

Market: California
Cell Site Number: CNU3950
Search Ring Name: 12th-Madison
Cell Site Name: 12th-Madison (CA)
Fixed Asset Number: 10087900

FIRST AMENDMENT TO MICROCELL SITE LEASE

THIS FIRST AMENDMENT TO THE MICROCELL SITE LEASE ("**Amendment**"), dated as of the latter of the signature dates below, is by and between Lumbee Properties LLC, a California limited liability company, successor in interest to Barclays Plaza Associates, having its principle place of business at 171 12th Street Suite 100, Oakland, CA 94607, ("**Lessor**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, successor in interest of Bay Area Cellular Telephone Company, having a mailing address of 575 Morosgo Drive NE, Suite 13F, West Tower, Atlanta, GA 30324 ("**Lessee**").

WHEREAS, Lessor and Lessee, or their predecessors in interest, entered into a Microcell Site Lease dated June 30, 1997, whereby Lessor leased to Lessee certain Premises, therein described, that are a portion of the rooftop of the Building on the Property located at 171 12th Street, Oakland, CA 94607 ("**Lease**"); and

WHEREAS, Lessor and Lessee desire to amend the Lease to clarify scope of Lessee's permitted use of the Premises; and

WHEREAS, Lessor and Lessee desire to amend the Lease to allow Lessee to increase the size of the Premises and increase the number of antennas and related equipment on the Premises; and

WHEREAS, Lessor and Lessee desire to adjust the rent in conjunction with the modifications to the Lease contained herein; and

WHEREAS, Lessor and Lessee desire to amend the Lease to modify the notice section thereof; and

WHEREAS, Lessor and Lessee desire to amend the Lease to permit Lessee 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, Lessor and Lessee, in their mutual interest, wish to amend the Lease 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, Lessor and Lessee agree as follows:

1. Permitted Use. The permitted use as delineated in paragraph 6 of the Lease and any reference in the Lease to "cellular radio telephone system" or "cellular" is hereby amended to include the transmission and reception of communications signals and the installation, construction, maintenance, operation, repair, replacement and upgrade of Lessee's communications fixtures and any related equipment, cables, accessories and improvements necessary for Lessee's use.

2. Lease of the Premises. Lessor agrees to increase the size of the Premises leased to Lessee to accommodate Lessee's needs. Lessor hereby leases to Lessee and Lessee leases from Lessor that portion of the Site generally described as follows: approximately fifty-eight (58) square feet of space on the roof of the Building for placement of Lessee's communications equipment cabinet and space on the northeast corner of the Building at an elevation of approximately thirty-seven feet (37) above ground level for the placement of up to eight (8) antennas, and approximately eighty (80) square feet of space on the top of the existing roof access stairwell for the placement of up to four (4) antennas (collectively, the "Premises") as shown for legal purposes in the attached Exhibit B-1 to the

Amendment. Lessor's execution of this Amendment will signify Lessor's approval of Exhibit B-1. Exhibit B-1 hereby replaces Exhibit B to the Lease.

3. Term. In addition to the optional extension terms presently set forth in the Lease, the parties hereby agree to add three (3) additional five (5) year term(s) (each five (5) year term shall be defined as an "Additional Extension Term"), upon the same terms and conditions presently set forth in the Lease unless Lessee notifies Lessor in writing of Lessee's intention not to renew this Lease at least sixty (60) days prior to the expiration of the extension term or then existing Additional Extension Term.

4. Base Rent. Commencing on the first day of the month following the date that Lessee commences construction of the modifications set forth in this Amendment the Base Rent shall increase by One Thousand Eight Hundred Eighty and No/100 Dollars (\$1880.00) per monthly, and shall continue during the term, subject to the annual adjustment identified in section 3(d) of the Lease. Upon Tenant's removal of additional antennas or vacation of additional space, the Base Rent will revert to the original rate, subject to adjustments as provided in the Lease, upon thirty (30) days' prior written notice to Lessor.

5. Notices. Section 16 of the Lease 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 Lessor: Lumbee Properties LLC
Attn: Ben Chavis
663 Haddon Road
Oakland, CA 94610

If to Lessee: New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site #: 12952-A
Search Ring Name: CNU3950 12th-Madison
Cell Site Name: 12th-Madison (CA)
Fixed Asset No: 10087900
575 Morosgo Drive NE
Suite 13-F, West Tower
Atlanta, GA 30324

With a copy to AT&T Legal Department:

New Cingular Wireless PCS, LLC
Attn: AT&T Legal Department
Re: Cell Site #: CNU3950
Search Ring Name: 12th-Madison
Cell Site Name: 12th - Madison (CA)
Fixed Asset No: 10087900
208 S. Akard Street
Dallas, Texas 75202-4206

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.

6. **Emergency 911 Service.** In the future, without the payment of additional rent and at a location mutually acceptable to Lessor and Lessee, Lessor agrees that Lessee 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.

7. **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.

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

9. **Capitalized Terms.** All capitalized terms used but not defined herein shall have the same meanings as defined in the Lease.

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

“Lessor”

Lumbee Properties LLC, a California limited liability company

By:

Ben Davis

Print Name:

BEN DAVIS

Its:

Date:

12-5-13

“Lessee”

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

By: AT&T Mobility Corporation

Its: Manager

By:

Michael Guibord

Print Name:

Michael Guibord
Director

Its:

Construction & Engineering

Date:

12/12/13

[ACKNOWLEDGMENTS APPEAR ON THE FOLLOWING PAGE]

LESSOR ACKNOWLEDGMENT

State of North Carolina
County of Robeson

On 12-5-13 before me, Ben O'Neil, CEO
(insert name and title of the officer)

personally appeared before me, Helen Deblaise Hammond Hardin
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 nc that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Helen Deblaise Hardin (Seal)

LESSEE ACKNOWLEDGMENT

State of California
County of Contra Costa

On December 12, 2013 before me, Debra A Hall-Notary Public
(insert name and title of the officer)

personally appeared Michael Guebard
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 Debra A Hall (Seal)

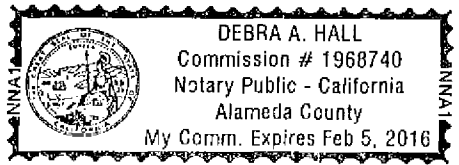


EXHIBIT B-1

DESCRIPTION OF PREMISES

Page ___ of ___

to the First Amendment to the Microcell Site Lease dated _____, 20__, by and between Lumbee Properties LLC, as Lessor, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Lessee.

The Premises are described and/or depicted as follows:

Premises Sketch or Survey:

[FOLLOWS ON NEXT PAGES]

Notes:

1. This Exhibit may be replaced by a land survey and/or construction drawings of the Premises once received by Lessee.
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.

