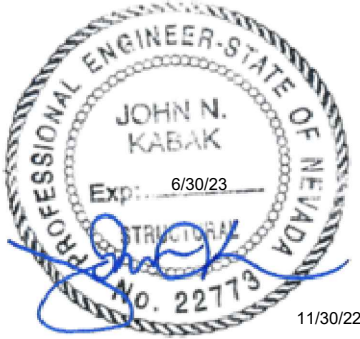
REV.	DATE	DESCRIPTION
0	11/30/22	INITIAL RELEASE

HOT SPRINGS
 2600 COLLEGE PARKWAY
 CARSON CITY, NV 89706
MODIFICATION INSPECTION CHECKLIST

ISSUED FOR:	
PERMIT	11/30/2022
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
MNS	RV
PROJECT MANAGER	APPROVED BY
CB	JNK

JOB NO.
2023723.09.16004.03



11/30/22

MI-01

GENERAL NOTES

- THIS DESIGN IS IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222, AWS, ANSI TIA-322, AND AISC. MATERIALS, FABRICATION, INSTALLATION, AND ALL OTHER SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES AND THE CONTRACT SPECIFICATIONS.
- THIS DESIGN ASSUMES THE TOWER AND FOUNDATIONS HAVE BEEN WELL MAINTAINED, ARE IN GOOD CONDITION, AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBERS, LOOSE BOLTS, CRACKED WELDS AND OTHER MEMBER DEFECTS HAVE NOT BEEN CONSIDERED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED TO BE LEVEL. THIS DESIGN IS BEING PROVIDED WITHOUT THE BENEFIT OF A CONDITION ASSESSMENT BY GPD.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING; ANY PROBLEMS WITH ACCESS, INTERFERENCE, ETC. SHALL BE RESOLVED PRIOR TO MOBILIZATION. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND NOTE ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS OR THAT INTERFERE WITH THE CONTINUOUS INSTALLATION OF THE MODIFICATIONS. CONTRACTOR SHALL NOTE ALL ATTACHMENT POINTS, ANTENNAS, MOUNTS, COAX, LIGHTING, CLIMBING SUPPORTS, STEP BOLTS, PORT HOLES, AND ANY OTHER APPURTENANCES IN THE REGION OF THE MODIFICATIONS. GPD SHALL BE CONTACTED IMMEDIATELY TO EVALUATE THE SIGNIFICANCE OF ANY DEVIATION PRIOR TO ORDERING MATERIAL.
- ALL MATERIAL SPECIFIED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZES AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR DETERMINING IF SUBSTITUTE IS SUITABLE FOR USE AND MEETS THE ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR ENGAGING A MODIFICATION INSPECTOR AT THE TIME OF AWARD TO COORDINATE AN INSPECTION SCHEDULE AND ENSURE PROPER DOCUMENTATION IS RETAINED THROUGHOUT THE PROJECT. REFER TO SHEET MI-01 FOR MODIFICATION INSPECTION CHECKLIST.
- SPECIAL INSPECTIONS: UNLESS OTHERWISE SPECIFIED WITHIN THE PLANS OR REQUIRED BY THE BUILDING OFFICIAL, SPECIAL INSPECTIONS AND TESTS ARE NOT REQUIRED FOR GROUP U OCCUPANCIES, BUT NOT LIMITED TO THOSE LISTED IN SECTION 312.1 (IBC SECTION 1704.2, EXCEPTION 2). CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IF ANY SPECIAL INSPECTIONS ARE REQUIRED BY THE JURISDICTION HAVING AUTHORITY. IF REQUIRED BY THE JURISDICTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND SCHEDULING OF THE SPECIAL INSPECTIONS WITH THE ENGINEER OF RECORD. IN THOSE CASES, SPECIAL INSPECTIONS MUST BE COMPLETED PRIOR TO FINAL INSPECTION APPROVAL.
- INSTALLATION OF THE PROPOSED LOADING IS BY OTHERS AND IS BEYOND THE SCOPE OF THESE DRAWINGS.
- ALL CONTRACTORS AND LOWER TIER CONTRACTORS MUST ACKNOWLEDGE IN WRITING TO TOWER OWNER AND GPD THAT THEY HAVE OBTAINED, UNDERSTAND, AND WILL FOLLOW TOWER OWNER STANDARDS OF PRACTICE, CONSTRUCTION GUIDELINES, ALL SITE AND TOWER SAFETY PROCEDURES, ALL PRODUCT LIMITATIONS AND INSTALLATION PROCEDURES USED ON SITE, AND PROPOSED MODIFICATIONS DESCRIBED. RECEIPT OF ACKNOWLEDGMENT MUST OCCUR PRIOR TO BEGINNING CONSTRUCTION OR CLIMBING. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE THIS DOCUMENTATION FOR TOWER OWNER AND GPD ON COMPANY LETTERHEAD AND THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN THIS DOCUMENTATION FROM LOWER TIER SUBCONTRACTORS (ON SUBCONTRACTOR LETTERHEAD) AND DELIVER IT TO TOWER OWNER AND GPD.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE. THIS INCLUDES PROVIDING THE NECESSARY CERTIFICATIONS TO THE TOWER OWNER AND ENGINEER.
- THESE DRAWINGS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE SAFETY OF THEIR WORK FORCE, THE WORK AREA, ADJACENT AREA, AND ANY PROPERTY OCCUPANTS WHO MAY BE AFFECTED BY THE WORK UNDER CONTRACT. THE CONTRACTOR SHALL REVIEW AND ABIDE BY ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, AND LOCAL SAFETY GUIDELINES. ALL TOWER WORKERS SHALL UTILIZE APPROPRIATE FALL PROTECTION AND SAFETY EQUIPMENT THAT IS UP-TO-DATE AND INSPECTED PER OSHA AND INDUSTRY GUIDELINES. ALL WORKERS SHALL BE TRAINED AND MONITORED TO ENSURE SAFE WORKING PRACTICES ARE MAINTAINED.
- CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING ALL COAX, T-BRACKETS, ANTENNA MOUNTS, AND ANY OTHER APPURTENANCE THAT MAY INTERFERE WITH THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACED AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATIONS TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOMIZATIONS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE ENGINEER PRIOR TO REMOVING SUCH ATTACHMENTS. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE TOWER OWNER IN WRITING.
- CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY OR LEASE AREA AND APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS WITHIN THESE BOUNDARIES. CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE LAND OWNER PRIOR TO MOBILIZATION. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE STRUCTURAL INTEGRITY OF THIS DESIGN EXTENDS TO THE COMPLETE CONDITION ONLY. THE CONTRACTOR MUST BE COGNIZANT THAT THE REMOVAL OF ANY STRUCTURAL COMPONENT HAS THE POTENTIAL TO CAUSE THE PARTIAL OR COMPLETE COLLAPSE OF THE STRUCTURE. ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO ENSURE THE STRUCTURAL INTEGRITY, INCLUDING, BUT NOT LIMITED TO, ENGINEERING ASSESSMENT OF CONSTRUCTION STRESSES WITH INSTALLATION MAXIMUM WIND SPEED AND/OR TEMPORARY BRACING AND SHORING.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 10-MPH). CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY LOCAL TOWER SHORING, TEMPORARY GLOBAL TOWER SHORING, AND ALL SHORING OF SURROUNDING BUILDINGS, PADS, AND OTHER OUTDOOR SITE OBSTRUCTIONS. ALL SHORING TEMPORARY BRACING, AND TEMPORARY SUPPORTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- MODIFICATIONS SHOWN SHALL BE INSTALLED ON ALL THREE (3) TOWER LEGS/FACES UNLESS NOTED OTHERWISE.
- FAA/FCC FILING AND LIGHTING MAY BE REQUIRED. ALL GOVERNMENTAL REGULATORY DETERMINATIONS AND FILINGS BY OTHERS, NOT GPD.
- VERIFY IF THIS STRUCTURE IS AN FM TOWER AND TAKE NECESSARY ACTIONS TO PROVIDE SAFE WORKING CONDITIONS INCLUDING, BUT NOT LIMITED TO, HAVING FM SIGNAL TURNED OFF. CONTRACTOR SHALL HAVE PROPER RADMAN FOR NOTIFICATION OF EXCESSIVE RF EXPOSURE FOR ALL INDIVIDUALS WORKING ON SITE IF FM ANTENNAS ARE PRESENT.
- ALL MANUFACTURERS HARDWARE AND ASSEMBLY INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. DEVIATION FROM THE INSTRUCTIONS IS UNACCEPTABLE AND REQUIRES WRITTEN APPROVAL FROM ENGINEER.
- DO NOT SCALE DRAWINGS.
- THE CLIMBING FACILITIES, SAFETY CLIMB AND ALL ASSOCIATED HARDWARE SHALL NOT BE IMPEDED OR MODIFIED WITHOUT THE WRITTEN CONSENT OF GPD.
- ANY WORK PERFORMED WITHOUT A PREFABRICATION MAPPING IS DONE AT THE RISK OF THE GC AND/OR FABRICATOR.
- IMPROPER FIT-UP OF NEW BOLTED HARDWARE DUE TO OVERSIZED, DOUBLE-PUNCHED, OR SLOTTED HOLES FOUND ON THE EXISTING STRUCTURE SHALL BE REPORTED TO GPD AND THE TOWER OWNER IMMEDIATELY. INSTALLATION OF SUCH HARDWARE WILL NOT BE ACCEPTABLE AND ALL COSTS ASSOCIATED WITH REMEDYING THE INSTALLATION WILL BE THE RESPONSIBILITY OF THE GC.

