

COMMUNICATIONS SITE LICENSE AGREEMENT

THIS COMMUNICATIONS SITE LICENSE AGREEMENT ("License Agreement") dated as of July 13, 2005, is between Metro PCS California/Florida, Inc., a Delaware Corporation, d/b/a Metro PCS ("Licensee") whose address is 1080 Marina Village Parkway, 4th Floor, Alameda, CA 94501, and City of Santa Rosa High School District of the County of Sonoma, State of California, a political subdivision of the State of California ("Licensor") whose address is 211 Ridgway Avenue, Santa Rosa, California, 95401-4386.

The parties hereto agree as follows:

1. Premises. Licensor represents that Licensor owns the real property legally described in Exhibit "A" commonly known as Elsie Allen High School located at 599 Bellevue Avenue, Santa Rosa, California, 95407 (Assessor's Parcel Number 134-042-032). Subject to the following terms and conditions, Licensor License Agreements to Licensee that portion of Licensor's property ("Licensor's Property") depicted in Exhibit "B", including any applicable easements for access and utilities (the "Premises").

2. Use. The Premises may be used by Licensee for any lawful activity in connection with the provisions of mobile/wireless communications services, the transmission and the reception of radio communication signals on various frequencies and the construction, maintenance and operation of related communications facilities. Licensor agrees, at no expense to Licensor, to cooperate with Licensee, in making application for and obtaining all licenses, permits and any and all other necessary approvals that may be required for Licensee's intended use of the Premises.

3. Condition Precedent. This License Agreement is conditioned upon Licensee, or Licensee's assigns, obtaining all governmental licenses, permits and approvals enabling Licensee, or its assigns, to construct and operate mobile/wireless communications facilities on the Premises.

4. Term. The term of this License Agreement ("Term") shall be Five (5) years commencing with the issuance of a local building permit allowing Licensee to construct its mobile/wireless communications facilities on the Premises ("Commencement Date"). Licensee shall have the right to extend the Term of this License Agreement for Five (5) additional Terms ("Renewal Term") of Five (5) years each. Each Renewal Term shall be on the same terms and conditions as set forth herein. This License Agreement shall automatically be extended for each successive five (5) year Renewal Term unless Licensee or Licensor notifies the other party in writing of Licensee's or Licensor's intention not to extend this License Agreement at least one-hundred eighty (180) days prior to the expiration of the first five year Term or any Renewal Term.

5. Rent. Upon the Commencement Date, Licensee shall pay Licensor, as rent, the sum of Twenty Nine Thousand, Seven Hundred, Five Dollars (\$29,705.) ("Rent") per year. Rent shall be payable on the 1st day of each year, in advance, to Licensor at Licensor's address specified at the beginning of this License Agreement.

Rent shall be increased on each anniversary of the Commencement Date by an amount equal to three percent (3%) of the Rent for the previous year.


If the Commencement Date is other than the first day of a calendar year, Licensee may pay on the first day of the Term the prorated Rent for the remainder of the calendar year in which the Term commences, and thereafter, Licensee shall pay a full year's Rent on the first day of each calendar year, except that payment shall be prorated for the final fractional year of this License Agreement, or if this License Agreement is terminated before the expiration of any year.

Licensee may expand the Premises for its equipment beyond the square footage of the Premises with Licensor's prior written consent, which consent shall not be unreasonably withheld, conditioned, or delayed, and Rent shall be increased in proportion to the extra square footage included in the revised Premises.

6. Improvements; Access.

(a) Licensee shall have the right (but not the obligation) at any time following the full execution of this License Agreement and prior to the Commencement Date, to enter the Premises for the purpose of making necessary inspections and engineering surveys (and soil tests where applicable) and other reasonably necessary tests (collectively "Tests") to determine the suitability of the Premises for Licensee's Facilities (as defined herein) and for the purpose of preparing for the construction of Licensee's Facilities. During any Tests or pre-construction work, Licensee will have insurance as set forth in Section 12, Insurance. Licensee will notify Licensor of any proposed Tests or pre-construction work and will coordinate the scheduling of same with Licensor. If Licensee determines

that the Premises are unsuitable for Licensee's contemplated use, then Licensee will notify Licensor and this License Agreement will terminate.

(b) Licensee has the right to construct, maintain, install, repair and operate on the Premises radio communications facilities, including radio frequency transmitting and receiving equipment, batteries, power and/or telephone upgrades, radio frequency transmitting and receiving antennae and supporting structures and improvements ("Licensee's Facilities"). In connection therewith, Licensee has the right to do all work necessary to prepare, add, maintain and alter the Premises for Licensee's communications operations and to install utility lines and transmission lines connecting antennas to transmitters and receivers. Licensee shall have the right to install any warning signs on or about the Premises required by federal, state or local law. All of Licensee's construction and installation work shall be performed at Licensee's sole cost and expense and in accordance with Division of State Architect (DSA) application number 01-106929 dated March 4, 2005, including reimbursement to the District for costs incurred in acquiring professional services necessary to complete DSA approval within 120 days of completion of construction as stipulated in the DSA approval of Plan(s) letter dated June 6, 2005 provided such reimbursement shall not exceed 120 days. Title to Licensee's Facilities and any equipment placed on the Premises by Licensee shall be held by Licensee or its equipment Licensors or assigns. Licensee's Facilities shall not be considered fixtures. Licensee has the right to remove any or all of Licensee's Facilities at its sole expense on or before the expiration of this License Agreement or within sixty (60) days after an early termination of this License Agreement. ~~Unless Licensor has obtained a final judgment for money damages against Licensee,~~ Licensor agrees that Licensee's facilities shall be exempt from execution, foreclosure, sale, levy, attachment, or distress for any rent due or to become due. 

(c) Licensor shall provide Licensee, Licensee's employees, agents, contractors, subcontractors and assigns with access to the Premises twenty-four (24) hours a day, seven (7) days a week, at no charge to Licensee. Except in an emergency, before entering the Premises, Licensee shall first register with and receive permission from the school principal or his/her designee. If signs are posted that restrict the entrance or route that non-students may use to reach the office of the principal or designee, Licensee shall comply with such signs. Unless the principal or designee has a reasonable basis to conclude that Licensee's presence on the Premises will disrupt the school's operations, he or she shall grant Licensee access to the Premises. Licensor represents and warrants that it has full rights of ingress to and egress from the Premises, and hereby grants such rights to Licensee to the extent required to construct, maintain, install and operate Licensee's Facilities on the Premises, and to remove them therefrom. Licensee's exercise of such rights shall not cause undue inconvenience to Licensor.

(d) Licensor shall maintain all access roadways from the nearest public roadway to the Premises in a manner sufficient to allow reasonable access. Licensor shall be responsible for maintaining and repairing such roadways, at its sole expense, except for any damage caused by Licensee's use of such roadways. If Licensee causes any such damage, it shall promptly repair same.

(e) Licensee shall have the right to install utilities, at Licensee's sole expense, and to improve the present utilities on or near the Premises (including the installation of emergency back-up power). Subject to Licensor's approval of the location, which approval shall not be unreasonably withheld, Licensee shall have the right to place utilities on (or to bring utilities across) Licensor's Property in order to service the Premises and Licensee's Facilities.

(f) Licensee shall fully and promptly pay for all utilities furnished to the Premises for the use, operation and maintenance of Licensee's Facilities.

(g) Upon the expiration, cancellation or termination of this License Agreement, Licensee shall surrender the Premises to Licensor in good condition, less ordinary wear and tear.

7. Interference with Communications. Licensee's Facilities shall not disturb the communications configurations, equipment and frequency which exist on Licensor's Property on the Commencement Date ("Pre-existing Communications"), and Licensee's Facilities shall comply with all non-interference rules of the Federal Communications Commission. Licensor shall not permit the use of any portion of Licensor's Property in a way which interferes with the use of the Premises described in Paragraph 2, above. Such interference with Licensee's communications operations shall be deemed a material breach by Licensor, and Licensor shall have the responsibility to promptly terminate said interference. In the event any such interference does not cease promptly, the parties acknowledge that continuing interference will cause irreparable injury to Licensee, and therefore, Licensee shall have (i) the right to bring action to enjoin such interference and (ii) the right to terminate the License Agreement immediately upon notice to Licensor, in addition to any other rights or remedies at law or in equity. Notwithstanding the foregoing, Pre-existing Communications operating in the same manner as on the Commencement Date shall not be deemed interference. Subsequent to the date of this License Agreement, Licensor shall not use its Property or

permit its Licensees, licensees or invitees to use Licensor's Property for transmission or reception of communications or signals without the express prior written consent of Licensee, which consent shall not be unreasonably withheld. Licensee's consent may be withheld if interference with Licensee's transmissions, receptions, operations, or use of frequency will result due to such use, whether or not such interference is with Licensee's frequencies or otherwise.

8. Taxes. Licensee shall pay personal property taxes assessed against Licensee's Facilities.

9. Termination.

(a) This License Agreement, in addition to any other remedies which may be pursued in law or in equity, may be terminated by either party upon a material default of any covenant, condition, or term hereof by the other party, which default has not been cured as indicated herein below at subsection (c). This License Agreement may be terminated by Licensee without further liability for any reason or for no reason, provided Licensee delivers written notice of termination to Licensor prior to the Commencement Date.

(b) This License Agreement may also be terminated by Licensee without further liability on thirty (30) days prior written notice (i) if Licensee is unable to reasonably obtain or maintain any certificate, license, permit, authority or approval from any governmental authority, thus, restricting Licensee from installing, removing, replacing, maintaining or operating Licensee's Facilities or using the Premises in the manner described in Paragraph 2 above; or (ii) if Licensee determines that the Premises are not appropriate for its operations for economic, environmental or technological reasons, including without limitation, signal strength, coverage or interference.

(c) If Licensee defaults in the payment of rent, or any additional rent, or defaults in the performance of any of the other covenants or conditions of this agreement, Licensor may give Licensee notice of such default and if Licensee does not cure any rent, or additional rent, default within fifteen (15) days, or other default within forty-five (45) days, after giving of such notice (or if such other default is of such nature that it cannot be completely cured within such period, if Licensee does not commence such curing within such fifteen (15) days and thereafter proceed with reasonable diligence and in good faith to cure such default), then Licensor may terminate this License Agreement on not less than fifteen (15) days' notice to Licensee. On the date specified in the notice, the term of this License Agreement shall terminate and the Licensee shall then quit and surrender the Premises to Licensor, but Licensee shall remain liable as provided herein and by law. If this License Agreement shall have been so terminated by Licensor, Licensor may at any time thereafter resume possession of the Premises by any lawful means and remove Licensee or other occupants and their effects.

10. Destruction of Premises. If the Premises or Licensor's Property is destroyed or damaged so as in Licensee's judgment, to hinder its effective use of Licensor's Property, Licensor shall make available to Licensee within five (5) days a temporary site on the Property (or on other property owned or controlled by Licensor) which in Licensee's sole discretion is equally suitable for Licensee's use. Licensee may construct, operate, and maintain substitute Licensee's Facilities thereon until Licensee's Facilities are fully restored and operational on the Premises. Rent shall abate in full during any time that Licensee is unable to operate Licensee's Facilities on the Property. Alternatively, Licensee may elect to terminate this License Agreement as of the date of the damage or destruction by so notifying Licensor no more than 30 days following the date of damage or destruction.

11. Condemnation. If a condemning authority takes all or a portion of Licensor's Property, which in Licensee's opinion is sufficient to render the Premises unsuitable for Licensee's use, then Licensee may terminate this License Agreement as of the date when possession is delivered to the condemning authority. In any condemnation preceding each party shall be entitled to make a claim against the condemning authority for just compensation (which for Licensee shall include the value of Licensee's Facilities, moving expenses, prepaid rent, business dislocation expenses, bonus value of the License Agreement and any other amounts recoverable under condemnation law). Sale of all or part of the Premises to a purchaser with the power of eminent domain in the face of the exercise of its power of eminent domain shall be treated as a taking by a condemning authority.

12. Insurance. Licensee shall maintain the following insurance: (1) Commercial General Liability with limits of \$5,000,000.00 per occurrence, covering Licensee's use, occupancy and operations on the Premises; (2) Automobile Liability with a combined single limit of \$1,000,000.00 per accident; (3) Workers Compensation as required by law; and (4) Employer's Liability with limits of \$1,000,000.00 per occurrence. Each party to this License Agreement shall each maintain standard form property insurance ("All Risk" coverage) equal to at least 90% of the replacement cost covering their respective property. Licensee shall name Licensor as an additional insured with respect to the above Commercial General Liability insurance. Licensee shall have the right to self-insure with respect to any of the above insurance.

13. Assignment. Licensee may assign this License Agreement or subLicense Agreement the Premises at any time without Licensor's consent to (i) any of Licensee's partners or parent firms, (ii) Licensee's and their affiliates and subsidiaries, (iii) in connection with the sale, exchange, or other transfer of Licensee's FCC authorization for the geographic area in which the Premises are located or substantially all of Licensee's assets in the geographic area where the Premises are located; or (iv) in connection with any financing, loan, security interest, pledge, or mortgage of Licensee's property. Any other assignment shall require Licensor's prior written approval, which approval shall not be unreasonably withheld, delayed, or conditioned.