APN: 002-0081-003

(E) SUBJECT BUILDING,
(AMERICAN INDIAN PUBLIC
CHARTER SCHOOL)

(E) TREE, TTP

PROPOSED AT&T PANEL ANTENNAS
WITHIN PROPOSED FRP BOX SCREEN,
(9) ANTENNAS

(E) 54'-0" H. IRON FENCE

(E) OVERHEAD CONDUITS

PROPOSED AT&T PURCELL FLYING OUTDOOR LTE
EQUIPMENT CABINET MOUNTED ON (E)/PROPOSED
PLATFORM EXTENSION

PROPOSED AT&T CONTSCOPE RBAV22 OUTDOOR DC
POWER CABINET MOUNTED TO (E)/PROPOSED
PLATFORM EXTENSION

PROPOSED AT&T GPS ANTENNA MOUNTED TO
PROPOSED CONTSCOPE CABINET

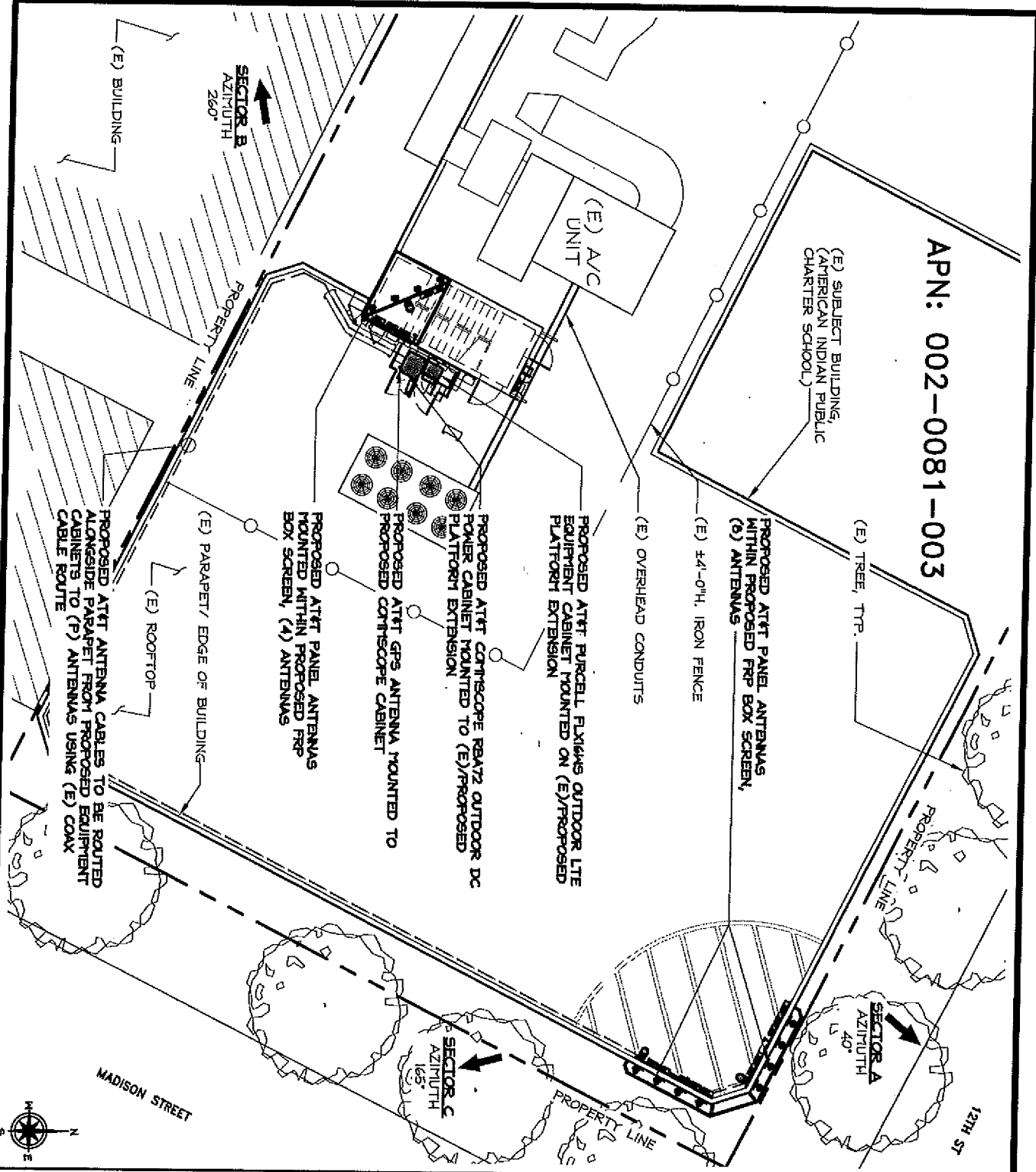
PROPOSED AT&T PANEL ANTENNAS
MOUNTED WITHIN PROPOSED FRP
BOX SCREEN, (4) ANTENNAS

PROPOSED AT&T ANTENNA CABLES TO BE ROUTED
ALONGSIDE PARAPET FROM PROPOSED EQUIPMENT
CABINET'S TO (P) ANTENNAS USING (E) COAX
CABLE ROUTE

SECTOR B
AZIMUTH
260°

SECTOR A
AZIMUTH
40°

SECTOR C
AZIMUTH
165°



2600 CARINO RAYON
SAN RAYON, CA 94589

VINCULUMS

575 LEBRON LANE, SUITE 225
MOUNTAIN VIEW, CA 94039

ZAZALI & ASSOCIATES INC.
2070 BUSINESS CENTER DRIVE
SUNTEC SUITE 200
IRVINE, CA 92612

PROJECT NO. _____
DRAWN BY: _____
CHECKED BY: _____

REV	DATE	DESCRIPTION
1	10/21/2010	LEASE EXHIBIT

PROJECT NAME:
12TH-MADISON

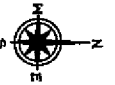
NUMBER:
CULBERG

FAI: 10087900

ADDRESS:
171 12TH STREET
OAKLAND, CA 94607

SHEET TITLE:
LEASE EXHIBIT

SHEET NUMBER:
LE-1





2600 CANTINO RAYTON
SAN RAYTON, CA 94583



575 LENOX LANE, SUITE 126
MILLIKIT CREEK, CA 94565



ZALZALI & ASSOCIATES INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

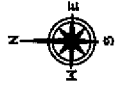
PROJECT NO: _____ RF _____
DRAWN BY: _____
CHECKED BY: _____

REV	DATE	LEAVE EXHIBIT	DESCRIPTION
A	10/21/2018		

PROJECT NAME: 12TH-MADISON
NUMBER: CN13/950
FA: 10087900
ADDRESS: 171 12TH STREET
OAKLAND, CA 94607

SHEET TITLE: LEASE EXHIBIT

SHEET NUMBER: LE-2



PROPOSED AT&T PANEL ANTENNAS MOUNTED
BEHIND PROPOSED FRP BOX SCREEN (4) PER
SECTOR, (3) SECTORS TOTAL

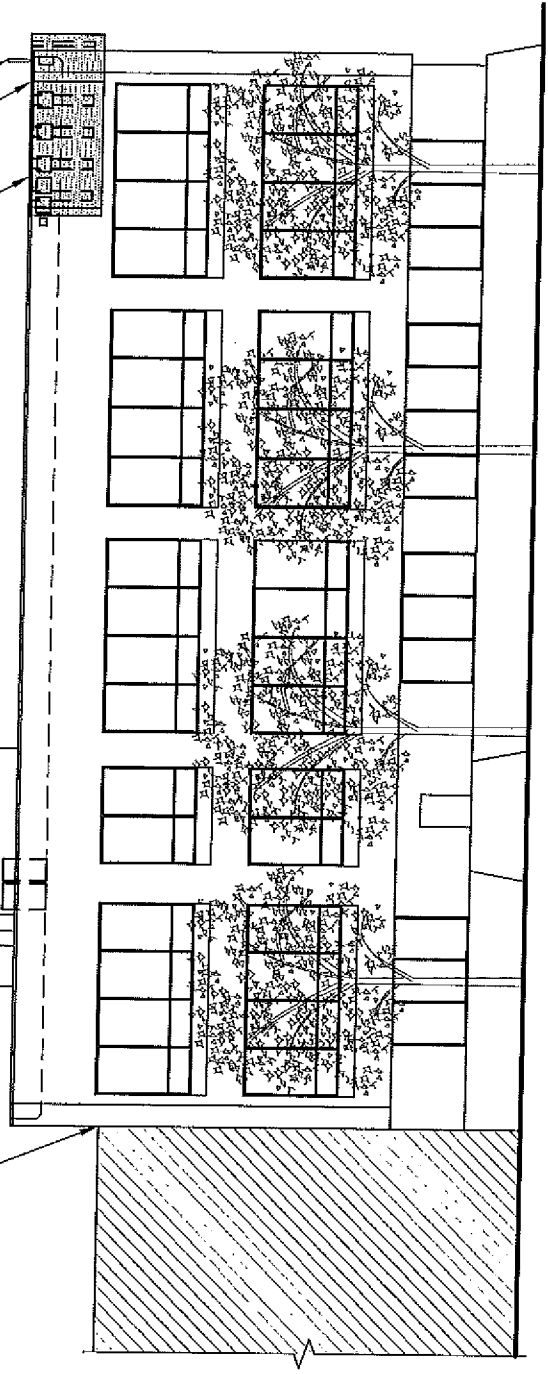
PROPOSED FRP BOX SCREEN MOUNTED
ON TOP OF STAIRWELL PENTHOUSE