STRUCTURAL STEEL NOTES

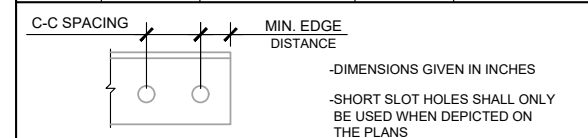
- ALL NEW STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED MAGNI 565 COATING (OR ENGINEER APPROVED EQUIVALENT) SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- ALL EXPOSED STRUCTURAL STEEL AS THE RESULT OF THIS SCOPE OF WORK INCLUDING, BUT NOT LIMITED TO, DAMAGED MEMBERS, FIELD WELDS, FIELD CUT MEMBERS, FIELD DRILLED HOLES, AND SHAFT INTERIORS (WHERE APPLICABLE), SHALL BE SOLVENT CLEANED AND HAVE TWO (2) COATS OF BRUSHED ON ZRC ZINC RICH COLD GALVANIZING PAINT APPLIED AND SHALL BE PAINTED TO MATCH THE TOWER FINISH (WHERE APPLICABLE). PHOTO DOCUMENTATION IS REQUIRED TO BE SUBMITTED TO THE MODIFICATION INSPECTOR.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE LISTED REQUIREMENTS U.N.O. IN THESE DRAWINGS:
 - MONOPOLES:**
 - STRUCTURAL SHAPES AND PLATE: ASTM A572 GRADE 65 (Fy=65 KSI)
 - WELDING ELECTRODES, SMAW: E80XX
 - WELDING ELECTRODES, FCAW: E8XT-XX
 - SELF-SUPPORT AND GUYED TOWERS**
 - STRUCTURAL SHAPES AND PLATE: ASTM A572 GRADE 50 (Fy=50 KSI)
 - GUY WIRES: ASTM A475 GRADE EHS
 - BRIDGE STRAND: ASTM A586 GRADE 1
 - WELDING ELECTRODES, SMAW: E70XX
 - WELDING ELECTRODES, FCAW: E7XT-XX
 - ALL TOWER TYPES:**
 - STEEL ANGLE (BRACING): ASTM A36 (Fy=36 KSI)
 - STEEL ANGLE (LEGS): ASTM A572 GRADE 50 (Fy=50 KSI)
 - SOLID ROUND: ASTM A36 (Fy=36 KSI)
 - PIPE (ROUND): ASTM A53 GRADE B (Fy=35 KSI)
 - HSS TUBE (ROUND): ASTM A500 GRADE C (Fy=46 KSI)
 - HSS TUBE (SQUARE): ASTM A500 GRADE C (Fy=50 KSI)
 - ANCHOR RODS: ASTM A193 GRADE B7
 - BOLTS: ASTM A325 TYPE 1
 - U-BOLTS: ASTM A307 GRADE A
 - NUTS: ASTM A563 GRADE DH
 - NUTS (ANCHOR RODS): ASTM A194 GRADE 2H
 - WASHERS (AS REQUIRED): ASTM F436 TYPE 1
 - LOCKING DEVICES: PAL-NUT OR SPLIT WASHER
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222 REQUIREMENTS, U.N.O..
- ALL BOLTS, INCLUDING U-BOLTS, SHALL BE TIGHTENED IN ACCORDANCE WITH AISC "SNUG TIGHT" REQUIREMENTS, U.N.O..
- ALL U-BOLTS SPECIFIED SHALL MEET THE REQUIREMENTS OF ASME B18.31.5-2011 BENT BOLTS.
- ALL NEW BOLT ASSEMBLIES SHALL BE OF SUFFICIENT LENGTH TO ENSURE THE END OF THE BOLT IS FLUSH WITH, OR PROTRUDES BEYOND, THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETE.
- STRUCTURAL STEEL SHOP DRAWINGS SHALL BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
- UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORK LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
- WELDING OF ANY KIND IS NOT PERMITTED ON SITE UNLESS SPECIFIED WITHIN THESE DRAWINGS. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING OR OPEN FLAME IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.