14. Title and Quiet Enjoyment.

(a) Licensor represents and warrants that it has full right, power, and authority to execute this License Agreement. Licensor further warrants that Licensee shall have quiet enjoyment of the Premises during the Term of this License Agreement or any Renewal Term. Licensor hereby represents and warrants that it has obtained all necessary approvals and consents, and has taken all necessary action to enable Licensor to enter into this License Agreement and allow Licensee to install and operate Licensee's Facilities on the Premises, including without limitation, approvals and consents as may be necessary from other tenants, licensees and occupants of Licensor's Property.

(b) Licensee has the right to obtain a title report or commitment for a License Agreement hold title policy from a title insurance company of its choice. If, in the opinion of Licensee, such title report shows any defects of title or any liens or encumbrances which may adversely affect Licensee's use of the Premises, Licensee shall have the right to terminate this License Agreement immediately upon written notice to Licensor.

15. Repairs. Licensee shall not be required to make any repairs to the Premises except for damages to the Premises caused by Licensee, its employees, agents, contractors or subcontractors.

16. Environmental. Licensor represents that the Premises have not been used for the generation, storage, treatment or disposal of hazardous materials, hazardous substances or hazardous wastes. In addition, Licensor represents that no hazardous materials, hazardous substances, hazardous wastes, pollutants, asbestos, polychlorinated biphenyls (PCBs), petroleum or other fuels (including crude oil or any fraction or derivative thereof) or underground storage tanks are located on or near the Premises. Notwithstanding any other provision of this License Agreement, Licensee relies upon the representations stated herein as a material inducement for entering into this License Agreement.

17. Indemnity.

(a) Licensee's Indemnity. Licensee shall indemnify, defend, and hold Licensor, its employees, successors and assigns harmless from and against any and all loss, cost, claim, liability, action, damage, injury to or death of any person (including reasonable attorneys' fees) ("Claims"), occurring on the Premises and arising out of or connected with the negligence or willful misconduct of Licensee, its agents or contractors, except for Claims arising out of (i) the negligence or willful misconduct of Licensor, its agents or contractors, (ii) violation of law by Licensor, its agents or contractors, (iii) breach of any duty or obligation by Licensor under this License Agreement, or (iv) any condition relating to the Premises which Licensee has no obligation to repair or maintain.

(b) Licensor's Indemnity. Licensor shall indemnify, defend, and hold Licensee, its employees, successors and assigns harmless from and against any and all loss, cost, claim, liability, action, damage, injury to or death of any person (including reasonable attorneys' fees) ("Claims"), arising out of or connected with the (i) negligence or willful misconduct of Licensor, its agents or contractors, (ii) violation of law by Licensor, its agents or contractors, (iii) breach of any duty or obligation by Licensor under this License Agreement, or (iv) any condition relating to the Premises which Licensee has no obligation to repair or maintain, except for Claims occurring on the Premises and arising out of or connected with the negligence or willful misconduct of Licensee, its agents or contractors.

(c) The foregoing indemnity in (a) and (b) are not limited in any way by any limitation on the amount or type of damages or compensation payable to or for Licensee or its employees or agents under workers' compensation acts, disability benefits act, or other employee benefit acts. Each contract let by Licensee for work to be provided upon the Premises shall also require such indemnification for the benefit of Licensor.

(d) Survival. The foregoing indemnity in (a) and (b) will survive the termination, cancellation or expiration of this License Agreement.

18. Miscellaneous.

Notices shall be in writing and shall be delivered to Licensee, Attn: Property Manager, with a copy to 8144 Walnut Hill Lane, Suite 800, Dallas, Texas 75231 Attn: Property Manager and to Licensor, Attn: Business Office, to the address of the respective party given at the beginning of this License Agreement, or to the address specified in the most recent written notice of any change in address. Delivery of notices shall be made by hand, U.S. mail return receipt requested or reliable overnight courier.

If Licensee is to pay Rent to a payee other than the Licensor, Licensor shall notify Licensee in advance in writing of the payee's name and address.

The substantially prevailing party in any legal claim arising hereunder shall be entitled to its reasonable attorney's fees and court costs, including appeals, if any.

Licensor shall obtain for the benefit of Licensee a reasonable Non-Disturbance Agreement from the present and any future mortgagee(s) or holder(s) of a deed of trust confirming that Licensee's right to quiet possession of the Premises during this License Agreement shall not be disturbed, so long as Licensee is not in default under this License Agreement.

If any provision of the License Agreement is invalid or unenforceable with respect to any party, the remainder of this License Agreement or the application of such provision to persons other than those as to whom it is held invalid or unenforceable, shall not be affected and each provision of this License Agreement shall be valid and enforceable to the fullest extent permitted by law.

Terms and conditions of this License Agreement which by their sense and context survive the termination, cancellation or expiration of this License Agreement will so survive.

This License Agreement shall be governed under California law, and be binding on and inure to the benefit of the successors and permitted assignees of the respective parties.

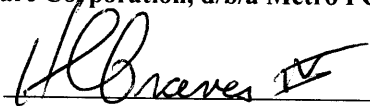
Upon request either party may require that a Memorandum of License Agreement be recorded confirming the (i) License Agreement commencement, (ii) expiration date of the Term, and (iii) the duration of any Renewal Terms.


This License Agreement constitutes the entire License Agreement between the parties, and supersedes all understandings, offers, negotiations and other License Agreements concerning the subject matter contained herein. There are no representations or understandings of any kind not set forth herein. Any amendments, modifications or waivers of any of the terms and conditions of this License Agreement must be in writing and executed by both parties.

IN WITNESS WHEREOF, the parties have entered into this License Agreement effective as of the date first above written.

LICENSEE: METRO PCS CALIFORNIA/FLORIDA, INC.
a Delaware Corporation, d/b/a Metro PCS

LICENSOR: SANTA ROSA CITY SCHOOLS

By: 

By: 

Name: HC Graves IV

Name: Douglas Bower

Title: Vice-President, General Manager

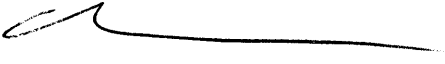
Title: Associate Superintendent-Business Services

Date: 08/08/05

Tax: ID# 68-0180139

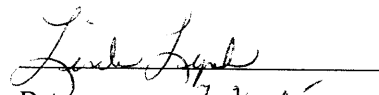
Date: 7-26-05

ATTEST WITNESS



Date: 08/08/05

ATTEST WITNESS



Date: 7-26-05

APPROVED AS TO FORM

Joan Tapanainen, RESIG, 6/22/05

Clare Gibson, School and College Legal Services,
6/24/05

EXHIBIT A

DESCRIPTION OF LAND

To the Agreement dated _____, 2005, by and between The City of Santa Rosa High School District of the County of Sonoma, State of California, a political subdivision of the State of California, as Licensor, and MetroPCS California/Florida Inc., a Delaware corporation, d/b/a MetroPCS, as Licensee.

The Land is described and/or depicted as follows:

PARCEL ONE:

BEING PART OF THE RANCHO LLANO DE SANTA ROSA AND PARTICULARLY DESCRIBED AS FOLLOWS:

LOTS FIVE, SIX, SEVEN, EIGHT, NINE AND TEN, IN BLOCK "A", AS SHOWN UPON THE MAP ENTITLED "MAP OF LANDS OF TIMOTHY PAIGE, BEING A PART OF WHAT IS KNOWN AS THE BRAYTON TRACT, SONOMA COUNTY, CALIFORNIA." FILED IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF SONOMA, STATE OF CALIFORNIA, ON JUNE 12, 1888.

EXCEPTING THEREFROM TWO ACRES OFF THE NORTH SIDE OF SAID LOT FIVE CONVEYED BY GEORGE D. TULLAR TO R. J. HERR BY DEED DATED JULY 21, 1906 AND RECORDED IN BOOK 231 OF DEEDS, PAGE 54.

EXCEPTING ALSO THAT PORTION THEREOF SITUATED ON THE EASTERLY SIDE THEREOF AND CONTAINING 14.09 ACRES OF LAND, ACCORDING TO THE SURVEY OF J. E. WILLIAMS & SONS, MADE ON THE 12TH DAY OF OCTOBER, 1922, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A STAKE IN THE MIDDLE OF BRAYTON AVENUE WHERE THE SAME INTERSECTS THE CENTER LINE OF A ROAD, 30-FOOT IN WIDTH, RUNNING NORTH FROM SAID BRAYTON AVENUE ALONG THE EASTERLY LINE OF SAID LOS 5, 6, 7, 8 AND 9 OF SAID BLOCK "A", AS SHOWN UPON THE MAP ENTITLED "MAP OF THE LANDS OF TIMOTHY PAIGE, BEING A PART OF WHAT IS KNOWN AS THE BRAYTON TRACT, SONOMA COUNTY, CAL.", SAID POINT OF BEGINNING BEING THE SOUTHEAST CORNER OF LOT NINE IN SAID BLOCK "A"; RUNNING THENCE NORTH 0° 2' EAST, 1818.0 FEET TO A STAKE; THENCE WESTERLY AND PARALLEL WITH THE CENTERLINE OF SAID BRAYTON AVENUE, 337.65 FEET; THENCE SOUTH AND PARALLEL WITH THE CENTER LINE OF SAID 30-FOOT ROAD TO THE CENTER LINE OF SAID BRAYTON AVENUE; THENCE EAST ALONG THE CENTER LINE OF SAID BRAYTON AVENUE, A DISTANCE OF 337.65 FEET TO THE PLACE OF BEGINNING.

AND FURTHER EXCEPTING THEREFROM THAT PORTION THEREOF AS CONVEYED IN THE DEED TO SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT BY DEED RECORDED JANUARY 24, 1966 IN BOOK 2183 OF OFFICIAL RECORDS, PAGE 770, SERIAL NO. J-80592, SONOMA COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEASTERN CORNER OF THE REAL PROPERTY OF GRANTOR DESCRIBED IN THE FIRST TRACT IN AN INSTRUMENT RECORDED IN BOOK 1447 AT PAGE 468 OF OFFICIAL RECORDS OF SONOMA COUNTY, CALIFORNIA, SAID POINT HAVING COORDINATES OF Y=268.612.85 AND X=1.790.158.28; THENCE ALONG THE SOUTHERN BOUNDARY OF SAID REAL PROPERTY OF GRANTOR, NORTH 89° 40' 40" WEST, 701.35 FEET TO A POINT ON THE SOUTHERN BOUNDARY OF TRACT TWO, DESCRIBED IN THE ABOVEMENTIONED RECORDED INSTRUMENT, SAID POINT BEING THE TRUE POINT OF BEGINNING OF THE PARCEL OF LAND TO BE HEREIN DESCRIBED; THENCE FROM SAID TRUE POINT OF BEGINNING CONTINUING ALONG SAID

SOUTHERN BOUNDARY OF SAID TRACT TWO, NORTH 89° 40' 40" WEST, 92.24 FEET; THENCE LEAVING SAID SOUTHERN BOUNDARY AT RIGHT ANGLES NORTH 0° 19' 20" EAST, 66.00 FEET; THENCE NORTH 50° 29' 20" EAST, 35.56 FEET; THENCE ALONG A TANGENT CURVE TO THE RIGHT HAVING A RADIUS OF 115.00 FEET THROUGH AN ANGLE OF 24° 00' 00" A DISTANCE OF 49.74 FEET; THENCE ALONG A LINE PARALLEL TO AND 151.00 FEET NORTHERLY OF THE SOUTHERN BOUNDARY OF SAID REAL PROPERTY OF GRANTOR, SOUTH 89° 40' 40" EAST, 555.68 FEET TO THE EASTERN BOUNDARY OF THE HEREINABOVE MENTIONED TRACT ONE; THENCE ALONG SAID EASTERN BOUNDARY, SOUTH 9° 39' 52" EAST, 85.01 FEET; THENCE ALONG A LINE PARALLEL TO AND 66.00 FEET NORTHERLY OF THE SOUTHERN BOUNDARY OF SAID REAL PROPERTY OF GRANTOR NORTH 89° 40' 40" WEST, 547.49 FEET; THENCE ALONG A TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 170.00 FEET THROUGH AN ANGLE OF 32° 53' 44" A DISTANCE OF 97.60 FEET; THENCE SOUTH 57° 25' 36" WEST, 71.33 FEET TO THE TRUE POINT OF BEGINNING OF THE PARCEL OF LAND HEREIN DESCRIBED.

PARCEL TWO:

COMMENCING IN THE MIDDLE OF BRAYTON AVENUE AT THE SOUTHWEST CORNER OF LOT 12 OF A TRACT OF LAND KNOWN AS THE DAVID HIRSHFELD TRACT; THENCE RUNNING NORTH ALONG THE WEST LINE OF SAID LOT 12, A DISTANCE OF 29.52 CHAINS; THENCE AT RIGHT ANGLES EASTERLY 10 CHAINS TO THE EAST LINE OF SAID LOT 12; THENCE SOUTHERLY ALONG SAID EAST LINE, 29.52 CHAINS TO THE SOUTHEAST CORNER OF SAID LOT 12 IN THE MIDDLE OF SAID BRAYTON AVENUE; THENCE WEST ALONG THE MIDDLE OF BRAYTON AVENUE, TO THE POINT OF COMMENCEMENT, BEING THE SAME LAND CONVEYED TO J. F. HINER BY ALBERT FILLIAN AND WIFE, BY DEED DATED APRIL 22, 1903 AND RECORDED IN BOOK 206 OF DEEDS, AT PAGE 200, SONOMA COUNTY, RECORDS.