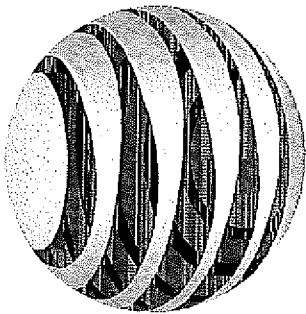
(E) STAIRWELL
PENTHOUSE

(E) BUILDING

(E) CP-NI ANTENNA, TO REMAIN
PROPOSED AT&T RF TRANSPARENT
SCREENED BOX PAINTED AND TEXTURED
TO MATCH (E) BUILDING

PROPOSED AT&T PANEL ANTENNAS MOUNTED
BEHIND PROPOSED FRP BOX SCREEN (4) PER
SECTOR, (3) SECTORS TOTAL



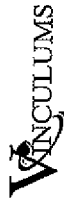


at&t

SITE NUMBER: CNU3950
SITE NAME: 12TH-MADISON
 FA NUMBER: 10087900
 PTN NUMBERS: 3701014569, 3701008124 & 3701658038
 PROJECT: LTE 2C AND MOD PROJECT
 SITE TYPE: ROOFTOP (OUTDOOR)
 SITE ADDRESS: 171 12TH STREET
 OAKLAND, CA 94607



4490 ROSENWOOD DR. BLDG. 20
 PLEASANTON, CA 94609



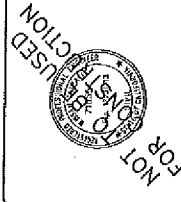
575 LEMON LAKE, SUITE 03
 MOUNTAIN CREEK, CA 94569



ZALALI & ASSOCIATES INC.
 2070 BUSINESS CENTER DRIVE
 IRVINE, CA 92612

PROJECT NO:
 DRAWN BY: RF
 CHECKED BY: DK

NO.	DATE	DESCRIPTION
1	08/09/08	ISSUED FOR PERMITS
2	08/09/08	ISSUED FOR PERMITS
3	08/09/08	ISSUED FOR PERMITS
4	08/09/08	ISSUED FOR PERMITS
5	08/09/08	ISSUED FOR PERMITS
6	08/09/08	ISSUED FOR PERMITS
7	08/09/08	ISSUED FOR PERMITS
8	08/09/08	ISSUED FOR PERMITS
9	08/09/08	ISSUED FOR PERMITS
10	08/09/08	ISSUED FOR PERMITS



IT IS A VIOLATION OF LAW FOR ANY
 PERSON TO REPRODUCE OR ALTER
 THIS DOCUMENT.

CNU3950/FA-10087900
 12TH-MADISON
 171 12TH STREET
 OAKLAND, CA 94607
 (ROOFTOP)

SHEET TITLE
 TITLE SHEET

SHEET NUMBER
 T-1

PROJECT DESCRIPTION
 AT&T WIRELESS PROPRIETARY TO VERIFY AN (E) INCLUDING INSTALLATION.
 THE SCOPE SHALL CONSIST OF THE FOLLOWING:
 • REMOVE (E) ROOFTOP EQUIPMENT CABINETS
 • REMOVE (E) AT&T ROOFTOP DOWN ANTENNA
 • INSTALL (E) DOWN ANTENNA WITHIN ROOFTOP LEASE AREA
 • INSTALL (E) COMPARTMENT ROADS CABINETS WITHIN ROOFTOP LEASE AREA
 • INSTALL (E) NEW ANTENNA EXH SCREENS AS SHOWN FOR SCREENS
 • INSTALL (E) LITE OPTIC PROX-15 IN ACCORDANCE TO NEW PANEL ANTENNAS
 • INSTALL (E) NEW ANTENNA UNITS MOUNTED NEAR PANEL ANTENNAS
 • INSTALL (E) NEW ANTENNA UNITS MOUNTED NEAR PANEL ANTENNAS
 • INSTALL (E) NEW ANTENNA UNITS MOUNTED NEAR PANEL ANTENNAS
 • ADJUST EXISTING COAX CABLE ROUTE

DRAWING INDEX

SHEET NO.	TITLE SHEET	SHEET TITLE
1-1	GENERAL NOTES	GENERAL NOTES
1-2	GENERAL NOTES	GENERAL NOTES
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1-100	GENERAL NOTES	GENERAL NOTES

DO NOT SCALE DRAWINGS
 SUBCONTRACTOR SHALL VERIFY ALL
 PLANS, (E) DIMENSIONS & FIELD
 IDENTIFICATION. NOTIFY THE ENGINEER IN
 WRITING IMMEDIATELY IF DISCREPANCIES
 ARE FOUND. THE ENGINEER SHALL BE
 RESPONSIBLE FOR DATA.

USA North
 America below.
 Call before you dig.
 California and Nevada
 811 / 800-227-2800

LOCATION MAPS

VICINITY MAP

LOCAL MAP

DRIVING DIRECTIONS

FROM SFO INTERNATIONAL AIRPORT,
 TAKE I-580 EAST TOWARD THE TERMINAL, TURN RIGHT, LEFT, MERGE ONTO US-101 N TOWARD SAN FRANCISCO, KEEP RIGHT TO TAKE
 RIGHT OFF RAMP 204 TOWARD SAN FRANCISCO, MERGE ONTO I-880 S EAST, TAKE THE JACKSON ST. EXIT, EXIT STRAIGHT THROUGH
 OAKLAND, TAKE THE I-880 S EXIT, TAKE THE JACKSON ST. EXIT, EXIT STRAIGHT THROUGH OAKLAND, TAKE THE JACKSON ST. EXIT,
 PAST HAZEN ST TURN LEFT ONTO 27TH ST, 27TH ST IS JUST PAST ITR. ST. 171 12TH ST. IS ON THE LEFT.
 171 12TH ST., OAKLAND, CA 94607-4890

SITE INFORMATION

PROPERTY OWNER: BDA CHAVIS
 ADDRESS: 563 MADISON RD
 OAKLAND, CA 94607
 PHONE: (510) 434-0771

APPLICANT ADDRESS: 4490 ROSENWOOD DRIVE, BLDG. 20
 PLEASANTON, CA 94609

LATITUDE: 37 40 04.7 N (37.668190)

LONGITUDE: 122 15 54.44 W (-122.265040)