WELD NOTES

- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL PERFORM A NONDESTRUCTIVE TEST ON THE EXISTING BASE PERIMETER WELD TO INSURE ITS STRUCTURAL INTEGRITY IN ACCORDANCE WITH AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE-STEEL". IF ANY FLAWS ARE DISCOVERED, THE PROJECT SHALL BE PUT ON HOLD UNTIL REMEDIES TO CORRECT THE DEFICIENCIES ARE DESIGNED AND INSTALLED. THE TOWER OWNER AND THE ENGINEER SHALL BE CONTACTED IMMEDIATELY UPON A FAILING NONDESTRUCTIVE TESTING RESULT.
- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE-STEEL".
- CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE MODIFICATION INSPECTOR UPON COMPLETION OF THE PROJECT.
- WELDING CERTIFICATES MUST BE PROVIDED TO CWI AND GPD PRIOR TO WELDING CONTRACTOR BEGINNING WORK ON SITE. CERTIFICATE WILL BE ASKED FOR AS PART OF INSPECTION PROCESS. ALL WELDING SHOULD BE PERFORMED BY AN AWS QUALIFIED WELDER WHO HAS EXPERIENCE WITH GALVANIZED SURFACES AND IN ACCORDANCE WITH ANS/AWS D1.1 AND ANS/Z 49.1 OR LATEST EDITIONS.
- INSTALL 3000° (NFPA 701) FIRE BLANKET AROUND ALL COAX AT AND BELOW EACH WELDING PROCEDURE AND ELEVATION. COAX IS FLAMMABLE AND CAN CATCH FIRE IF PROPER PRECAUTIONS ARE NOT MADE TO SHIELD COAX FROM ALL WELDING PROCEDURES. IN ADDITION, COAX SHALL BE PUSHED AWAY FROM TOWER FACE WHERE WELDING IS BEING PERFORMED.
- CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING ON A GALVANIZED SURFACE. ADDITIONAL SPLATTER AND SPARKS SHALL BE ANTICIPATED GIVEN THE PREVIOUSLY GALV. SURFACE. IF THE WELD MATERIAL IS CONTAMINATED WITH ZINC IT DOES NOT PROVIDE A STRUCTURAL WELD. FUMES CREATED FROM WELDING ON A PREVIOUSLY GALV. SURFACE CAN BE HAZARDOUS. PRIOR TO WELDING, ALL SURFACES SHALL BE PROPERLY GROUND TO REMOVE GALVANIZING, SCALE, SLAG, RUST OR ANY OTHER MATERIAL TO PREVENT PROPER WELDING.
- ALL FIELD WELDS SHALL BE TOUCHED UP WITH TWO COATS OF COLD GALVANIZING PAINT (ZRC OR APPROVED EQUIVALENT), INCLUDING THE INTERIOR OF MONOPOLE SHAFTS, WHERE ACCESS PERMITS. IN ANY AREAS AFFECTED BY ANY WELDING, PHOTO DOCUMENTATION IS REQUIRED TO BE SUBMITTED TO THE MODIFICATION INSPECTOR.
- WATER SHALL BE ON SITE, OF ADEQUATE AMOUNT, AND AVAILABLE AT SHORT NOTICE AT ALL TIMES DURING WELDING ACTIVITY. A MINIMUM OF 500 GAL. OF WATER SHALL BE PROVIDED. WATER SHALL BE CAPABLE OF REACHING HEIGHT WHERE WELDING IS BEING PERFORMED. IN ADDITION, A MINIMUM OF SIX (6) 10 LB. CLASS ABC MULTIPURPOSE FIRE EXTINGUISHERS FULLY CHARGED AND CAPABLE OF DISCHARGE WITHIN 30 SECONDS OF DETECTING A FIRE SHALL BE PROVIDED. FIRE EXTINGUISHERS SHALL BE STRATEGICALLY LOCATED AROUND COMPOUND AND IN THE AIR (I.E. ON THE MAN LIFT WHERE WELDING IS BEING PERFORMED).
- CLEAN OUT ALL DEBRIS THROUGHOUT TOWER AND STRUCTURE BASE PRIOR TO WELDING.
- THE CONTRACTOR SHALL TAKE COOLING EFFECTS OF THE WELDED MATERIAL INTO CONSIDERATION (I.E. EXPANSION OF HOT MATERIAL AND CONTRACTION OF COOLED MATERIAL).

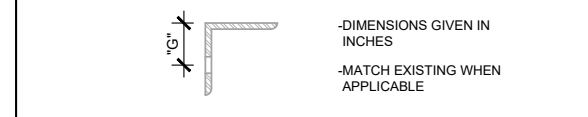
BOLT SCHEDULE

BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	C-C SPACING
1/2	9/16	9/16x11/16	7/8	1-1/2
5/8	11/16	11/16x7/8	1-1/8	1-7/8
3/4	13/16	13/16x1	1-1/4	2-1/4
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8
1	1-1/8	1-1/8x1-5/16	1-3/4	3

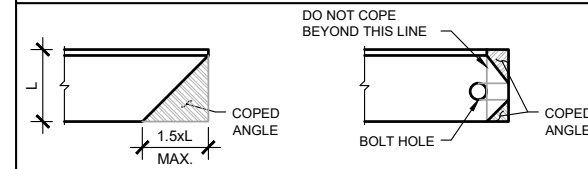


WORKABLE GAGES

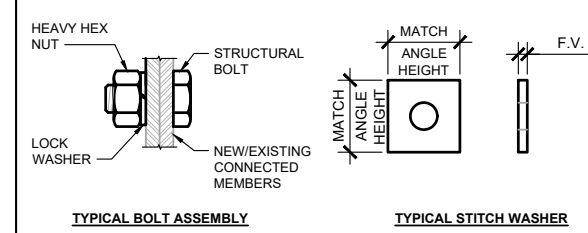
LEG	6	5	4	3-1/2	3	2-1/2	2	1-3/4
G	3-1/2	3	2-1/2	2	1-3/4	1-3/8	1-1/8	1



ALLOWABLE ANGLE COPE



BOLTING DETAILS



- ALL DIMENSIONS REPRESENTED IN THESE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- AS AN ALTERNATIVE TO USING A LOCK WASHER PAL-NUTS CAN BE INSTALLED ABOVE THE HEX NUT. ALL BOLTS MUST HAVE LOCKING DEVICES INSTALLED AS PART OF THE ASSEMBLY.
- ADDITIONAL HARDENED FLAT WASHERS MAY BE REQUIRED IN CASES WHERE OVERSIZED OR SLOTTED HOLES ARE PRESENT. EXISTING CONDITIONS SHALL BE APPROVED BY THE EOR.