EXCEPTING FROM THE ABOVE TRACTS, THAT PORTION CONTAINED IN THE DEED FROM ALEXANDER D. KONKIN AND MARY L. KONKIN, TO SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, DATED JULY 15, 1965 AND RECORDED JANUARY 24, 1966 IN BOOK 2183 OF OFFICIAL RECORDS, PAGE 770, SERIAL NO. J-80592.

EXCEPTING THEREFROM THAT PORTION CONTAINED IN THE DEED FROM ALEXANDER D. KONKIN AND MARY L. KONKIN, TO SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, DATED JULY 14, 1966 AND RECORDED AUGUST 30, 1966 IN BOOK 228 OF OFFICIAL RECORDS, PAGE 694, SERIAL NO. K-10597.

THE FOLLOWING PARCEL IS DESCRIBED FOR CONVENIENCE ONLY, AND MAY BE INCLUDED IN CONVEYING DOCUMENTS; BUT CANNOT BE INCLUDED IN A POLICY OF TITLE INSURANCE.

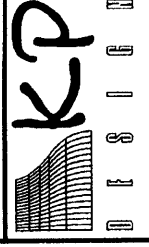
PARCEL THREE:

THOSE CERTAIN ACCESS EASEMENT RIGHTS AS RESERVED IN THAT GRANT DEED FROM ALEXANDER D. KONKIN, ET UX, TO SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, DATED JULY 15, 1965 AND RECORDED JANUARY 24, 1966 IN THE OFFICE OF THE SONOMA COUNTY RECORDER IN BOOK 2183 OF OFFICIAL RECORDS, AT PAGE 770, SONOMA COUNTY RECORDS.

And otherwise known as: 599 Bellevue Avenue, Santa Rosa CA 95407

APN: 134-042-032

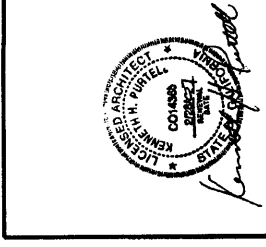
MetroPCS
 1080 MARINA VILLAGE PKWY.,
 4TH FLOOR
 ALAMEDA, CA 94501
 PH: (510) 523-2683
 FAX: (510) 748-1823



141 Stanford Ave.
 Menlo Park, CA 94025

Tel (650) 854-9897
 Fax (650) 854-9763

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APR 11 06 99
 KIP
 ARCHITECT



PROJECT: SF13130A

DRAWN BY:

CHECKED BY:

CAD FILE:

SUBMITTALS

3	06/02/05	DSA APPROVED
2	03/03/05	DSA REVIEW SET
1	02/08/05	90% CD REVIEW

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY METROPCS. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO METROPCS IS STRICTLY PROHIBITED.

SITE
SF13130A
ELSIE ALLEN
HIGH SCHOOL
 599 BELLEVUE ROAD
 SANTA ROSA, CA 95407
 SONOMA COUNTY

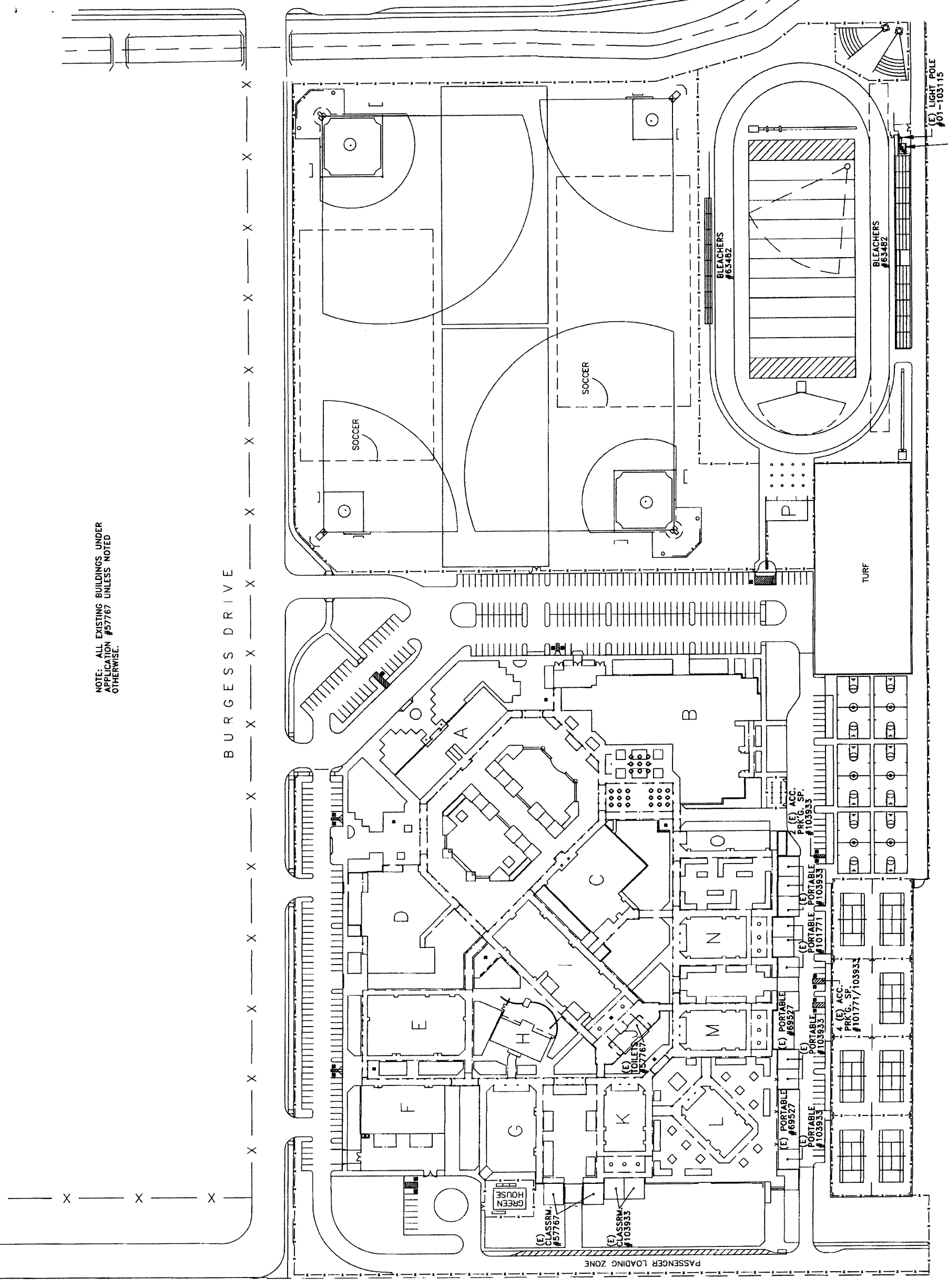
SHEET TITLE
SCHOOL SITE PLAN
W/ DSA APPLICATION
NUMBERS

SHEET NUMBER
A-0

NOTE: ALL EXISTING BUILDINGS UNDER APPLICATION #57767 UNLESS NOTED OTHERWISE.

BURGESS DRIVE

BELLEVUE AVE



1 SITE PLAN W/ DSA APPLICATION NUMBERS
 A0
 NO SCALE

(E) LIGHT POLE #01-103115
 (N) METROPCS OUTDOOR EQUIPMENT ANTENNAS ON (E) LIGHTPOLE

LOCAL FIRE AUTHORITY REVIEW

- ACCESS ROADS AND GATE ENTRANCES ARE IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS SUBCHAPTER 1, ARTICLE 3.05 (ACCESS ROADS) AND ARTICLE 3.16 (GATE ENTRANCES) TO SCHOOL SITES.
- FIRE FLOW, FIRE HYDRANT LOCATION AND DISTRIBUTION ARE IN ACCORDANCE WITH CALIFORNIA FIRE CODE, APPENDIX III-AA (FIRE FLOW) AND APPENDIX III-BB (HYDRANT LOCATIONS)

LOCAL FIRE AUTHORITY: _____ CITY/STATE/ZIP _____
 ADDRESS: _____ PHONE NUMBER: _____ DATE: _____
 APPROVAL ISSUED BY: _____ COMMENTS: _____

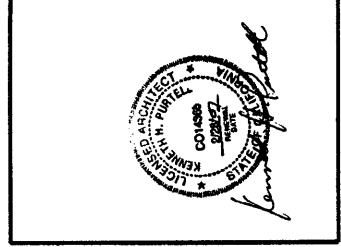
A VET SIGNATURE ABOVE SIGNIFIES THAT THE LOCAL FIRE AUTHORITY WAS CONSULTED REGARDING ACCESS ROADS, GATES IN PERIMETER FENCES, LOCATION OF FIRE HYDRANTS, FIRE FLOW, FIRE HYDRANT LOCATIONS, FIRE PROTECTION, FIRE PROTECTION METHODS AND SPECIFICATIONS ARE CONSIDERED ADEQUATE.

MetroPCS
 1080 MARINA VILLAGE PKWY.,
 4TH FLOOR
 ALAMEDA, CA 94501
 PH: (510) 523-2683
 FAX: (510) 748-1823



141 Stanford Ave.
 Menlo Park, CA 94025
 Tel (650) 854-9897
 Fax (650) 854-3763

IDENTIFICATION NUMBER:
 DIVISION OF THE STATE ARCHITECT
 REG 106929
 AS: [Signature]
 DATE: [Signature]



PROJECT: SF13130A
 DRAWN BY:
 CHECKED BY:
 CAD FILE:

SUBMITTALS

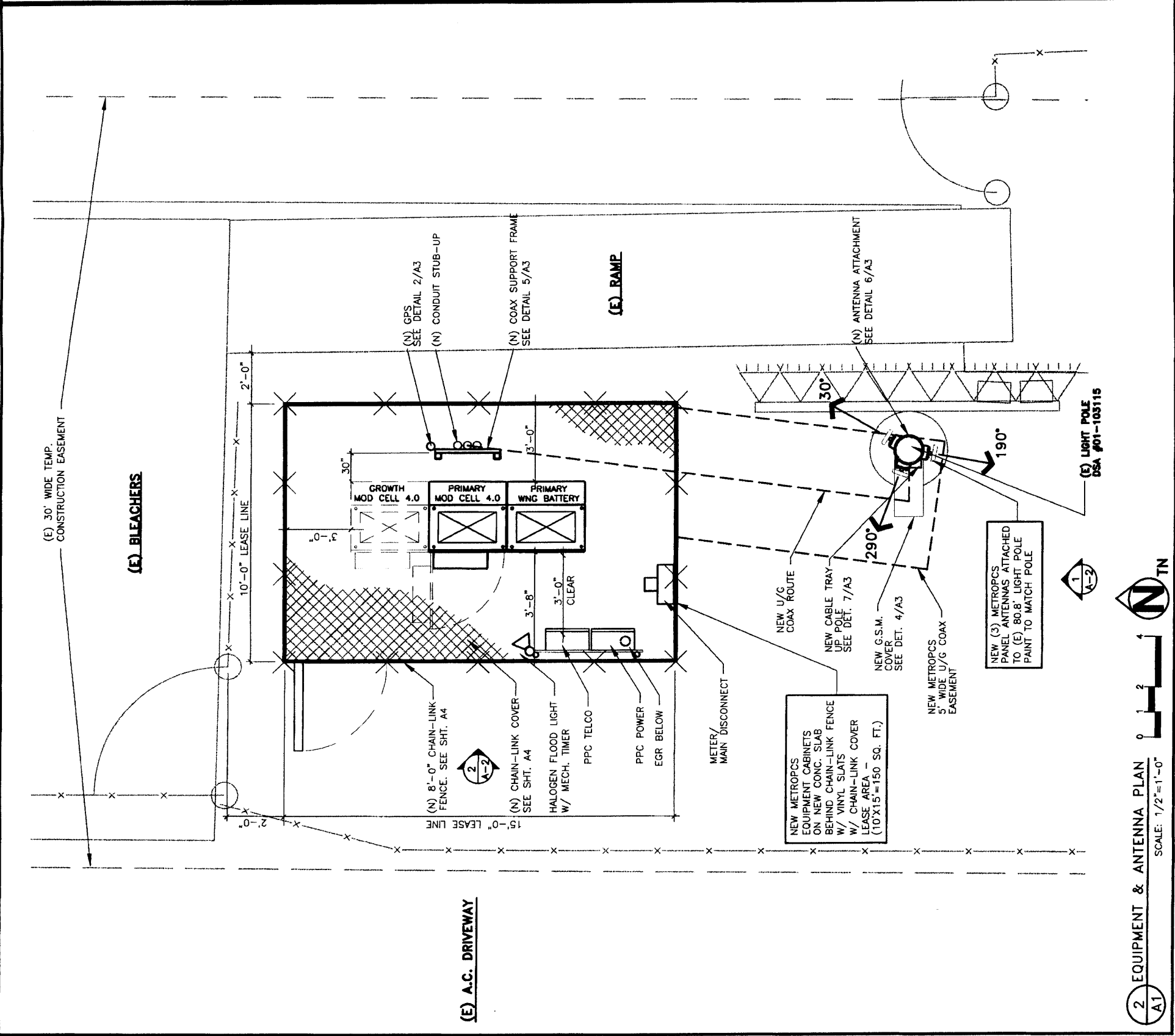
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2	03/03/05	DSA REVIEW SET
1	02/06/05	90% CD REVIEW

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PREPARED BY METROPCS OR DISCLOSED OTHER THAN THAT WHICH RELATES TO METROPCS IS STRICTLY PROHIBITED.