GROUND ELEVATION: NAD 83

APN #: 022-008-003

ZONING JURISDICTION: CITY OF OAKLAND

CURRENT ZONING: PER A ZONING BUSINESS
 DISTRICT ZONED COMMERCIAL ZONE

(P) USE: UNIMPROVED COMMUNICATIONS FACILITY

USE: 1992

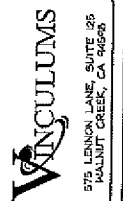
PROJECT TEAM

ENGINEERING FIRM:
 ZALALI & ASSOCIATES INC.
 2070 BUSINESS CENTER DR.
 IRVINE, CA 92612
 CONTACT: DON EVANS
 E-MAIL: don.evans@zalali.com
 PHONE: (714) 238-5174

ZONING REPRESENTATIVE:
 VINCULUMS SERVICES
 575 LEMON LAKE SUITE 03
 MOUNTAIN CREEK, CA 94569
 CONTACT: BOB ZANK
 PHONE: (925) 100-2406
 E-MAIL: bob.zank@vinculums.com



4830 ROSELAND DR. BLDG. 18
PLEASANTON, CA 94665



575 LENOX LAKE SUITE 35
HAUNT CREEK, CA 94609



ZALZALI ASSOCIATES INC.
2010 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO.	-
DRAWN BY:	BE
CHECKED BY:	BE

REV	DATE	DESCRIPTION
3	10/2003	SEE EXP FOR REVISION
4	10/2003	SEE EXP FOR REVISION



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

CNU3950 / FA:100879500
12TH-MADISON
171 12TH STREET
DAKLAND, CA 94507
(ROFOTCP)

SHEET TITLE
GENERAL SIGNAGE
DETAILS

SHEET NUMBER
GN-3

REMARK AND-REVISION INFORMATION

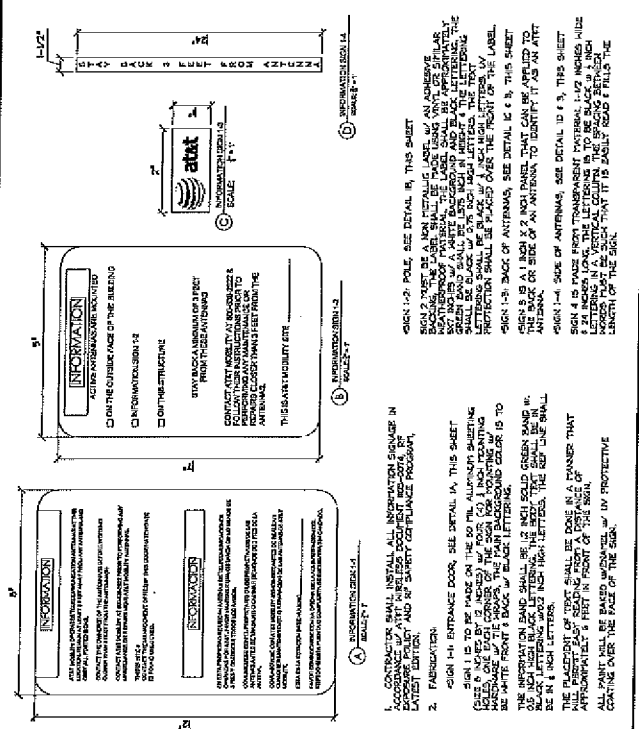
1. FOLLOWING INFORMATION IS A GUIDELINE BY REFERENCE TO PREVIOUS PROJECTS AND SHOULD BE USED AS SUCH. IN THE NOTES OF THIS SHEET, THE NUMBER OF FEET OR INCHES FOR REGULATORY PURPOSES SHOULD BE STATED AS SUCH. IN THE NOTES OF THIS SHEET, THE NUMBER OF FEET OR INCHES FOR REGULATORY PURPOSES SHOULD BE STATED AS SUCH. IN THE NOTES OF THIS SHEET, THE NUMBER OF FEET OR INCHES FOR REGULATORY PURPOSES SHOULD BE STATED AS SUCH.
2. THE PUBLIC LIMIT OF EXPOSURE ALLOWED BY THE FCC IS 100 WATT PER SQUARE METRE (W/M²) FOR THE FREQUENCY BANDS 900-960 MHz AND 1900-2000 MHz. THE PUBLIC LIMIT OF EXPOSURE ALLOWED BY THE FCC IS 100 WATT PER SQUARE METRE (W/M²) FOR THE FREQUENCY BANDS 900-960 MHz AND 1900-2000 MHz.
3. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE.
4. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE.
5. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE.
6. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE.
7. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE. THE POSITION OF THE ANTENNA IS MOUNTED (S) 4.5 FT FEET ABOVE THE GROUND SURFACE.

GENERAL NOTES

NOTICE

Beyond This Point you are entering a controlled area where RF emissions may exceed the FCC Controlled Exposure Limits.

Please do not work in this guideline for working in RF environment.



INFORMATION SIGNAGE

WARNING

Beyond This Point you are entering a controlled area where RF emissions exceed the FCC Controlled Exposure Limits.

Please do not work in this guideline for working in RF environment.

CAUTION

Beyond This Point you are entering a controlled area where RF emissions may exceed the FCC Controlled Exposure Limits.

Please do not work in this guideline for working in RF environment.

NOTICE

Beyond This Point you are entering a controlled area where RF emissions may exceed the FCC Controlled Exposure Limits.

Please do not work in this guideline for working in RF environment.

at&t

The Site Operated by:

AT&T MOBILITY

2800 CAMINO RAMON, AVENIO N
SAN BAYON, CA 94583
IN CASE OF EMERGENCY, CALL 911
TO DEACTIVATE ANTENNAS, CALL THE
FOLLOWING NUMBERS:
For 24 Hour Emergency Contact and Access Please Call:
(800)324-4652

Reference Sheet: _____

Site Address: _____

FENCED COMPOUND SIGNAGE

NO TRESPASSING

FEDERAL COMMUNICATIONS
COMMUNICATIONS BOARD REGISTRATION
NUMBER
1 2 3 4 5 6 7
POSTED IN ACCORDANCE WITH FEDERAL
COMMUNICATIONS COMMISSION RULES AND ANTENNA
TOWER REGISTRATION
FORM 12-01

COMPOUND SIGNAGE 9 FCC ASSR SIGNAGE

PROPERTY OF AT&T
AUTHORIZED PERSONNEL ONLY

No Trespassing
Visitors will be Permitted
In case of emergency, or prior to performing
maintenance on this site, call
and reference cell site number

DOOR / EQUIP. SIGN 7 GATE SIGNAGE

PROPERTY OF AT&T
AUTHORIZED PERSONNEL ONLY

IN CASE OF EMERGENCY, OR PRIOR TO
PERFORMING MAINTENANCE ON THIS SITE,
CALL 800-368-8822 AND REFERENCE CELL
SITE NUMBER

SHELTER / CABINET DOORS SIGNAGE

5 CAUTION AND WARNING SIGN

6 GATE SIGNAGE

7 DOOR / EQUIP. SIGN

8 GATE SIGNAGE

9 FCC ASSR SIGNAGE

10 FENCED COMPOUND SIGNAGE

3 CAUTION AND WARNING SIGN

4 INFORMATION SIGNAGE

GENERAL NOTES

NOTICE SIGN



BATTERY INFORMATION SHEET

Form with fields for Manufacturer, Model, Voltage, Capacity, and other battery specifications.

EXIDE BATTERY COMPANY, INC. 10000 W. CENTRAL EXPRESSWAY, SUITE 100, WESTMINSTER, CO 80057

Form with fields for Dimensions, Weight, and other physical characteristics of the battery.

EXIDE BATTERY COMPANY, INC. 10000 W. CENTRAL EXPRESSWAY, SUITE 100, WESTMINSTER, CO 80057

Form with fields for Model, Voltage, Capacity, and other battery specifications.