11/30/22



520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2102

AT&T
HOT SPRINGS
USID #: 16004
DESIGN DRAWINGS
PREPARED FOR:
NEXIUS
CLIENT #: CVL06276

REV.	DATE	DESCRIPTION
0	11/30/22	INITIAL RELEASE

HOT SPRINGS
2600 COLLEGE PARKWAY
CARSON CITY, NV 89706
PROJECT NOTES

ISSUED FOR:	
PERMIT	11/30/2022
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
MNS	RV
PROJECT MANAGER	APPROVED BY
CB	JNK

JOB NO.
2023723.09.16004.03

N-01



HOT SPRINGS
USID #: 16004

DESIGN DRAWINGS
PREPARED FOR:

nexus

CLIENT #: CVL06276

REV.	DATE	DESCRIPTION
0	11/30/22	INITIAL RELEASE

HOT SPRINGS
2600 COLLEGE PARKWAY
CARSON CITY, NV 89706

**TOWER ELEVATION &
MODIFICATION SCHEDULE**

ISSUED FOR:	
PERMIT	11/30/2022
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
MNS	RV
PROJECT MANAGER	APPROVED BY
CB	JNK

JOB NO.
2023723.09.16004.03

S-01

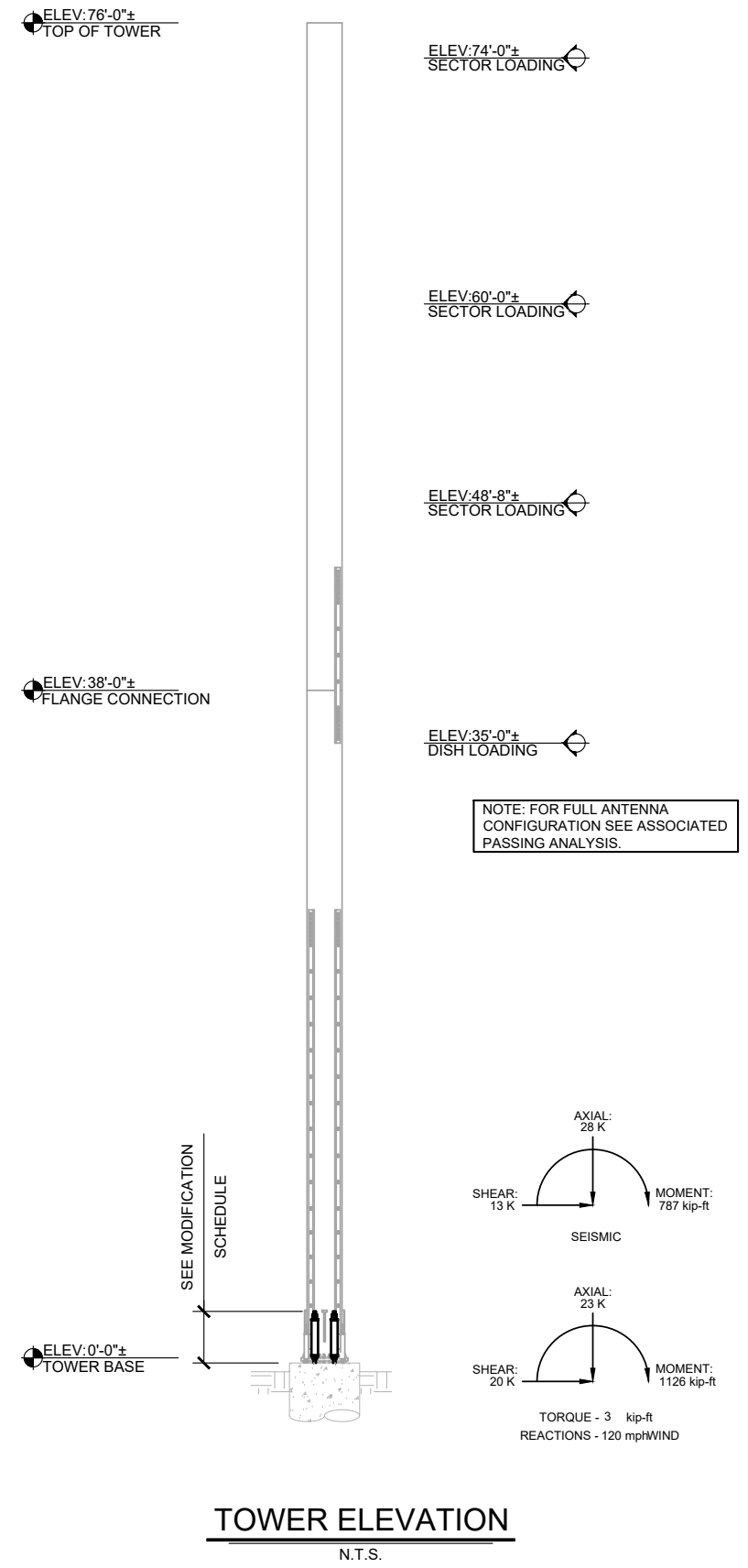
POLE SPECIFICATIONS	
POLE SHAPE:	ROUND
TAPER:	N/A
SHAFT STEEL:	ASTM A53 GRADE B (FY=42 KSI)
BASE PLATE STEEL:	ASTM A36
ANCHOR RODS:	1"Ø ASTM A354-BC

POLE SECTION DATA					
SHAFT SECTION	SECTION LENGTH (FT)	THICKNESS (IN)	LAP SPLICE (IN)	DIAMETER	
				@ TOP	@ BOTTOM
1	42.00	0.2500	X	24.00	24.00
2	38.00	0.5000		24.00	24.00

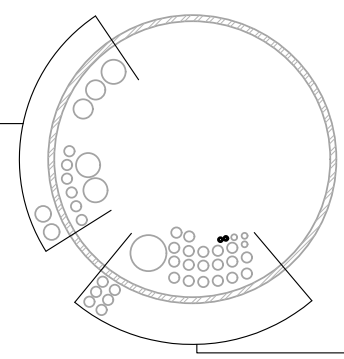
NOTE: DIMENSIONS DO NOT INCLUDE GALVANIZING TOLERANCES.

MODIFICATION SCHEDULE					
MEMBER TYPE	ELEVATION	EXISTING MEMBER	NEW MEMBER	REFERENCE DETAIL/SHEET	NOTES
ANCHOR ROD BRACKETS	0'-3"±	(26) 1"Ø ANCHOR RODS	(4) 1-3/4"Ø ANCHOR RODS W/ BRACKETS	SHEETS S-02 & S-03	INSTALL NEW ANCHOR RODS WITH BRACKETS TO THE EXISTING TOWER BASE.
TOWER PAINT	-	-	-	-	PAINT ALL NEW/EXISTING STEEL IN THE MODIFIED REGIONS TO MATCH THE EXISTING TOWER FINISH.