SITE: SF13130A
 ELSIE ALLEN HIGH SCHOOL
 599 BELLEVUE ROAD
 SANTA ROSA, CA 95407
 SONOMA COUNTY

SHEET TITLE
**SITE PLANS
 EQUIP. & ANTENNA
 PLAN**

SHEET NUMBER
A-1



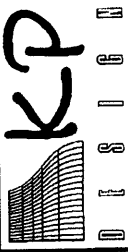
2 EQUIPMENT & ANTENNA PLAN
 SCALE: 1/2"=1'-0"
 A1

1 PARTIAL SITE PLAN
 SCALE: 1"=20'-0"
 A1



[Handwritten signature]

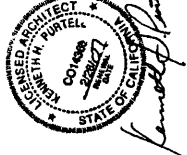
MetroPCS
1080 MARINA VILLAGE PKWY.,
4TH FLOOR
ALAMEDA, CA 94501
PH: (510) 523-2683
FAX: (510) 748-1823



141 Standard Ave.
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Tel (850) 854-9887
Fax (850) 854-9763

REGISTERED ARCHITECT
NO. 106929
DATE: 3/30/05



PROJECT: SF13130A

DRAWN BY:

CHECKED BY:

CAD FILE:

SUBMITTALS

2	03/03/05	DSA REVIEW SET
1	02/08/05	90% CD REVIEW

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SITE
SF13130A
ELSIE ALLEN
HIGH SCHOOL
599 BELLEVUE ROAD
SANTA ROSA, CA 95407
SONOMA COUNTY

SHEET TITLE
**SITE PLANS
EQUIP. & ANTENNA
PLAN**

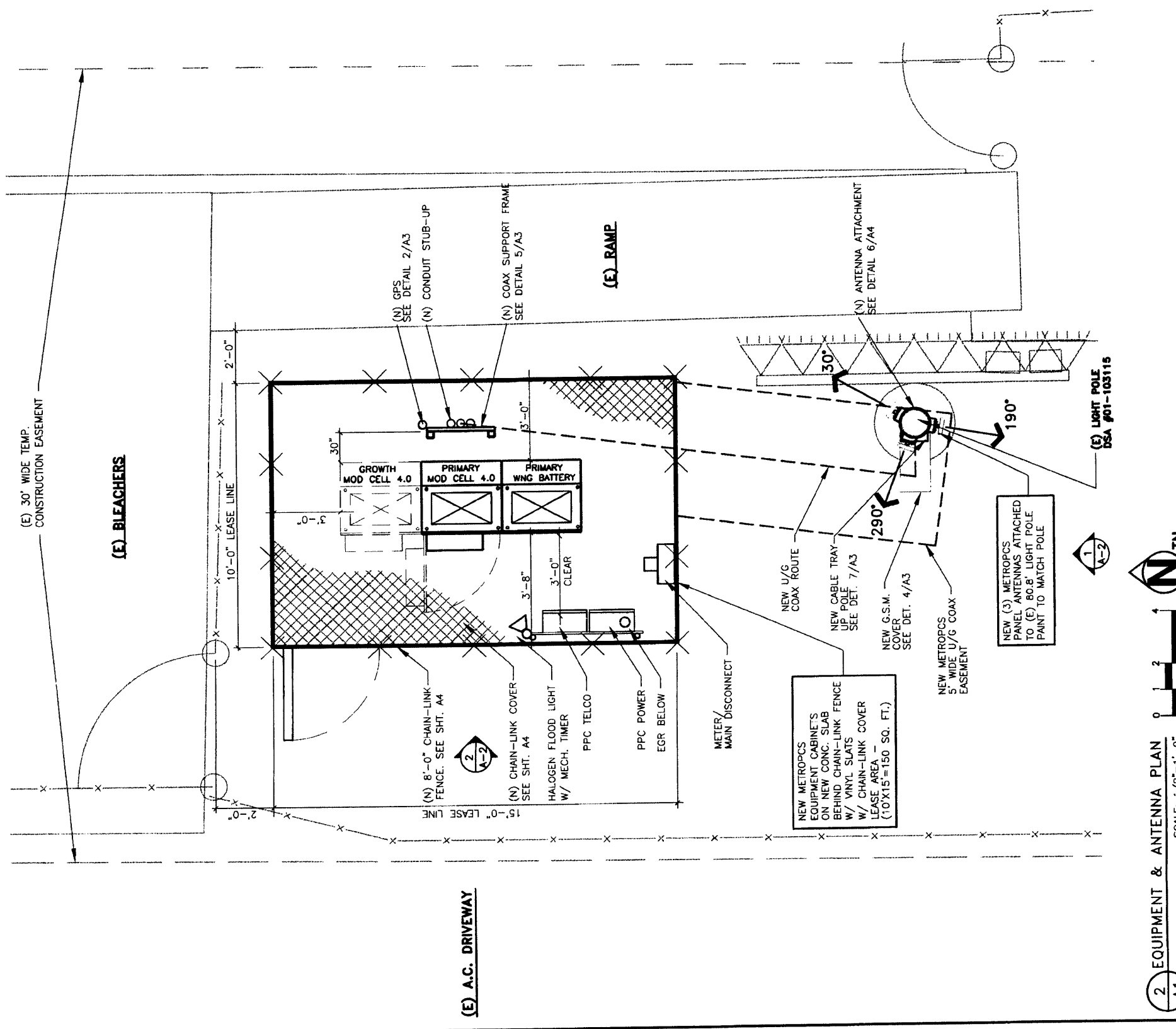
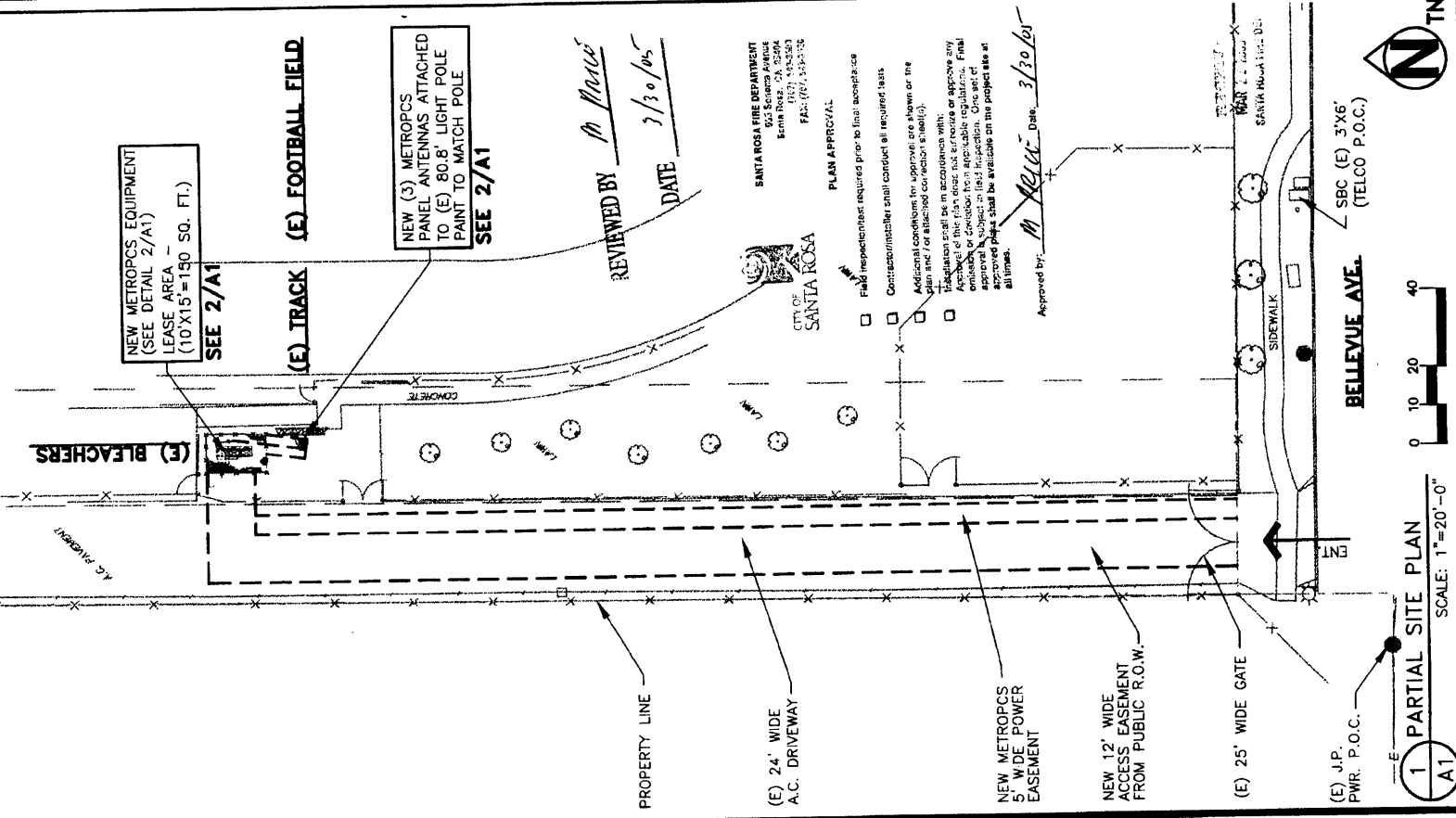
SHEET NUMBER
A-1a

LOCAL FIRE AUTHORITY REVIEW

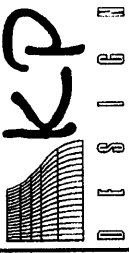
- ACCESS ROADS AND GATE ENTRANCES ARE IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS SUBCHAPTER 1, ARTICLE 316 (ACCESS ROADS) AND ARTICLE 316 (GATE ENTRANCES) TO SCHOOL SITES.
- FIRE FLOW, FIRE HYDRANT LOCATION AND DISTRIBUTION ARE IN ACCORDANCE WITH CALIFORNIA FIRE CODE, APPENDIX III-AA (FIRE FLOW) AND APPENDIX III-BB (HYDRANT LOCATIONS).

LOCAL FIRE AUTHORITY:
SANTA ROSA FIRE DEPT
ADDRESS: *555 SANTA ROSA CITY/STATE ST, SANTA ROSA, CA 95407*
PHONE NUMBER: *549-5350*
APPROVAL ISSUED BY: *[Signature]*
COMMENTS:

A WET SIGNATURE ABOVE SIGNIFIES THAT THE LOCAL FIRE AUTHORITY HAS CONSIDERED THE PROPOSED ACCESS ROADS, GATES IN PERIMETER FENCE, LIGHTING, FIRE FLOW, FIRE DEPARTMENT CONNECTIONS, HYDRANT LOCATIONS AND FIRE PROTECTION METHODS INDICATED ON PLANS AND IN SPECIFICATIONS ARE CONSIDERED ADEQUATE.



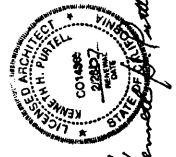
MetroPCS
 1080 MARINA VILLAGE PKWY.,
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 PH: (510) 523-2683
 FAX: (510) 748-1823



141 Stanford Ave.
 Menlo Park, CA 94026

Tel (650) 854-3887
 Fax (650) 854-3753

REGISTERED PROFESSIONAL ARCHITECT
 No. 108929
 State of California
 License No. 108929



PROJECT: SF13130A

DRAWN BY:

CHECKED BY:

CAD FILE:

SUBMITTALS

3	09/02/05	DSA APPROVED
2	03/03/05	DSA REVIEW SET
1	02/08/05	SCD CD REVIEW

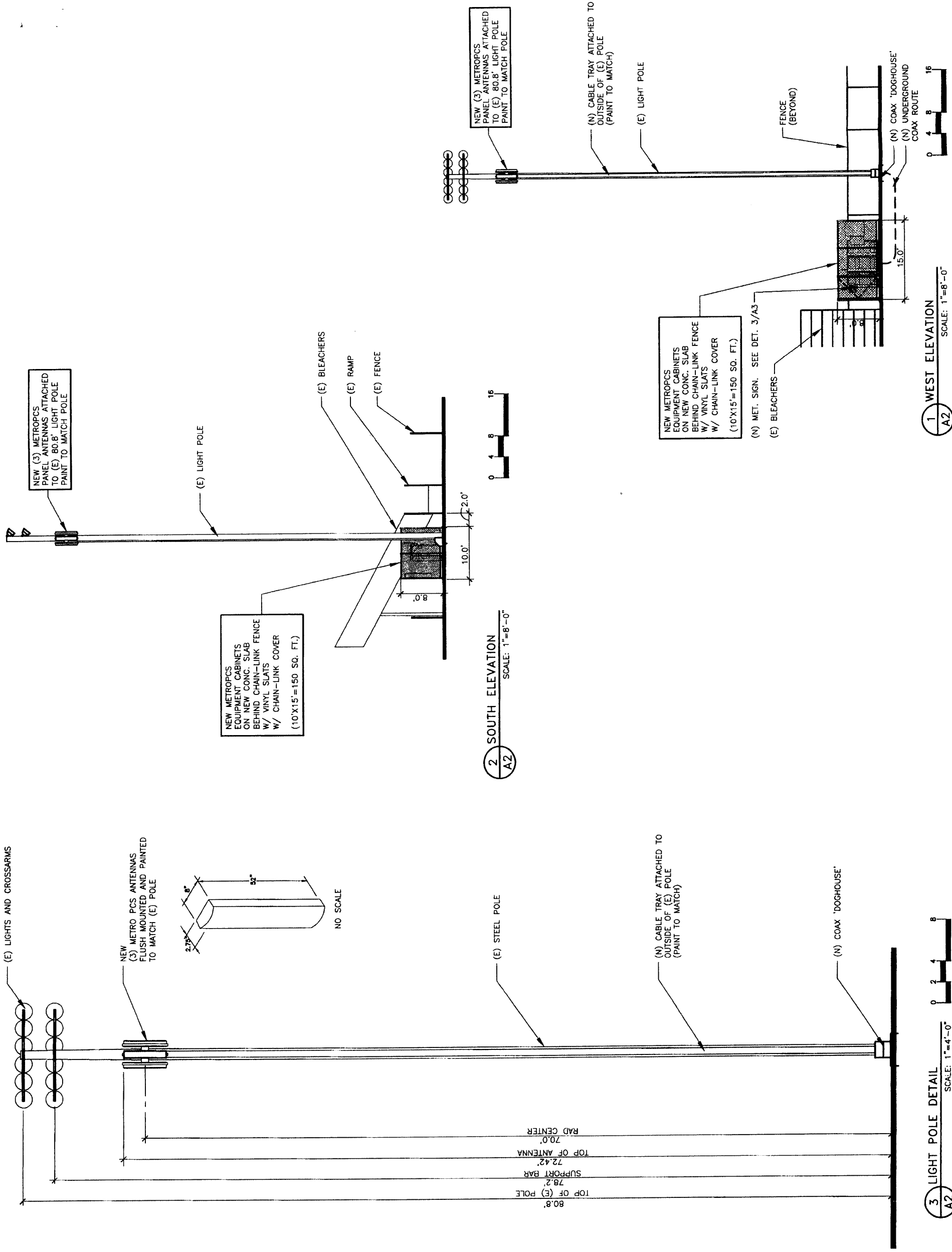
USE INFORMATION CONTAINED IN THIS SET OF DRAWINGS AS A GUIDE ONLY. NO LIABILITY FOR DISCREPANCY OR OMISSIONS OTHER THAN THAT WHICH RELATES TO METRO PCS IS STRICTLY PROHIBITED.

SITE
 SF13130A
 ELSIE ALLEN
 HIGH SCHOOL
 599 BELLEVUE ROAD
 SANTA ROSA, CA 95407
 SONOMA COUNTY

SHEET TITLE
 ELEVATIONS

SHEET NUMBER

A-2

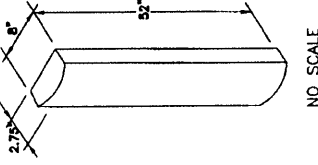


2 SOUTH ELEVATION
 SCALE: 1"=8'-0"

1 WEST ELEVATION
 SCALE: 1"=8'-0"

3 LIGHT POLE DETAIL
 SCALE: 1"=4'-0"

80.8' TOP OF (E) POLE
 78.2' SUPPORT BAR
 72.42' TOP OF ANTENNA
 70.0' RAD CENTER



NO SCALE

NEW (3) METRO PCS ANTENNAS FLUSH MOUNTED AND PAINTED TO MATCH (E) POLE

NEW METROPCS EQUIPMENT CABINETS ON NEW CONC. SLAB BEHIND CHAIN-LINK FENCE W/ VINYL SLATS W/ CHAIN-LINK COVER (10'X15'=150 SQ. FT.)

NEW METROPCS EQUIPMENT CABINETS ON NEW CONC. SLAB BEHIND CHAIN-LINK FENCE W/ VINYL SLATS W/ CHAIN-LINK COVER (10'X15'=150 SQ. FT.)
 (N) MET. SIGN. SEE DET. 3/A3
 (E) BLEACHERS

NEW (3) METROPCS PANEL ANTENNAS ATTACHED TO (E) 80.8' LIGHT POLE PAINT TO MATCH POLE

(N) CABLE TRAY ATTACHED TO OUTSIDE OF (E) POLE (PAINT TO MATCH)

(E) LIGHT POLE

FENCE (BEYOND)

(N) COAX 'DOGHOUSE'
 (N) UNDERGROUND COAX ROUTE

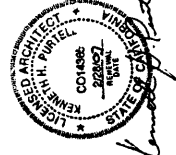
MetroPCS
1080 MARINA VILLAGE PKWY.,
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ALAMEDA, CA 94501
PH: (510) 523-2683
FAX: (510) 748-1823



141 Stanford Ave.
Menlo Park, CA 94025

Tel (650) 854-3687
Fax (650) 854-3763

REGISTERED PROFESSIONAL ENGINEER
IN THE STATE OF CALIFORNIA
NO. 106929
DATE: 12/15/05
BY: [Signature]



PROJECT: SF13130A

DRAWN BY:

CHECKED BY:

CAD FILE:

SUBMITTALS

3	06/02/05	DSA APPROVED
2	03/03/05	DSA REVIEW SET
1	02/02/05	90% CD REVIEW

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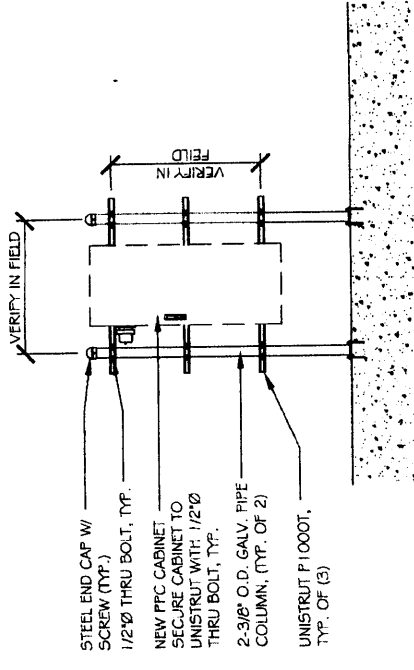
SITE
SF13130A
ELSIE ALLEN
HIGH SCHOOL
589 BELLEVUE ROAD
SANTA ROSA, CA 95407
SONOMA COUNTY

SHEET TITLE

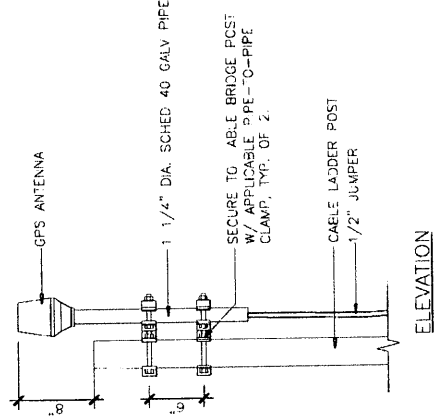
DETAILS

SHEET NUMBER

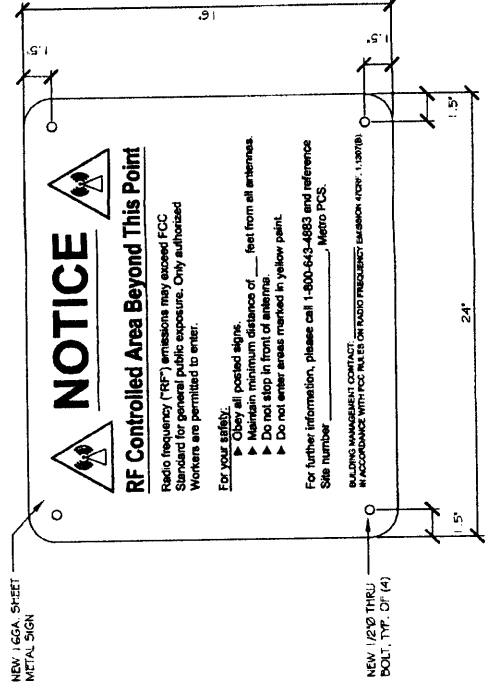
A-3



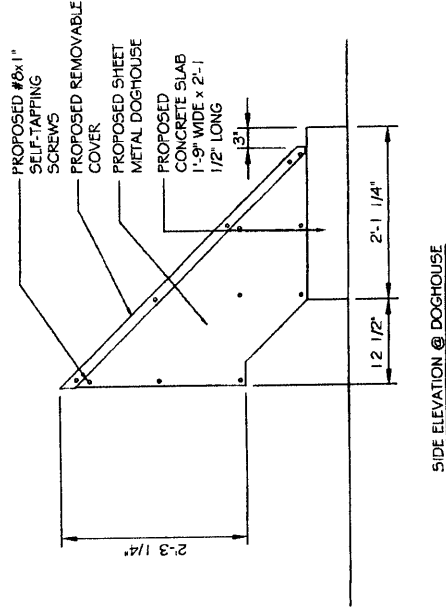
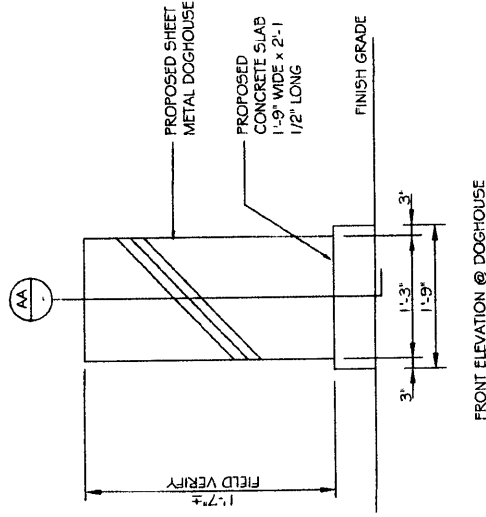
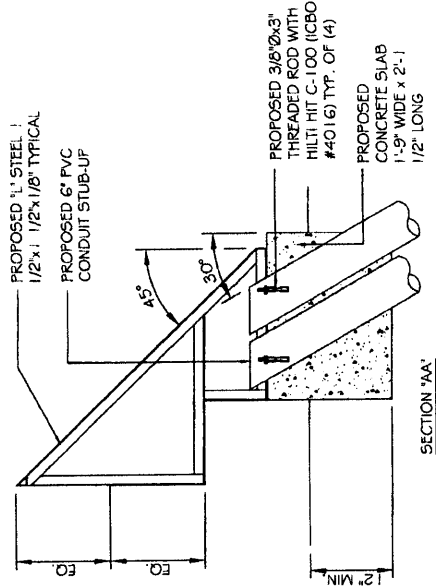
1 PPC CABINET MOUNTING
SCALE: NONE



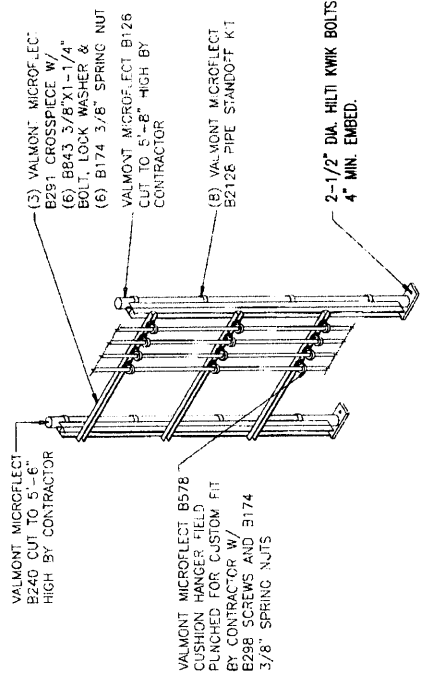
2 GPS ANTENNA
SCALE: NONE



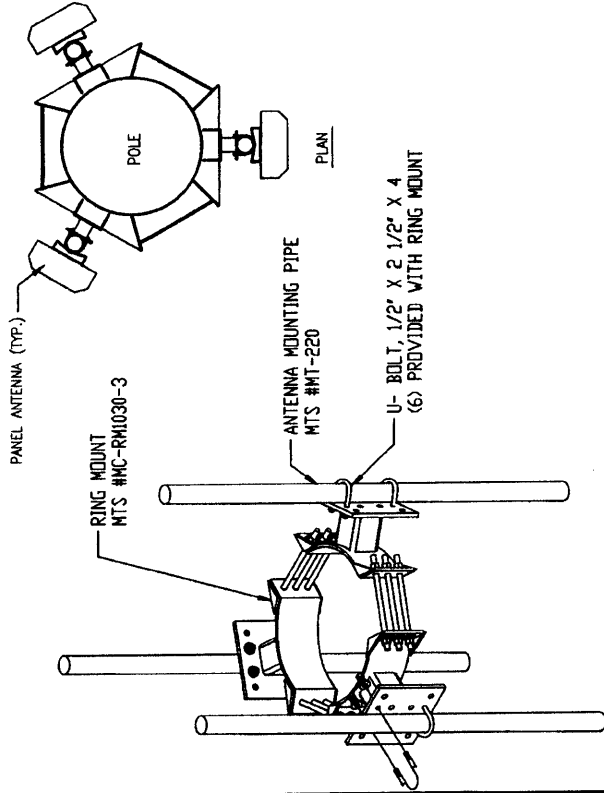
3 METAL SIGN DETAIL
SCALE: N.T.S.