Form with fields for Dimensions, Weight, and other physical characteristics of the battery.

EXIDE BATTERY COMPANY, INC. 10000 W. CENTRAL EXPRESSWAY, SUITE 100, WESTMINSTER, CO 80057

Form with fields for Model, Voltage, Capacity, and other battery specifications.

Form with fields for Dimensions, Weight, and other physical characteristics of the battery.

EXIDE BATTERY COMPANY, INC. 10000 W. CENTRAL EXPRESSWAY, SUITE 100, WESTMINSTER, CO 80057



Table with columns for Model, Voltage, Capacity, and other battery specifications.

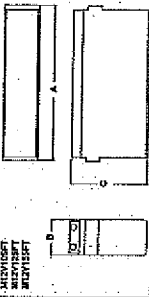
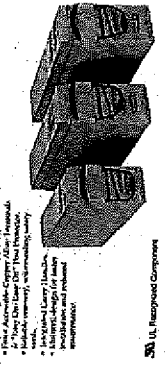


Table with columns for Model, Voltage, Capacity, and other battery specifications.



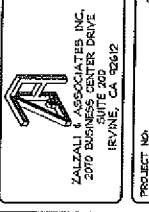
From the World Leader in VRLA Battery Technology... Quality Means Reliability... Applications: Telecommunications, Emergency Power, etc.



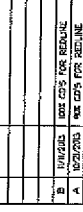
50, 100, 200 Ampere Hours



400 ROSENTHAL DR. BLDG. #5 PLASANTON, CA 94508



575 LENOX LANE SUITE 205 HAYMAST CREEK, CA 94508



ZALZALI & ASSOCIATES, INC. 2070 BUSINESS CENTER DRIVE SUITE 200 IRVINE, CA 92612

PROJECT NO. DRAWN BY: RF CHECKED BY: DM

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CNU5850/FA:10067900 12TH-MADISON 171 12TH STREET (ROOFTOP) OAKLAND, CA 94607

SHEET TITLE BATTERY SPECIFICATIONS SHEET NUMBER GN-4



480 ROSSWOOD DR. BLDG. #3
PLEASANTON, CA 94686



876 LENNON LANE, SUITE 125
MALIBU CREEK, CA 94038



ZALZALI & ASSOCIATES INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO. _____
DRAWN BY: RF
CHECKED BY: DN

NO.	DATE	DESCRIPTION
1	08/25/00	ISSUED FOR PERMITS
2	09/28/00	REVISED FOR PERMITS
3	10/23/00	REVISED FOR PERMITS
4	11/14/00	REVISED FOR PERMITS
5	12/11/00	REVISED FOR PERMITS
6	01/09/01	REVISED FOR PERMITS
7	02/06/01	REVISED FOR PERMITS
8	03/05/01	REVISED FOR PERMITS
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20	02/05/02	REVISED FOR PERMITS
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98	01/06/08	REVISED FOR PERMITS
99	02/03/08	REVISED FOR PERMITS
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NOT TO BE USED FOR CONSTRUCTION

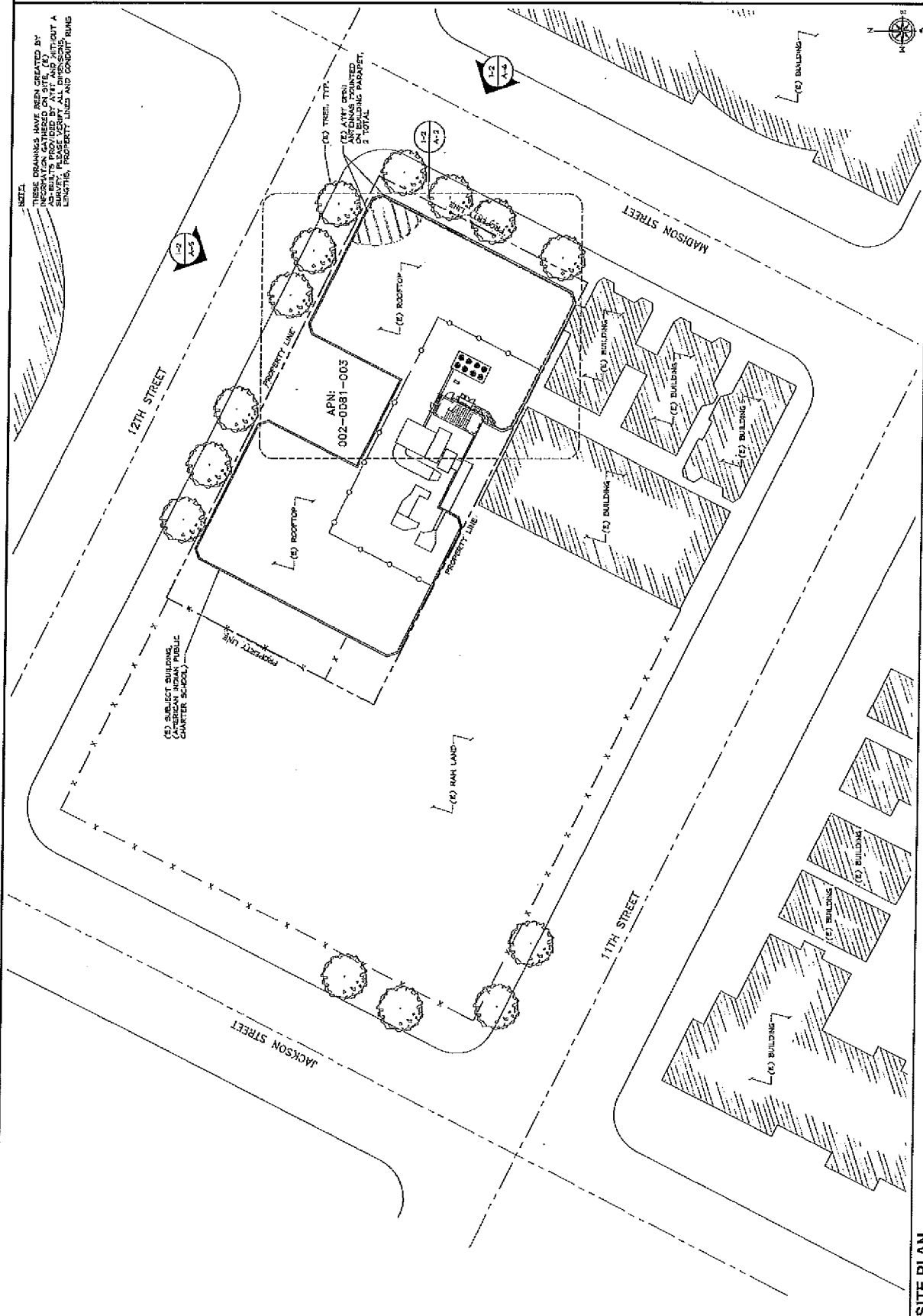
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WITHOUT THE WRITTEN CONSENT OF
THE ENGINEER IS PROHIBITED.