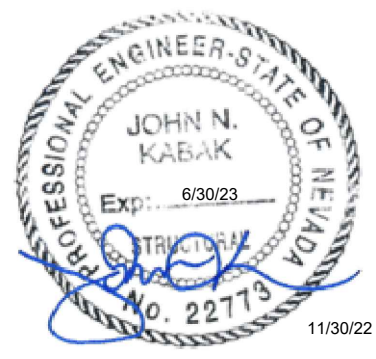
NOTES:
1. ALL MATERIAL REMOVED FROM THE TOWER SHALL BE DISPOSED OF BY THE CONTRACTOR OFF SITE.



(EXISTING)
(6) 1-5/8" COAX TO 74 FT LEVEL
(2) 2" HYBRID TO 74 FT LEVEL
(2) 1-5/8" COAX TO 48.67 FT LEVEL
(1) 2" HYBRID TO 48.67 FT LEVEL
(2) EW90 ELLIPTICAL AT 35 FT LEVEL



(EXISTING)
(18) 7/8" COAX TO 60 FT LEVEL
(6) 7/8" COAX TO 60 FT LEVEL
(7) 7/8" DC POWER TO 60 FT LEVEL
(3) 1/2" FIBER TO 60 FT LEVEL
(1) 3" CONDUIT TO 60 FT LEVEL
(PROPOSED)
(2) 6AWG TO 60 FT LEVEL





GPD Engineering and Architecture
Professional Corporation

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Akron, OH 44311
330.572.2100 Fax 330.572.2102



HOT SPRINGS
USID #: 16004

DESIGN DRAWINGS
PREPARED FOR:

nexus

CLIENT #: CVL06276

REV.	DATE	DESCRIPTION
0	11/30/22	INITIAL RELEASE

HOT SPRINGS
2600 COLLEGE PARKWAY
CARSON CITY, NV 89706

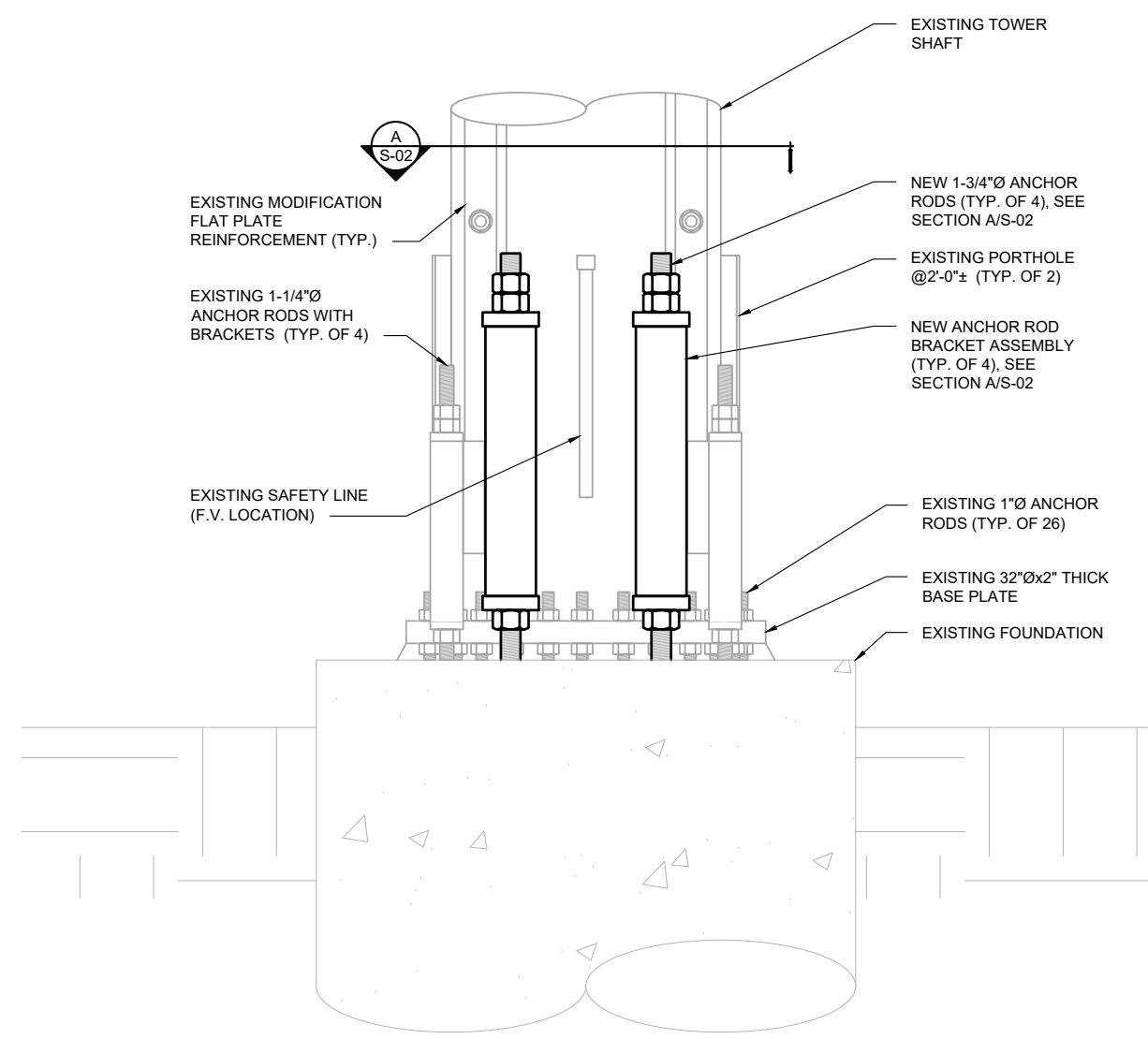
**MODIFICATION DETAILS
& SECTIONS**

ISSUED FOR:	
PERMIT	11/30/2022
BID	-
CONSTRUCTION	-
RECORD	-

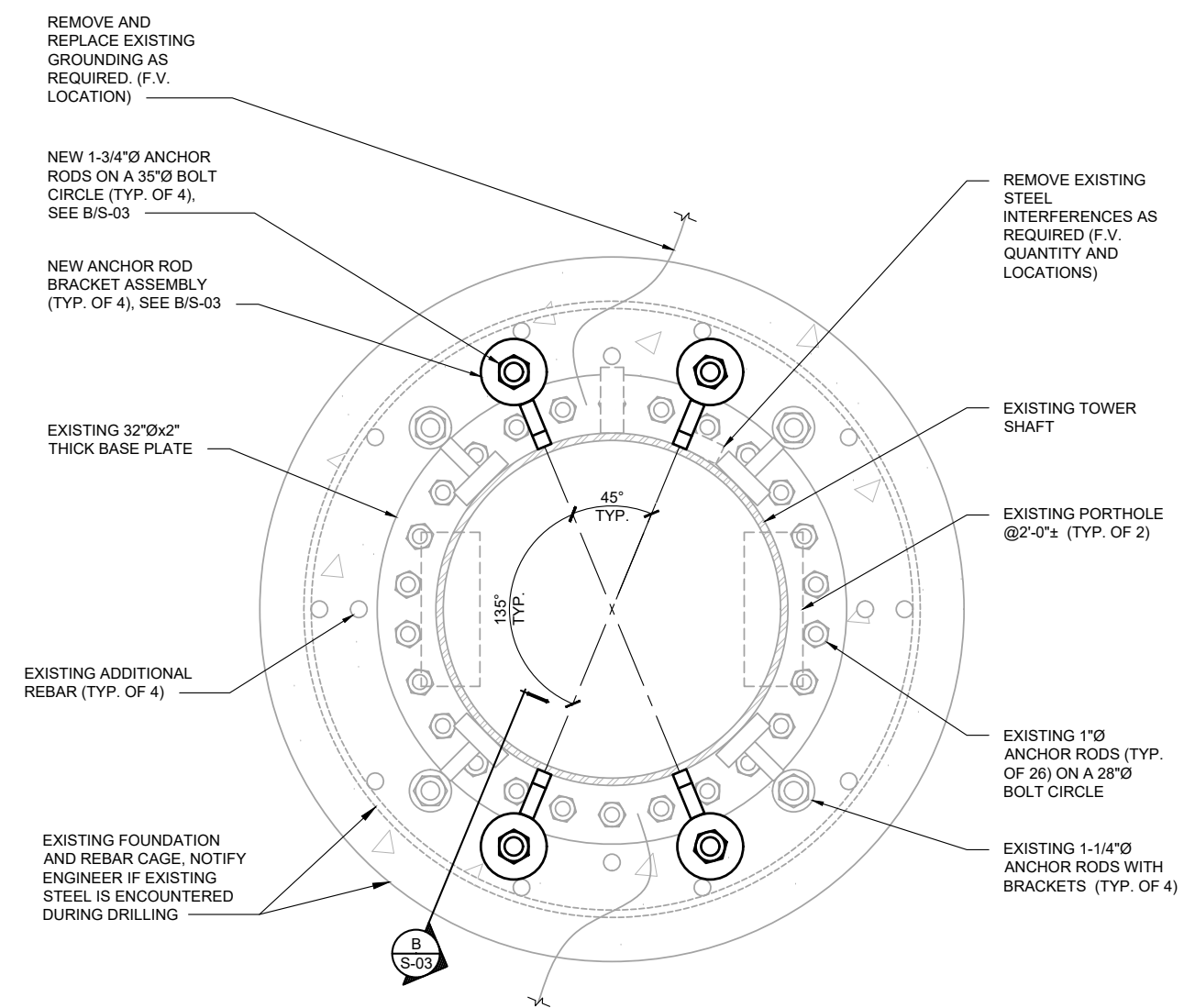
ENGINEER	DESIGNER
MNS	RV
PROJECT MANAGER	APPROVED BY
CB	JNK

JOB NO.
2023723.09.16004.03

S-02

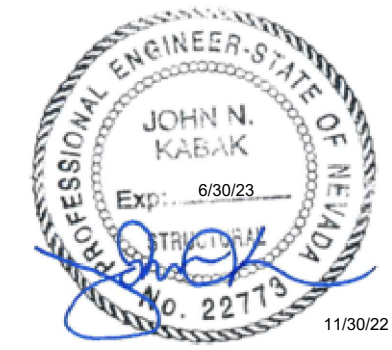


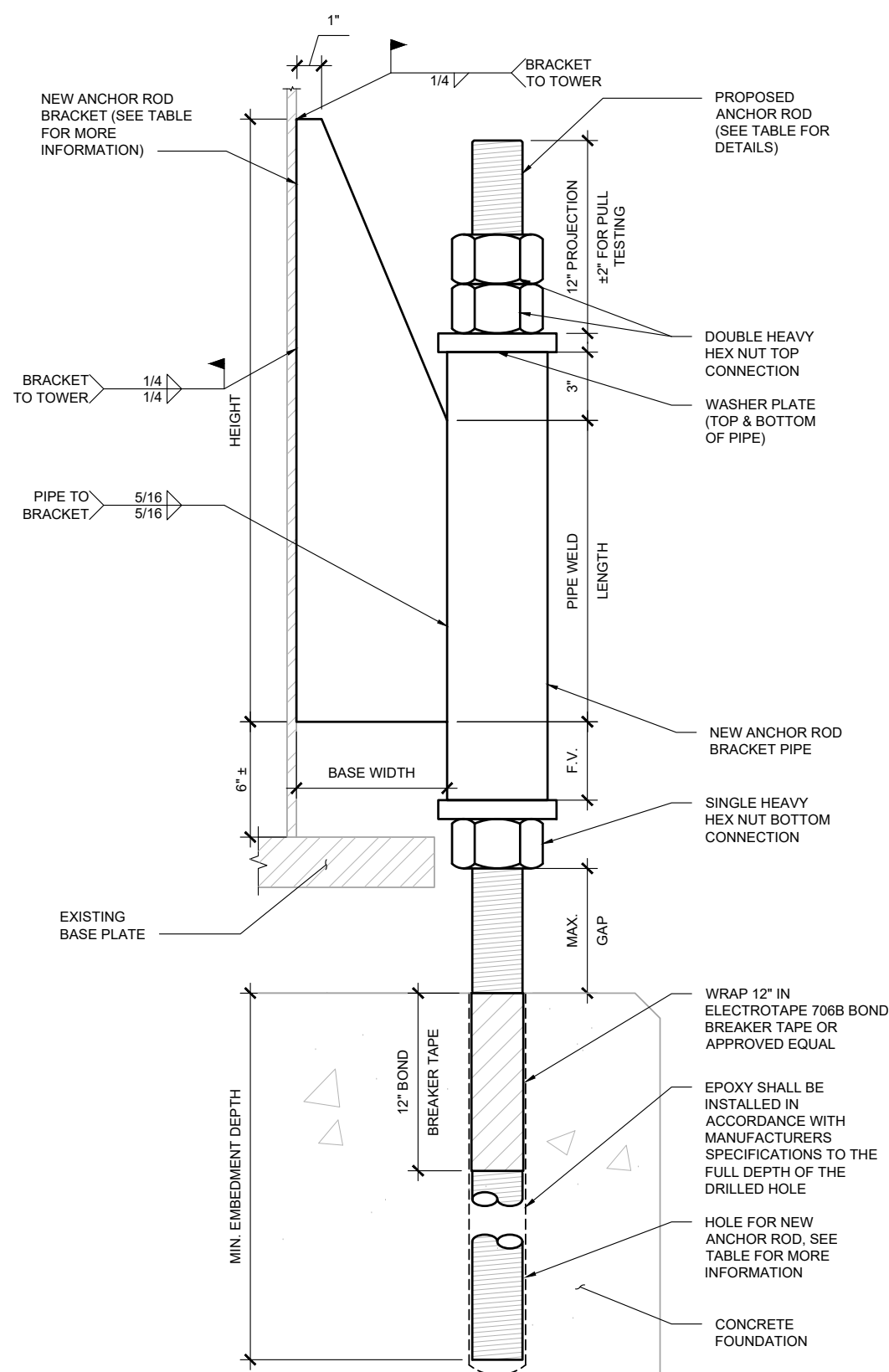
1 ELEVATION
S-02 SCALE: 3/4" = 1'-0"



A ELEVATION
S-02 SCALE: 1" = 1'-0"

- NOTE:**
- ALL EXPOSED STEEL SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY EOR IF DIFFERENT FROM WHAT IS SHOWN.