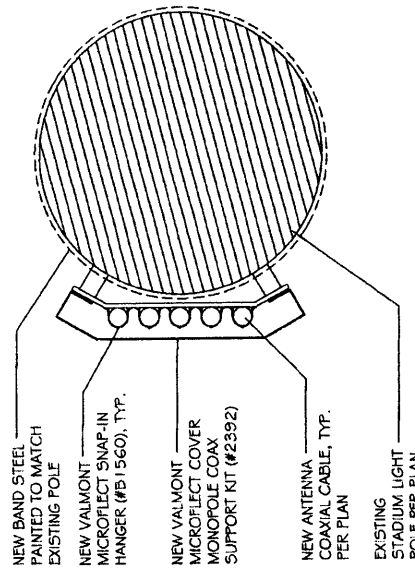
4 DOGHOUSE DETAILS
SCALE: N.T.S.



5 COAX SUPPORT FRAME @ EQUIPMENT
SCALE: N.T.S.

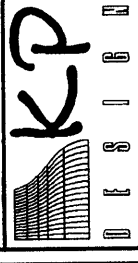


6 ANTENNA ATTACHMENT
SCALE: N.T.S.



7 COVERED COAX SUPPORT KIT
SCALE: N.T.S.

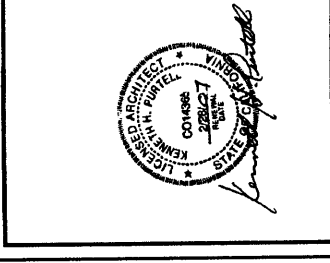
MetroPCS
 1080 MARINA VILLAGE PKWY.,
 4TH FLOOR
 ALAMEDA, CA 94501
 PH: (510) 523-2683
 FAX: (510) 748-1823



141 Stanford Ave.
 Menlo Park, CA 94026

Tel (650) 864-3887
 Fax (650) 864-3785

REGISTERED ARCHITECT
 No. 106939
 K & P ARCHITECTS
 DATE 5/15/05



PROJECT: SF13130A

DRAWN BY:

CHECKED BY:

CAD FILE:

SUBMITTALS

3	06/02/05	DSA APPROVED
2	03/03/05	DSA REVIEW SET
1	02/06/05	90% CD REVIEW

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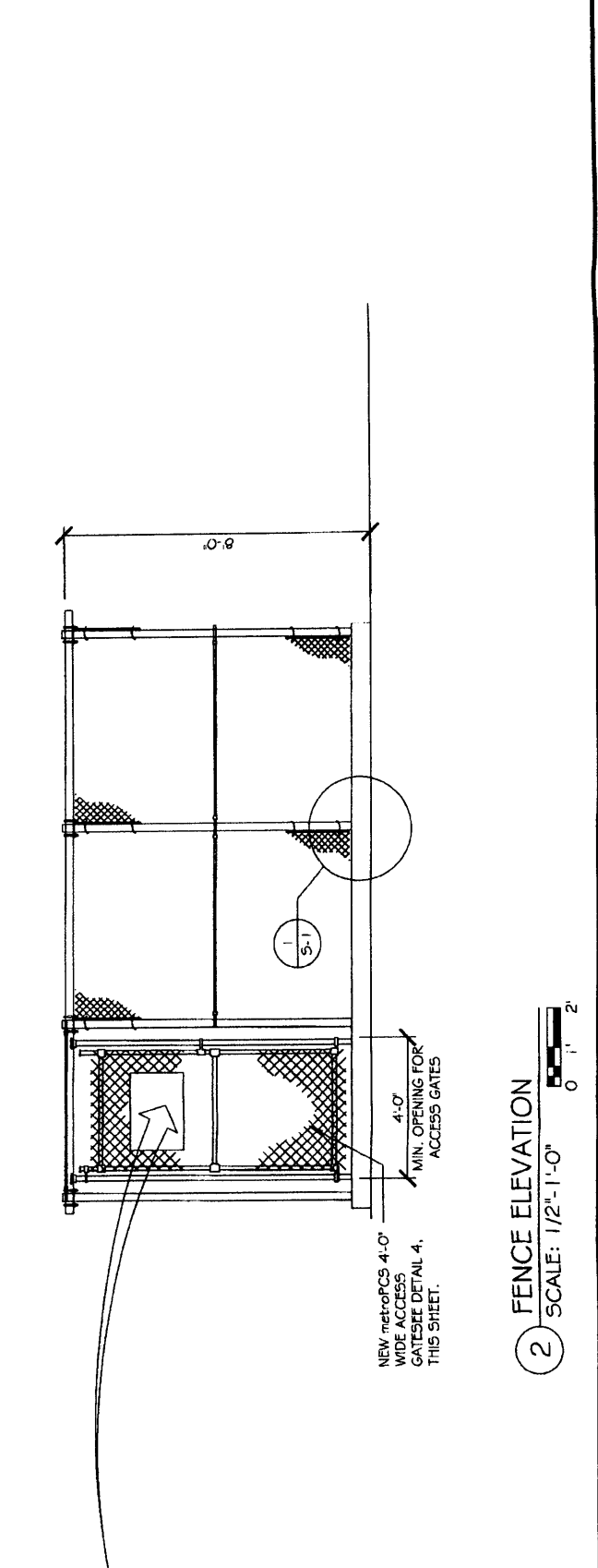
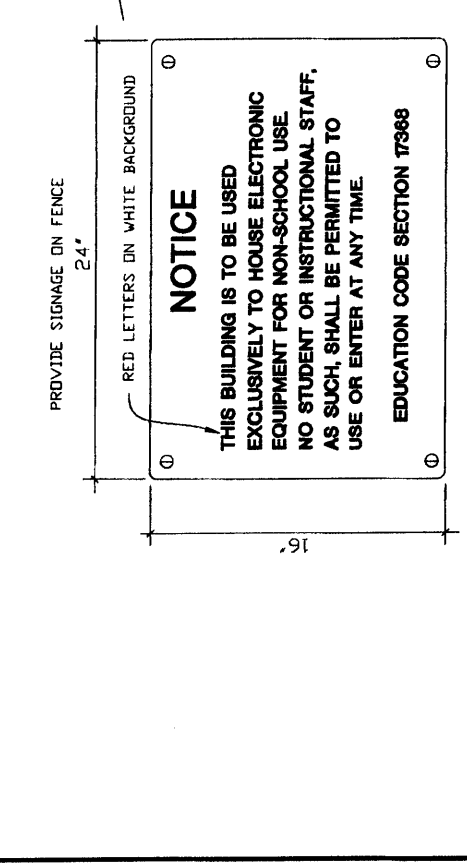
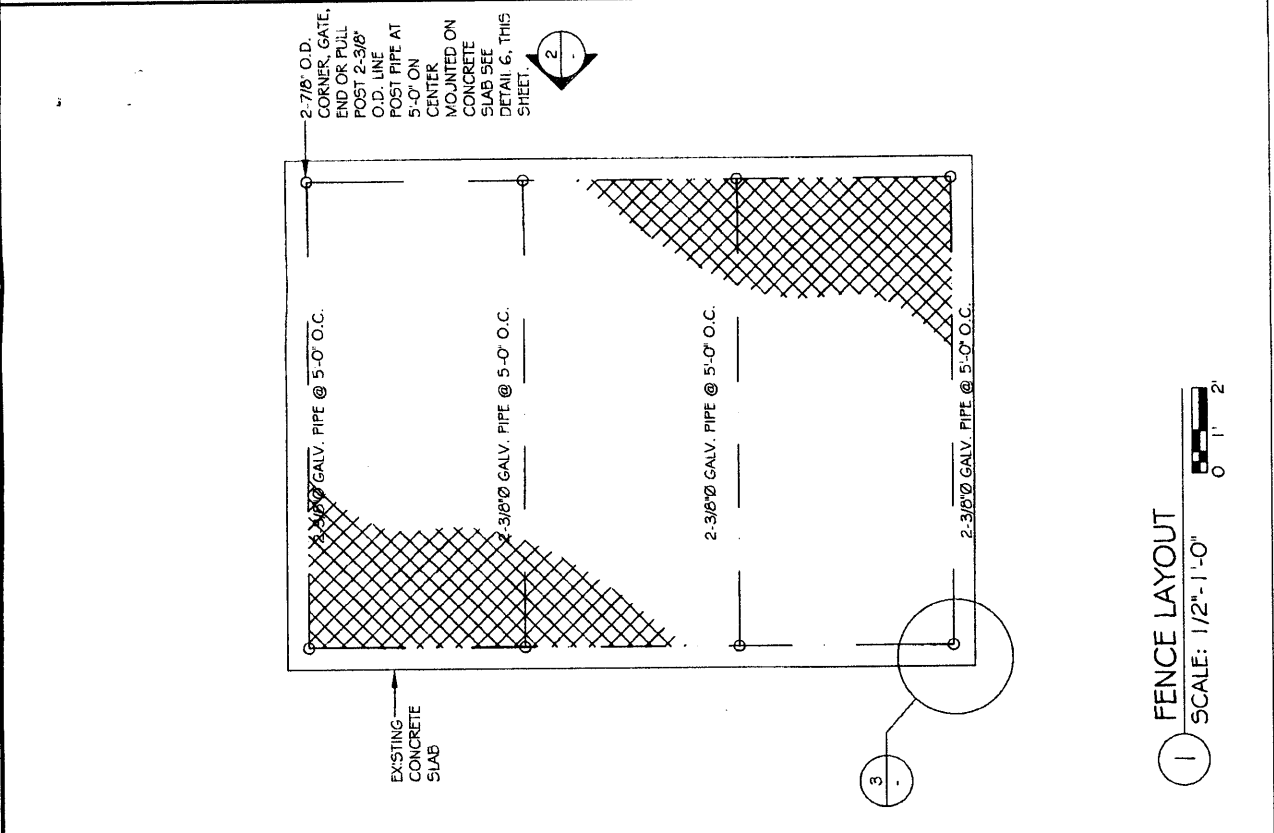
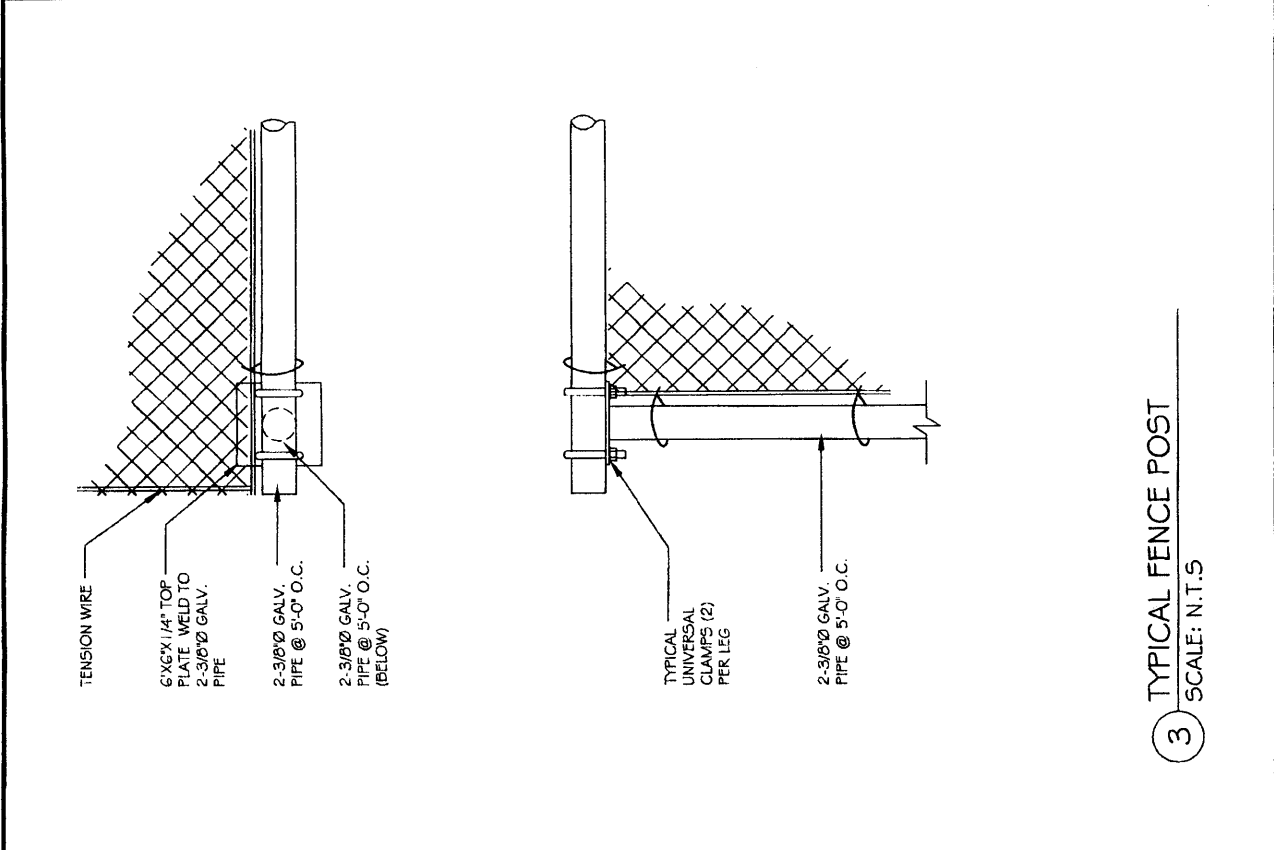
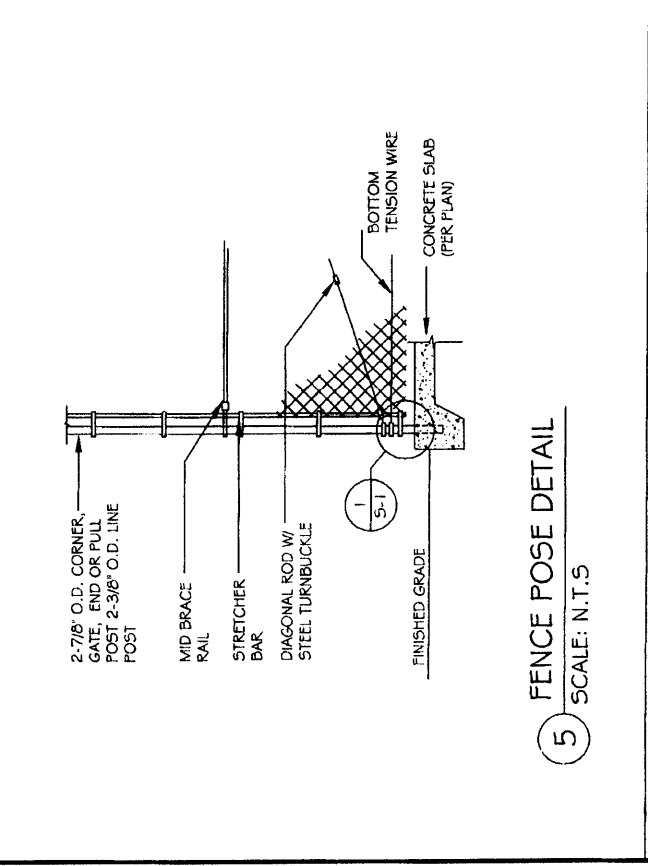
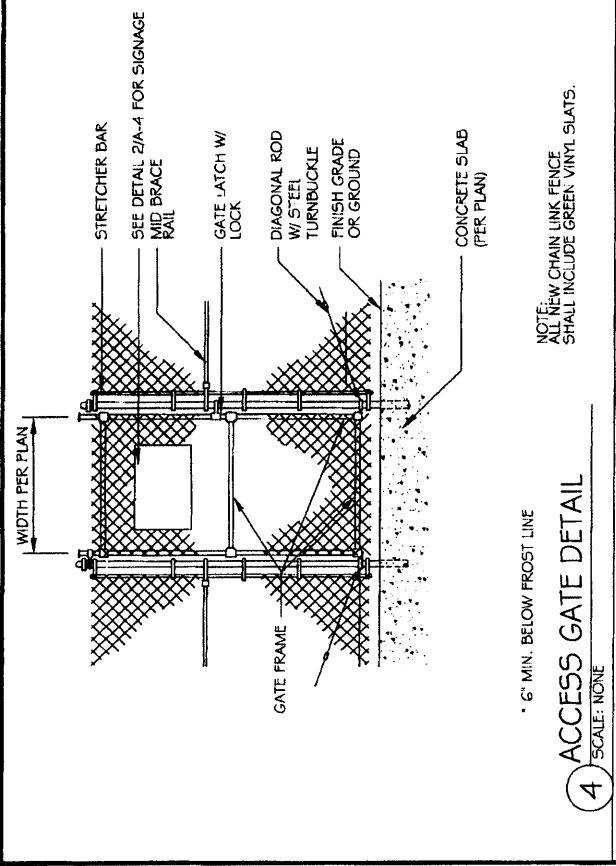
SITE
 SF13130A
 ELSIE ALLEN
 HIGH SCHOOL
 599 BELLEVUE ROAD
 SANTA ROSA, CA 95407
 SONOMA COUNTY