CNU3850/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
SITE PLAN

SHEET NUMBER
A-1

NOTE:
THESE REMAINS HAVE BEEN CREATED BY
INTERPOLATION BASED ON THE
AS-BUILT PROVIDED BY A-17, AND SHOULD NOT
BE USED FOR CONSTRUCTION. PROPERTY LINES AND EXISTING RUNS



SITE PLAN



4800 ROSSWOOD DR, BLDG. #5
PLEASANTON, CA 94588



575 HUNTON LANE, SUITE 125
WALNUT CREEK, CA 94598



TAZALI & ASSOCIATES INC.
2010 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO.	RF
DRAWN BY:	DM
CHECKED BY:	

NO.	DATE	DESCRIPTION
1	10/20/03	ISSUE FOR PERMITS
2	11/20/03	ISSUE FOR PERMITS
3	12/15/03	ISSUE FOR PERMITS
4	01/20/04	ISSUE FOR PERMITS
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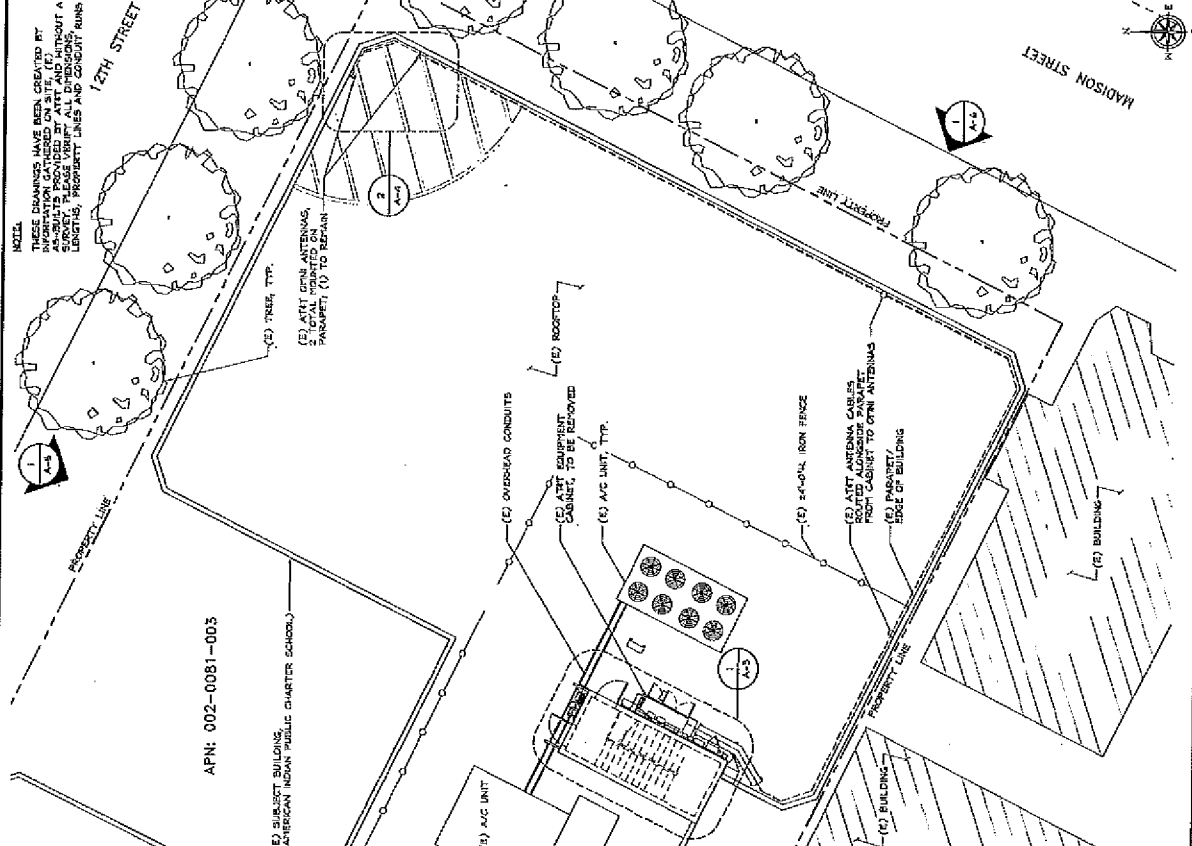
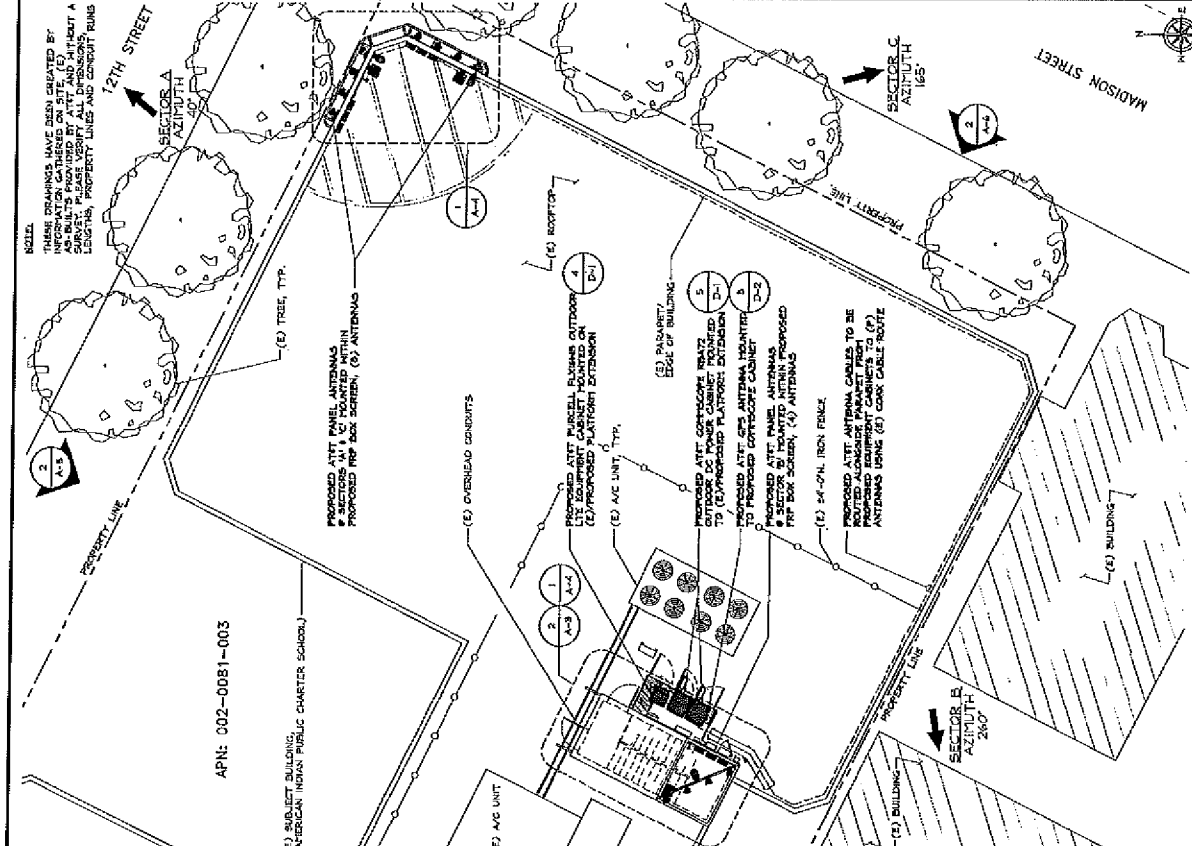
FOR NOT RECORDED
COUNTY OF ALAMEDA
RECORDING DIVISION

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CNU3956/FA:10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
PARTIAL ROOF PLAN

SHEET NUMBER
A-2



20'x20' SCALE: 1/8" = 1'-0"
10'x10' SCALE: 1/4" = 1'-0"
1" = 1'-0"