B ANCHOR ROD DETAIL
S-03 SCALE: N.T.S

ANCHOR ROD

DESCRIPTION	MEASUREMENT (IN.)
DIAMETER	1 3/4
MIN. EMBEDMENT	132
HOLE DIAMETER	2
TARGET TENSION LOAD ⁴	111 KIPS
MAX. GAP	5 1/4

ANCHOR BRACKET

DESCRIPTION	MEASUREMENT (IN.)
HEIGHT	30
BASE WIDTH	3 1/4
QUANTITY	4
THICKNESS	1
PIPE SIZE	P4 XX-STRONG
PIPE WELD LENGTH	24

HARDWARE

DESCRIPTION	MEASUREMENT (IN.)
HEAVY HEX NUT ⁴	1 3/4
QUANTITY	12
PLATE WASHER	5"Øx1-1/4"
QUANTITY	4

- NOTES:**
- ALL SIZES AND QUANTITIES SHALL BE VERIFIED PRIOR TO FABRICATION. CONTRACTOR IS REQUIRED TO PROVIDE FINAL SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
 - ALL DIMENSIONS/MEASUREMENTS ARE SHOWN IN INCHES.
 - ALL CORE DRILLED HOLES SHALL BE MECHANICALLY ROUGHENED PRIOR TO INSTALLATION OF THE NEW ANCHOR RODS.
 - AFTER ANCHOR ROD PROOF TESTING IS COMPLETE, INSTALL NUTS TO SNUG TIGHT PLUS 1/8 TURN BEFORE INSTALLING SECOND NUT FOR TOP CONNECTION.
 - ANCHOR ROD SHALL BE CUT IN FIELD BY CONTRACTOR TO MEET PROJECTION REQUIREMENTS SHOWN.