SHEET TITLE

DETAILS

SHEET NUMBER

A-4



PROVIDE SIGNAGE ON FENCE
 24"

RED LETTERS ON WHITE BACKGROUND

NOTICE

THIS BUILDING IS TO BE USED EXCLUSIVELY TO HOUSE ELECTRONIC EQUIPMENT FOR NON-SCHOOL USE. NO STUDENT OR INSTRUCTIONAL STAFF, AS SUCH, SHALL BE PERMITTED TO USE OR ENTER AT ANY TIME.

EDUCATION CODE SECTION 17368

GENERAL NOTES

- GENERAL**
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PROJECT DOCUMENTS.
 - THE PROJECT DOCUMENTS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, DETAILS OF A CHARACTER SIMILAR TO THOSE SHOWN SHALL BE USED SUBJECT TO REVIEW.
 - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK ON STRUCTURAL DRAWINGS.
 - SEE ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS SHOWN ON STRUCTURAL DRAWINGS.
 - PROVISIONS FOR OPENINGS NOT SHOWN OR NOT DETAILED ON THE STRUCTURAL DRAWINGS THAT PENETRATE STRUCTURAL ELEMENTS SHALL BE SUBJECT TO REVIEW.
 - FRAME OPENINGS AND SUPPORT MISCELLANEOUS EQUIPMENT AS DETAILED ON THE DRAWINGS. AFFECTS STRUCTURAL ELEMENTS SHALL BE SUBJECT TO REVIEW.
 - DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORKERS AND THE PUBLIC. ALL NECESSARY SAFETY MEASURES, INCLUDING BRACING AND GUTS IN ACCORDANCE WITH ALL APPLICABLE SAFETY ORDINANCES, SHALL BE PROVIDED BY THE CONTRACTOR. BRACES AND RELATED CONNECTORS AND SUPPORTS SHALL BE PROVIDED BY THE CONTRACTOR.
 - DURING DEMOLITION, CONTRACTOR SHALL USE EXTREME CARE TO MAINTAIN STRUCTURAL INTEGRITY OF ELEMENTS AFFECTED BY REMOVAL OF ADJACENT STRUCTURAL AND NON-STRUCTURAL MATERIALS.
 - DETAILING SHOWN IS BASED ON BEST PRESENT KNOWLEDGE OF EXISTING CONDITIONS. WHERE CONDITIONS ARE UNCOVERED DURING DEMOLITION OR CONSTRUCTION THAT DIFFER FROM WHAT HAS BEEN SHOWN OR THAT REQUIRE MODIFICATION OF DETAILING SHOWN, SUCH DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE WORK.

- SPECIAL INSPECTION**
- WHERE SPECIAL INSPECTION IS REQUIRED, THE QUALIFICATIONS OF THE SPECIAL INSPECTORS SHALL BE SUBMITTED FOR REVIEW.
 - THE SAME INSPECTORS SHALL BE USED THROUGHOUT THE PROJECT FOR EACH ELEMENT REQUIRING SPECIAL INSPECTION TO ASSURE THE CONTINUITY OF INSPECTION.
 - SPECIAL INSPECTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2001 CBC SECTION 1703A.
 - THE FOLLOWING SPECIAL INSPECTIONS ARE REQUIRED:
 - CONCRETE: DURING THE TAKING OF TEST SPECIMENS & PLACING OF REINFORCED CONC B. BOLTS INSTALLED IN CONCRETE. PRIOR TO AND DURING THE PLACEMENT OF CONCRETE OR BRUT AROUND BOLTS; PRIOR TO AND DURING THE PLACEMENT OF EXPANSION ANCHORS OR EPOXY ANCHORS.
 - REINFORCING STEEL: DURING PLACING OF REINFORCING STEEL FOR ALL CONCRETE REQUIRED TO HAVE SPECIAL INSPECTION.

- TESTING**
- THE OWNER'S TESTING AGENCY SHALL PROVIDE TESTING OF MATERIALS AS REQUIRED. COPIES OF TEST REPORTS SHALL BE PROVIDED FOR THE OWNER, ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR AND USA.
 - TESTING SHALL BE PROVIDED BY THE TESTING AGENCY FOR THE FOLLOWING:
 - CONCRETE: TAKE ONE SET OF THREE TEST SPECIMENS FOR EACH BATCH PLACED, BUT NOT LESS THAN ONE SET FOR EACH 50 CUBIC YARDS TEST ONE SPECIMEN FROM EACH SET AT 7 DAYS AND THE REMAINING TWO SPECIMENS AT 28 DAYS.
 - EXPANSION ANCHORS: SEE EXPANSION ANCHOR SCHEDULE BELOW
 - REINFORCING STEEL: TEST FOR SPECIFIED TENSILE STRENGTH ONLY WHERE STEEL IS NOT PROPERLY IDENTIFIED AND MILL CERTIFICATES ARE NOT AVAILABLE

EXPANSION ANCHORS

- EXPANSION ANCHORS SHALL BE HLTI KB-11. INSTALLATION SHALL BE DONE IN STRICT CONFORMANCE TO THE MANUFACTURER'S INSTRUCTIONS. REFER TO ICBO EVALUATION REPORT E-1467, (ISSUED FEBRUARY 1, 2001).
- WORKING LOADS FOR NORMAL WEIGHT CONCRETE ARE BASED ON BOX OF THE ICBO VALUE FOR 2000 PSI MIN. CONCRETE STRENGTH AND SPECIAL INSPECTION OF BOLT INSTALLATION. WORKING LOADS WHERE BOTH SHEAR AND TENSION OCCUR SHALL BE DETERMINED BY THE RATIO OF THE ACTUAL SHEAR TO THE ALLOWABLE SHEAR PLUS 100 PERCENT OF THE TENSION TO THE ALLOWABLE TENSION/S NOT EXCEEDING 100 PERCENT FOR WIND AND SEISMIC.
- REFER TO DRAWINGS FOR SPECIFIC LOCATION, SIZE AND SPACING OF ANCHORS. REFER TO DRAWINGS FOR SPECIAL EMBEDMENT DEPTHS.
- TEST LOADS SHALL BE DONE FOR 50% OF ANCHORS. IF ANY ANCHOR FAILS TESTING ADJACENT ANCHORS. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. TESTING SHALL OCCUR AT LEAST 24 HOURS AFTER INSTALLATION OF ANCHORS BEING TESTED.
- APPLY TEST LOADS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY TEST LOAD. REACTION LOADS FROM TEST FIXTURES TO BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURES.
- THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS. HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE POINT OF FAILURE. TORQUE WRENCH METHOD: THE APPLICABLE TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS: ONE HALF TURN OF THE NUT.

MAKER	ANCHOR DIA (IN)	MINIMUM EMBED. (IN)	MINIMUM BASE CONC. THICKNESS (IN)	MINIMUM EDGE DIS-TANCE (IN)	MINIMUM SPACING (IN)	WORKING LOADS TENSION (LBS)	MINIMUM SHEAR (LBS)	INSTALLATION TEST LOAD IN TENSION (LBS)
HLTI KB1	1/4	2	3	3 3/8	4	420	320	7 840
HLTI KB1	3/8	3	4	4 7/8	5	800	840	25 1800
HLTI KB1	1/2	4	5 1/4	6 3/4	7	1400	1472	45 2600
HLTI KB1	5/8	5	6 1/2	8 1/4	8	1744	2500	85 3488
HLTI KB1	3/4	6	7 3/4	9 3/4	9 1/2	2200	5380	225 4400
HLTI KB1	1	8	10 1/2	13 1/2	12	3192	6800	325 6584

STRUCTURAL OBSERVATION

- STRUCTURAL OBSERVATION WILL BE PROVIDED AS DESCRIBED IN THE 2001 CBC SECTION 1703A.
- THE OWNER SHALL EMPLOY AN ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN OR AN ENGINEER OR ARCHITECT DESIGNATED BY THE ENGINEER RESPONSIBLE FOR THE STRUCTURAL DESIGN TO PERFORM STRUCTURAL OBSERVATION AS DEFINED IN THE 2001 CBC SECTION 1703A.
- OBSERVED DEFICIENCIES WILL BE REPORTED TO THE OWNER, ARCHITECT, SPECIAL INSPECTOR, CONTRACTOR AND THE USA. ALL DEFICIENCIES IDENTIFIED SHALL BE CORRECTED BY THE CONTRACTOR.