(E) PARTIAL ROOF PLAN

(P) PARTIAL ROOF PLAN



4830 ROSSWOOD DR. BLDG. #3
PLEASANTON, CA 94503



575 LENNON LANE, SUITE 126
MALIBU CREEK, CA 94028



ZALZALI ASSOCIATES INC
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO. _____
DRAWN BY: _____
CHECKED BY: _____

NO.	REVISED	DATE	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			

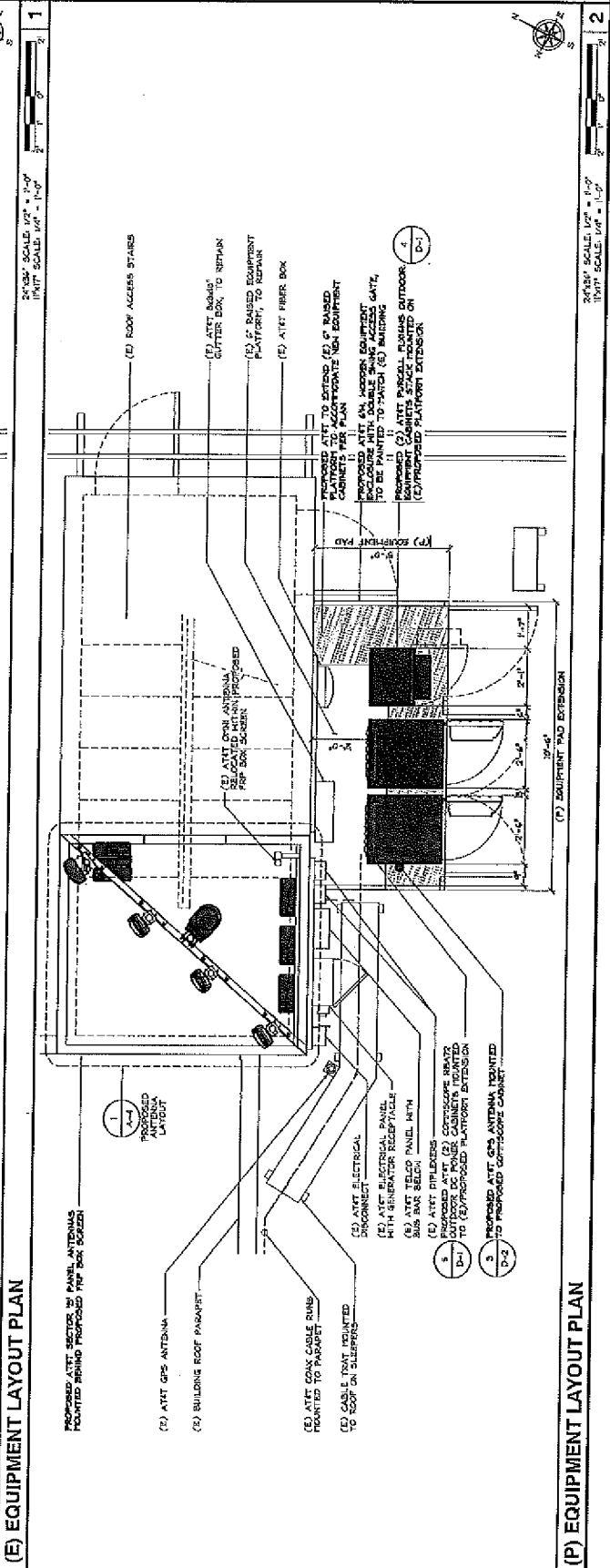
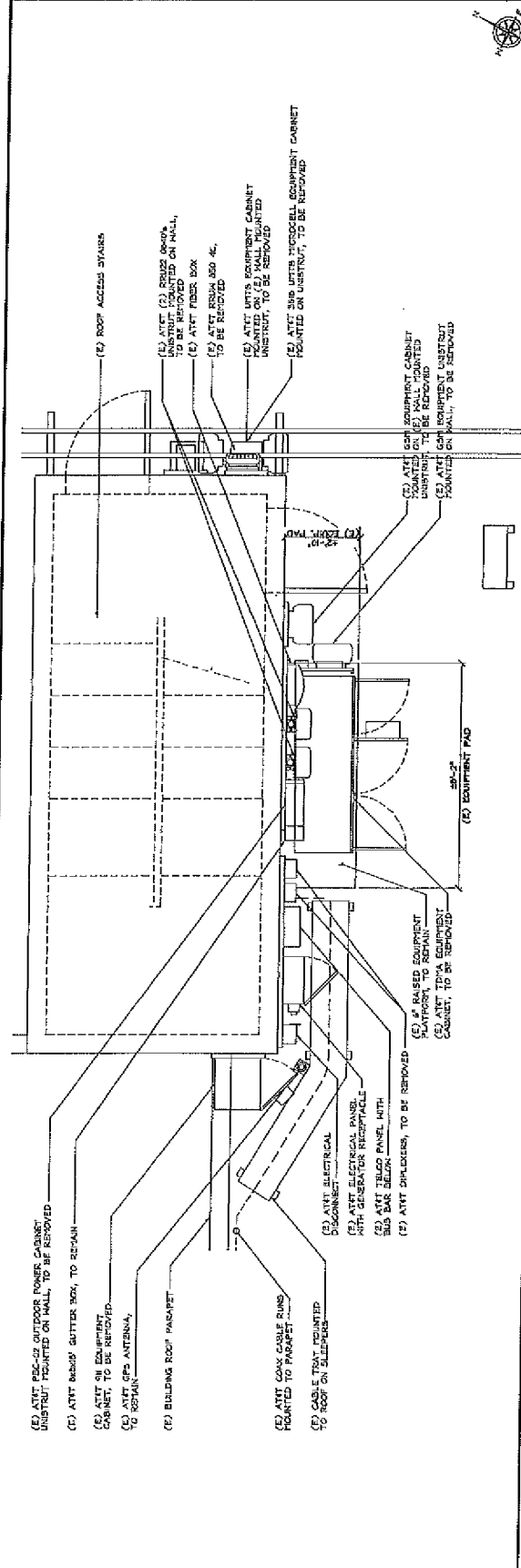
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 PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

CNU9950/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
EQUIPMENT LAYOUT
PLANS