ANCHOR ROD NOTES

- CONTRACTOR SHALL INSTALL RODS AND BRACKETS AT LOCATIONS INDICATED ON DRAWINGS.
- CONTRACTOR SHALL VERIFY THAT TOWER IS PLUMB PRIOR TO THE INSTALLATION OF ANY TOWER MODIFICATIONS.
- CONTRACTOR SHALL PROVIDE TOP AND BOTTOM HEAVY HEX NUTS FOR PROPOSED ANCHOR RODS. TOP CONNECTION SHALL BE DOUBLE NUTTED.
- CARE SHALL BE TAKEN DURING INSTALLATION OF ANCHOR RODS SO THAT EXISTING REINFORCING STEEL AND OR ANCHOR BOLTS ARE NOT DAMAGED. CONTACT ENGINEER IMMEDIATELY IF REINFORCING ENCOUNTERED. EXISTING REINFORCEMENT INDICATED ON DRAWINGS IS ILLUSTRATIVE. ACTUAL QUANTITY AND LOCATION OF REINFORCEMENT MIGHT DIFFER FROM THAT INDICATED ON THE DRAWINGS. ANCHOR TEMPLATES MAY BE ENCOUNTERED DURING DRILLING PROCESS, AND MAY BE DRILLED THROUGH.
- EACH ANCHOR ROD TO BE TESTED SHALL BE TESTED TO THE MAXIMUM TARGET TENSION LOAD LISTED IN THE ANCHOR ROD TABLE BELOW. PULL TESTING RESULTS SHALL BE SUPPLIED TO THE TOWER OWNER AND THE ENGINEER OF RECORD (GPD) FOR REFERENCE IN THE POST INSTALLATION OBSERVATION REPORT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAUSE CONSTRUCTION AT A POINT WHERE THE ANCHOR RODS CAN BE EFFECTIVELY TESTED. CONSTRUCTION MAY CONTINUE AFTER TESTING IS COMPLETE.
- HALF OR A MINIMUM OF 4 (WHICHEVER IS GREATER) NEW ANCHOR RODS SHALL BE TESTED.
- COMPLETE RECORDS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE TEST. MAXIMUM LOAD INCREMENT SHALL BE 15% OF THE PROOF LOAD.
- PULL TESTING SHALL BE IN ACCORDANCE WITH ASTM E488M-10.
- IF A DISPLACEMENT GREATER THAN 0.01 INCHES, MEASURED FROM THE BASE LINE, REMAINS AFTER THE FIRST TEST CYCLE, FURTHER TESTS SHALL BE PERFORMED UP TO A MAXIMUM OF 3 TEST CYCLES TO DETERMINE IF ANCHOR ROD MOVEMENT CONTINUES TO ACCUMULATE. TOTAL RESIDUAL MOVEMENT SHALL NOT EXCEED 0.05 INCHES. INCREMENTAL RESIDUAL MOVEMENTS RECORDED FROM EACH TEST CYCLE MUST BE DECREASING IN VALUE AND STABILIZE TO A VALUE NO MORE THAN 0.01 INCHES. ANCHORS NOT MEETING THE TOTAL RESIDUAL MOVEMENT AND/OR THE INCREMENTAL RESIDUAL MOVEMENT LIMITATIONS SHALL BE CONSIDERED TO HAVE FAILED THE TEST.
- WHEN COMPLETED WITH EPOXY INSTALLATION, THE TOP OF THE EPOXY SHALL BE EQUAL TO OR HIGHER THAN THE TOP OF THE FOUNDATION, SUCH THAT WATER IS NOT ABLE TO COLLECT IN THE ANNULAR AREA AROUND THE EXPOSED PORTION OF THE ANCHOR ROD.
- INSTALLATION OF GROUT AND/OR BOTTOM NUT FLUSH TO BASE PLATE IS PROHIBITED PRIOR TO COMPLETION OF ANCHOR ROD PULL TEST.
- NEW ANCHOR RODS TO BE HOT DIPPED GALVANIZED TO A MINIMUM OF 15" BELOW THE CONCRETE SURFACE.
- THE ADHESIVE ANCHOR SYSTEM USED FOR POST-INSTALLED ANCHORAGE TO CONCRETE SHALL CONFORM TO THE MOST RECENTLY PUBLISHED ACI 308.4, ACCEPTANCE CRITERIA FOR QUALIFICATION OF POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE AND COMMENTARY. THE ANCHOR SYSTEM SHALL BE ONE OF THE FOLLOWING:
 - E-CHEM PILE ANCHOR GROUT
 - AN ENGINEER APPROVED EQUAL MEETING ACI 308.4 AND THE MINIMUM BOND STRESS VALUES BELOW. BULK MIXED ADHESIVES ARE NOT PERMITTED.
- THE ADHESIVE ANCHORS SELECTED FROM THE PARAGRAPH ABOVE SHALL BE SUPPLIED AS AN ENTIRE SYSTEM. THE SYSTEM SHALL INCLUDE, BUT NOT BE LIMITED TO, THE NEW ADHESIVE CARTRIDGE, A CLEAN MIXING EXTENSION TUBE, A DISPENSING GUN, AND ALL MANUFACTURER RECOMMENDED SUPPLIES FOR PROPERLY CLEANING THE HOLE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EQUIPMENT REQUIRED FOR INSTALLATION OF THE ADHESIVE ANCHOR SYSTEM.
- ANCHORAGE DESIGN IS IN ACCORDANCE WITH CHAPTER 17 OF ACI 318-14. FOR ADHESIVE ANCHORS, THE FOLLOWING MINIMUM VALUES FOR BOND STRESS WERE ASSUMED FOR THE DESIGN USING THE ABOVE ADHESIVE ANCHOR ASSEMBLIES:
 - CRACKED CONCRETE BOND STRESS (BASED ON HAMMER DRILLING):
 $f_{cr} = 1500 \text{ PSI}$
- ALL-THREADED ROD TO BE USED IN ADHESIVE ANCHOR ASSEMBLIES SHALL CONFORM TO THE ASTM SPECIFICATIONS REPRESENTED WITHIN THESE DRAWINGS. THREADS SHALL BE UNF COARSE THREADS UNLESS NOTED OTHERWISE. COMPATIBLE NUTS AND WASHERS SHALL BE FURNISHED WITH ALL THE ALL-THREADED ROD CONSIDERED PART OF THE ASSEMBLY. THE COST OF HARDWARE SHALL BE CONSIDERED INCIDENTAL TO THE ADHESIVE ANCHOR ASSEMBLY.
- NUTS, WASHERS, AND OTHER HARDWARE USED WITH AN ALL-THREADED BAR ADHESIVE ANCHOR SYSTEM SHALL HAVE A MATERIAL OR AN ALLOY DESIGNATION THAT MATCHES THE ALL-THREAD MATERIAL/ALLOY. GALVANIZED ASSEMBLIES SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A193. CLASS 2 ELECTROPLATE GALVANIZING IS NOT ACCEPTABLE. DISSIMILAR METAL ASSEMBLIES SHALL BE SEPARATED BY NYLON, EPDM, OR OTHER APPROVED NON-METALLIC WASHERS.
- REINFORCING BARS TO BE USED IN ADHESIVE ANCHOR ASSEMBLIES SHALL CONFORM TO ASTM A615, A706, OR A995.
- EMBEDMENT DEPTH AND ANCHOR PROJECTION (STICK-OUT) FROM CONCRETE SURFACE SHALL BE AS SHOWN ON THE DRAWING OR DETAIL FOR THE PARTICULAR ANCHOR OR ANCHOR GROUP BEING INSTALLED. ABSENT OF ANY INFORMATION THE MINIMUM STICK-OUT SHALL BE 12".
- ADHESIVES SHALL BE STORED AND INSTALLED AT THE SERVICE TEMPERATURE RANGES RECOMMENDED BY THE MANUFACTURER.
- ADHESIVE ANCHORS SHALL BE INSTALLED BY QUALIFIED PERSONNEL TRAINED TO INSTALL ADHESIVE ANCHORS IN ACCORDANCE WITH THE SPECIFICATIONS. POST-INSTALLED ADHESIVE ANCHORS SHALL BE INSTALLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS (MPII).
- INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT SUSTAINED TENSION LOADS SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM. THESE ANCHORS ARE DESIGNATED WITH A (CERT) AFTER THE ANCHOR CALL-OUT. THESE ANCHORS SHALL BE CONTINUOUSLY INSPECTED DURING INSTALLATION BY AN INSPECTOR SPECIALLY APPROVED FOR THAT PURPOSE BY THE BUILDING OFFICIAL.
- THE INSTALLERS QUALIFICATIONS SHALL BE SUBMITTED AND APPROVED IN ACCORDANCE WITH THE SPECIFICATIONS.
- INSTALLED ADHESIVE ANCHORS SHALL BE SECURELY FIXED IN-PLACE TO PREVENT DISPLACEMENT WHILE THE ADHESIVE CURES. UNLESS SHOWN OTHERWISE WITHIN THE DRAWINGS, ANCHORS SHALL BE INSTALLED PERPENDICULAR TO THE CONCRETE SURFACE. ANCHORS DISPLACED PRIOR TO ADHESIVE CURING SHALL BE CONSIDERED DAMAGED AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- REINFORCING BARS OR ALL-THREADED BARS SHALL NOT BE BENT AFTER BEING ADHESIVELY EMBEDDED IN HARDENED, SOUND CONCRETE, UNLESS PERMITTED BY THE ENGINEER.
- IT IS UP TO THE CONTRACTOR'S DISCRETION REGARDING THE METHOD FOR ROUGHENING CORE DRILLED HOLES FOR NEW ANCHOR RODS, WHICH INCLUDES BUT IS NOT LIMITED TO CREATING SPECIAL TOOLING OR PURCHASING TOOLING OFF-THE-SHELF. WIRE BRUSH CLEANING PER THE MANUFACTURER'S SPECIFICATIONS SHALL NOT BE CONSIDERED AN EFFECTIVE METHOD OF MECHANICALLY ROUGHENING CORE DRILLED HOLES. ONCE COMPLETED, THE SURFACE ROUGHNESS OF CORE DRILLED HOLES SHALL BE TO AN AMPLITUDE SIMILAR TO THAT ACHIEVED BY DRILLING WITH A VIBRATORY HAMMER DRILL.

REV.	DATE	DESCRIPTION
0	11/30/22	INITIAL RELEASE

HOT SPRINGS
2600 COLLEGE PARKWAY
CARSON CITY, NV 89706
ANCHOR ROD DETAILS & NOTES

ISSUED FOR:	
PERMIT	11/30/2022
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
MNS	RV
PROJECT MANAGER	APPROVED BY
CB	JNK

JOB NO.
2023723.09.16004.03

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