DESIGN CRITERIA

- 2001 CALIFORNIA BUILDING CODE (CBC).
- SEISMIC DESIGN CRITERIA FOR EQUIPMENT ANCHORAGE:
 - sp = 10; Rp = 3.0; Co = 0.44
- WIND DESIGN CRITERIA:
 - 70 MPH ZONE, EXPOSURE C

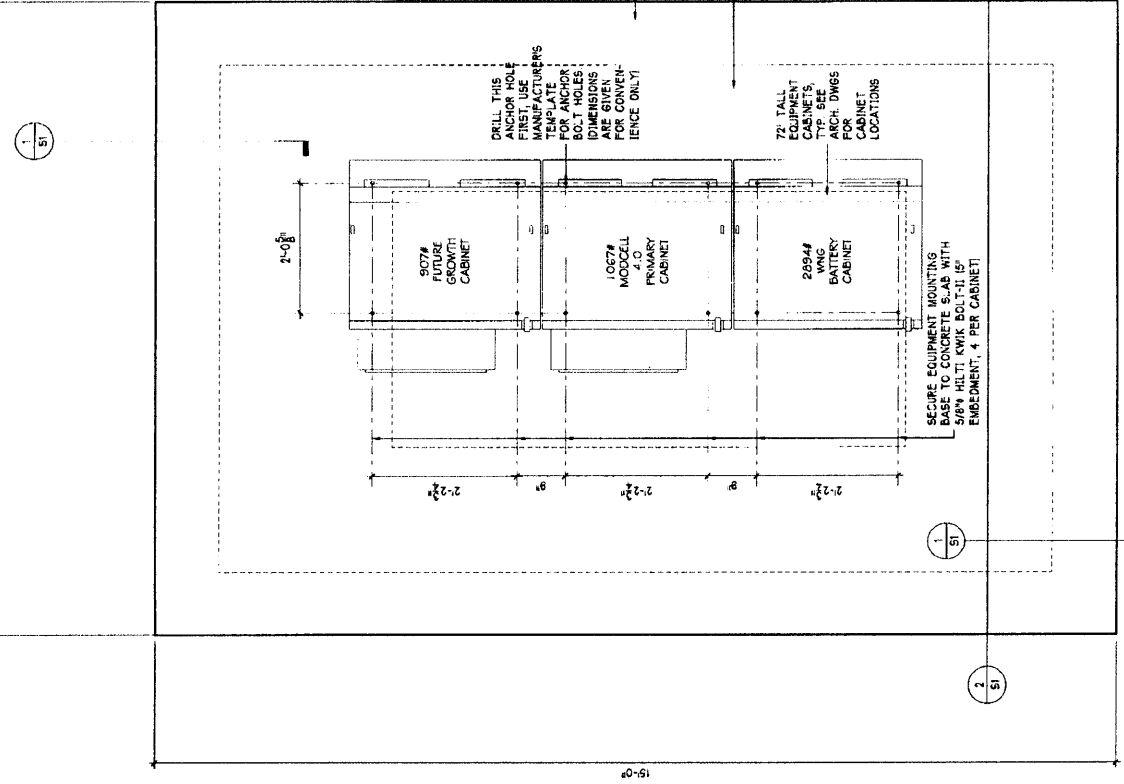
- ALL REINFORCING SHALL CONFORM TO ASTM SPECIFICATION A-85 GRADE 60.
- ALL REINFORCING STEEL SHALL BE LAP BRICED AS INDICATED. PROPOSED LAP BRICE LOCATIONS NOT SPECIFICALLY INDICATED ARE SUBJECT TO REVIEW. LAP BRICES SHALL BE STAGGERED EXCEPT AS SPECIFICALLY NOTED OTHERWISE ON PROJECT DOCUMENTS.
- SPECIAL INSPECTION PER SECTION 1703.4 OF THE 2001 CBC IS REQUIRED FOR PLACEMENT OF REINFORCING IN CONCRETE.

CONCRETE

- ALL CONCRETE SHALL BE REGULAR WEIGHT HAS PCFI WITH 28-DAY COMP. STRENGTH (F_c) = 3000 PSI.
- SPECIAL INSPECTION IS REQUIRED PER THE 2001 CBC, SECTION 1703.1 FOR ALL CONCRETE.
- CEMENT SHALL CONFORM TO ASTM C-150, TYPE II.
- AGGREGATE SHALL CONFORM TO ASTM C33 FOR NORMAL WEIGHT CONCRETE.
- SUBMIT MIX DESIGNS FOR ALL CLASSES OF CONCRETE. INDICATE LOCATION OF USE AND METHOD OF PLACEMENT FOR EACH MIX. MIXES SHALL BE PREPARED BY OR APPROVED BY QUALIFIED TESTING AGENCY PRIOR TO SUBMITTAL.
- PLACEMENT OF CONCRETE SHALL BE IN CONFORMANCE WITH REQUIREMENTS OF ACI 301.
- PIPES OTHER THAN ELECTRICAL CONDUIT UP TO 3/4" DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE. ELECTRICAL CONDUIT SHALL BE EMBEDDED IN CONCRETE. LOCATION OF CONDUIT EMBEDDED IN CONCRETE IS SUBJECT TO REVIEW. CONDUIT SPACING SHALL BE NOT LESS THAN FOUR TIMES THE SMALLEST ADJACENT CONDUIT DIAMETER.
- SEE REINFORCING STEEL NOTES AND STANDARD DETAILS FOR REINFORCING BAR REQUIREMENTS.

STEEL

- ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36S AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC. SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION.
- BOLTS SHALL CONFORM TO ASTM A307, UNLESS OTHERWISE NOTED.
- ALL STEEL (INCLUDING CONNECTORS) EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
- TOUCH UP PAINT WITH GALVANIC OR EPOXY PAINT.



A EQUIPMENT SHELTER SECTIONS AND DETAILS

3/4" x 1'-0"

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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
PH: 1 0 6 9 3 9
DATE: 10/25/05
Professional Engineer Seal for Elsie Allen, No. 22947, State of California.

PROJECT NO: SF13130A
DRAWN BY: GW
CHECKED BY: GW
CAD FILE:
SUBMITTALS
1 02/09/05 80% CD REVIEW
2 06/02/05 ESA APPROVED

SITE
SF13130A
ELSIE ALLEN
HIGH SCHOOL
599 BELLEVUE ROAD
SANTA ROSA, CA 95407
SONOMA COUNTY

SHEET TITLE
EQUIPMENT PAD
GENERAL NOTES, PLANS,
SECTIONS AND DETAILS

SHEET NUMBER
S1

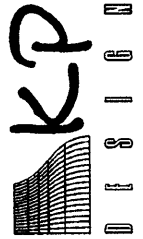
EXPANSION ANCHOR SCHEDULE

1 PARTIAL LONGITUDINAL SLAB SECTION

2 TRANSVERSE SLAB SECTION

3/4" x 1'-0"

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RANDALL LAMB
 REGISTERED ARCHITECT
 No. 11748
 STATE OF CALIFORNIA

ARE. SEA.
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 MEMBER OF THE STATE ARCHITECT
 APR 10 6 9 9 9
 R. L. Lamb
 DATE: 1/1/02

PROJECT NO: SF13130A
 DRAWN BY: RZ
 CHECKED BY: CL
 CAD FILE: SF09222.00

SUBMITTALS

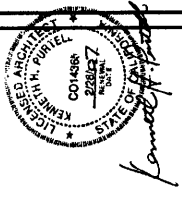
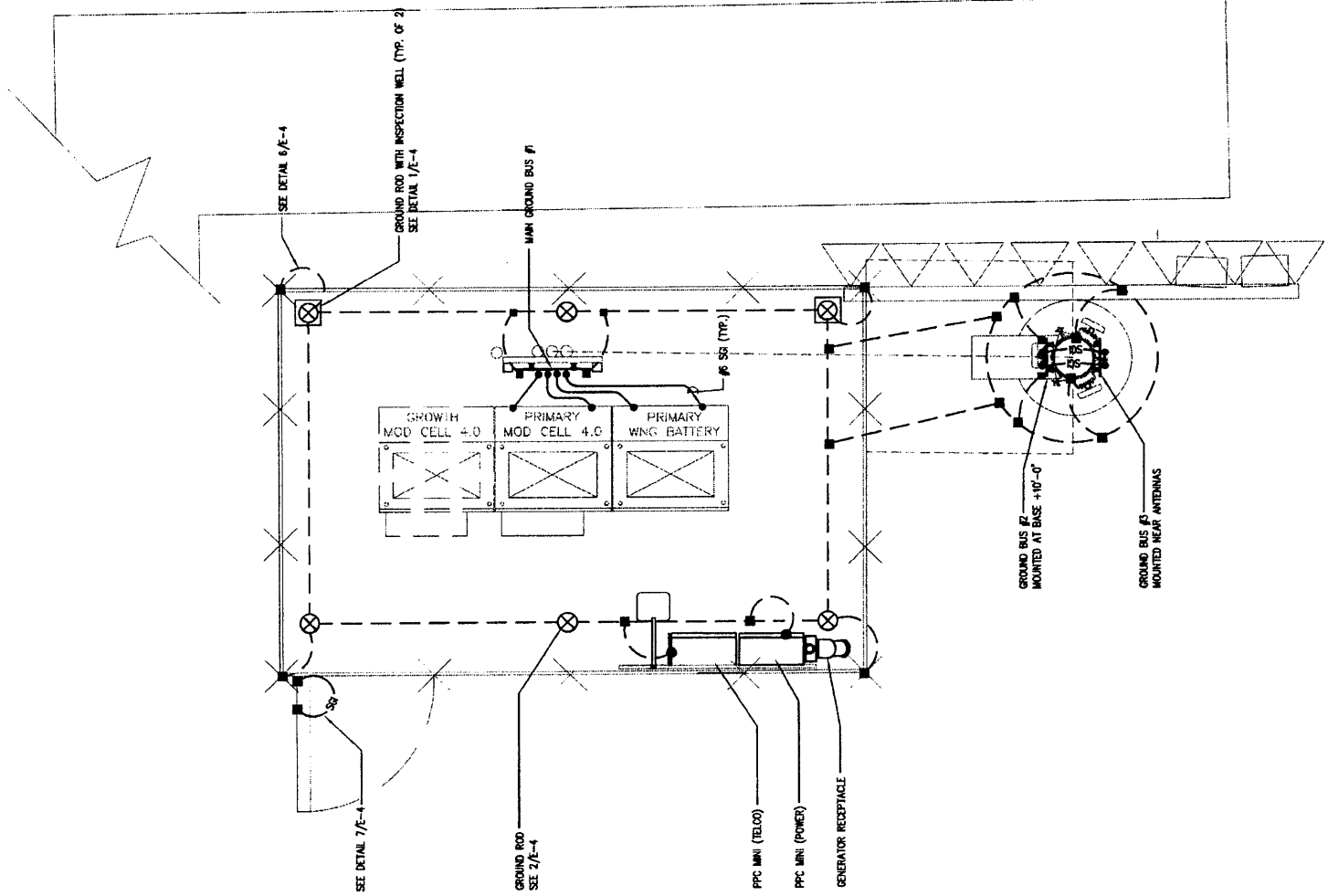
1	02/02/04	ISSUE FOR REVIEW
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SITE
SF13130A
ELSE ALLEN
HIGH SCHOOL
 599 BELLVUE ROAD,
 SANTA ROSA, CA 95407
 SONOMA COUNTY

SHEET TITLE
GROUNDING PLANS
GROUNDING LEGEND

SHEET NUMBER
E-3



Handwritten signature/initials



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

GROUNDING PLAN - EQUIPMENT

- GENERAL TELCO BONDING & GROUNDING REQUIREMENTS**
- #2 AWG CU GROUND WIRE (6 COIL), AND BONDING CLAMPS IN PLACE AND TERMINATED AT EACH ATTACHMENT POINTS.
 - SOLID GROUND WIRE PREFERRED (STRANDED AS SECOND CHOICE).
 - GROUND TELCO SERVICE CABINET TO MGB (MAIN GROUND BUSS) AT PACIFIC BELL CENTRAL OFFICE LOCATIONS MGB IS TIED TO EXISTING CENTRAL OFFICE GROUND RING.
 - BOND ALL METALLIC CABINETS.

GROUNDING LEGEND

ITEM	DESCRIPTION
⊗	GROUND ROD WITH CORROSI FB INSPECTION WELL
⊙	5/8" X 10'-0" LONG COPPER CLAD GROUND ROD
—	#2 AWG TINNED SOLID BARE COPPER WIRE MIN. 16" BELOW GRADE OR 6" BELOW FROST LINE
—SR—	#2 AWG STRANDED GREEN INSULATED WIRE
■	CABLED CONNECTION
●	MECHANICAL CONNECTION

- SHEET NOTES:**
- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION REQUIREMENTS AND CONSTRUCTION ACCORDING TO SITE CONDITIONS.
 - ALL GROUNDING CONDUCTORS: #2 AWG SOLID BARE TINNED COPPER WIRE UNLESS OTHERWISE NOTED.
 - GROUND BAR LOCATED INSIDE THE EQUIPMENT WILL BE PROVIDED, FURNISHED AND INSTALLED BY THE VENDOR.
 - ALL BELOW GRADE CONNECTIONS: EXPONERIM WELD TYPE ABOVE GRADE CONNECTIONS: EXPONERIM WELD TYPE OR HIGH PRESSURE MECHANICAL.
 - GROUND RING SHALL BE LOCATED A MINIMUM OF 16" BELOW GRADE OR 6" MINIMUM BELOW THE FROST LINE.
 - EXPONERIM WELD GROUND CONNECTION T POST: TREAT WITH A COLD GALVANIZED SPRAY.
 - GROUND BARS:
 - EQUIPMENT GROUND BUS BAR (EGB) LOCATED AT BOTTOM OF ANTENNA POLE/MAST FOR MOUNTING GROUNDING CONDUCTORS. CABLES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. JAMMERS (FURNISHED BY OWNERS) SHALL BE INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
 - MAIN GROUND BUS BAR (MGB) LOCATED NEAR THE BASE OF THE RADIO EQUIPMENT CABINET(S) SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
 - ALL GROUNDING INSTALLATIONS AND CONNECTIONS SHALL BE MADE BY ELECTRICAL CONTRACTOR.
 - OBSEIVE A.E.C. AND LOCAL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE GROUNDING.
 - GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).