SHEET NUMBER
A-3



NO.	REVISED	DATE	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			

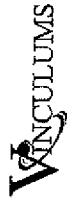


NO.	REVISED	DATE	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			





480 ROSEWOOD DR. BLDG. #3
PLEASANTON, CA 94558



876 LEMMON LANE, SUITE 205
MALIBU CREEK, CA 90409



ZALZALI & ASSOCIATES, INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO.	
DRAWN BY:	RF
CHECKED BY:	DM

B	ISSUES	BOX CDS FOR ISSUE
A	ISSUES	BOX CDS FOR ISSUE
REV	DATE	DESCRIPTION



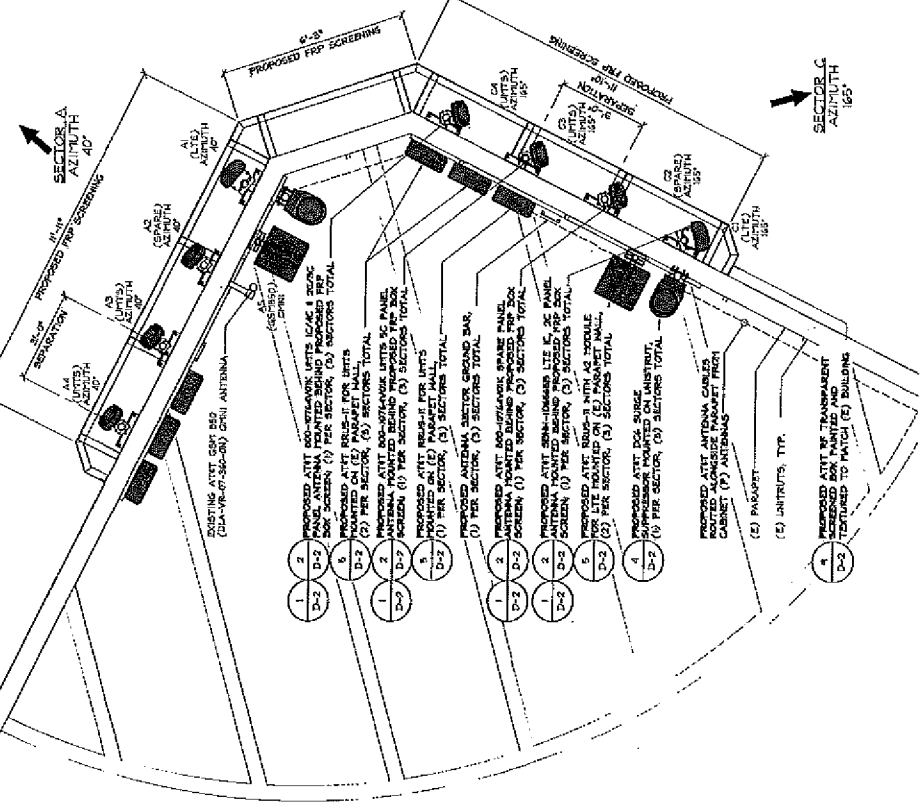
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ENGINEER TO SEAL THIS DOCUMENT.
PROFESSIONAL ENGINEER TO ALTER
THIS DOCUMENT.

CNU3950/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
ANTENNA LAYOUTS

SHEET NUMBER
A-4

NOTE:
ALL SCREEN BOXES TO BE PAINTED
AND RETURNED TO OWNER (E) BUILDING

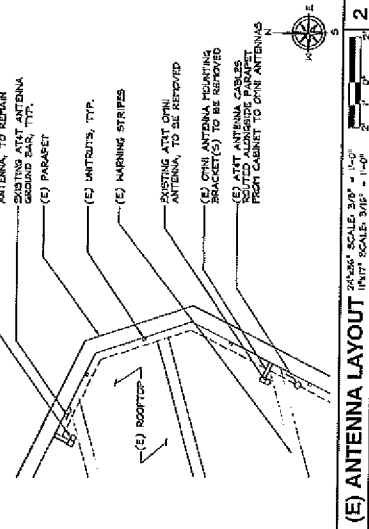


SURGE SUPPRESSION SYSTEM		
PART NUMBER	QTY	LOCATION
DCS-66-6A-RP1	1	MOUNTED NEAR EQUIPMENT CABINET
DCS-66-60-8-8F	5	MOUNTED NEAR ANT. PANEL ANTENNAS

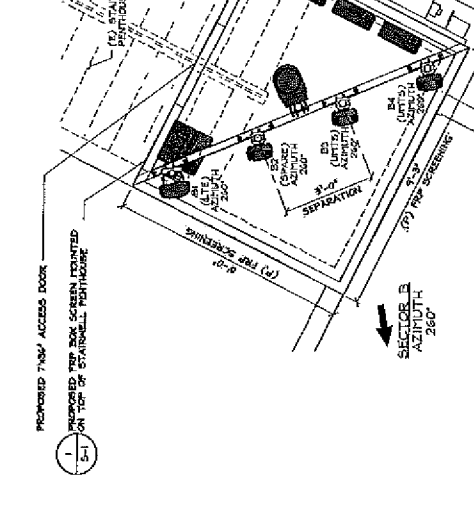
SCALE: 1/2" = 1'-0"
DATE: 1/17/00

REMOTE RADIO UNITS (RRUS)		
ANTENNA	RRU TYPE	QTY.
1	RRUS-1 (COURTESY)	1 EA.
2	RRUS-2 (COURTESY)	1 EA.
3	RRUS-3 (COURTESY)	1 EA.
4	RRUS-4 (COURTESY)	1 EA.

PROPOSED OPTIMAL ANTENNA AND TRANSMISSION CABLES REQUIREMENT (VERIFY WITH CURRENT RFDS)		
ANTENNA	EXISTING PROPOSED DISTING.	LENGTH
A1	45'-0"	3160'
A2	45'-0"	3160'
A3	45'-0"	3160'
A4	45'-0"	3160'
A5	45'-0"	3160'
B1 & B2	45'-0"	3160'
B3 & B4	45'-0"	3160'
B5 & B6	45'-0"	3160'
B7 & B8	45'-0"	3160'
B9 & B10	45'-0"	3160'
B11 & B12	45'-0"	3160'
B13 & B14	45'-0"	3160'
B15 & B16	45'-0"	3160'



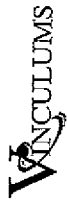
ANTENNA MODEL		
EXISTING	PROPOSED	LENGTH
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'
45'-0"	45'-0"	3160'



(E) ANTENNA LAYOUT
SCALE: 1/2" = 1'-0"
DATE: 1/17/00



400 ROSENWOOD DR. BLDG. #3
PLEASANTON, CA 94588



575 LEMMON LANE, SUITE 105
MALDEN, CALIF. 94568



ZALZALI & ASSOCIATES, INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVING, CA 92612

PROJECT NO.	RF
DRAWN BY	DM
CHECKED BY	

REV	DATE	DESCRIPTION



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PROFESSIONAL ENGINEER TO ALTER
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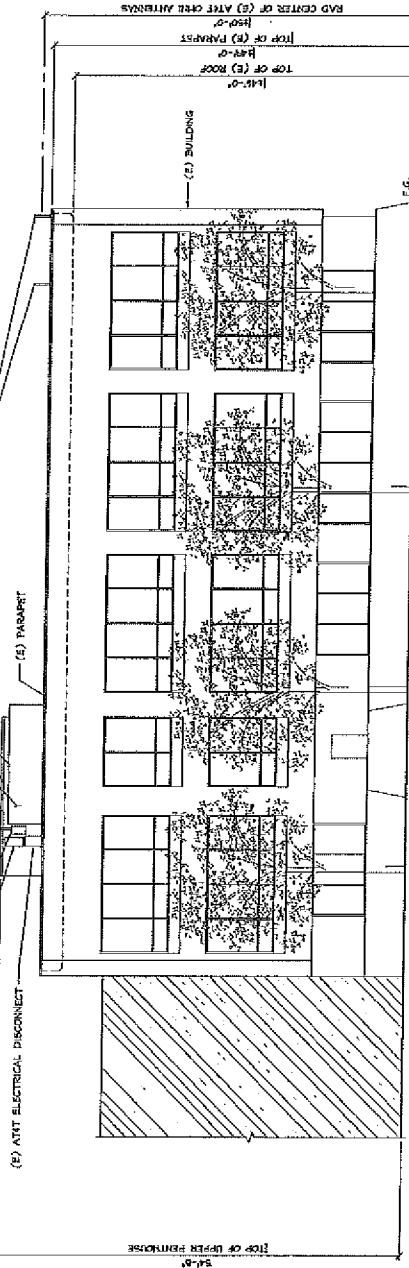
CNUS950/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-6

(C) AT&T TDP4 EQUIPMENT CABINET
TO BE REMOVED
(C) PENETRATIONS
(C) MECHANICAL UNIT
(C) AT&T OTHER ANTENNAS,
TO BE REMOVED;
(E) PARAPET

(E) AT&T TELCO PANEL WITH
300 BAR BELOW
(E) AT&T ELECTRICAL PANEL
WITH GENERATOR RECEPTACLE
(E) AT&T ELECTRICAL DISCONNECT



(E) SOUTHEAST ELEVATION

SCALE: SCALE: 1/4" = 1'-0"
1/8" = 1'-0"

NOTES:
(1) AT&T BRUSH-III MOUNTED ON
HALL, (5) PER SECTOR, (5) SECTORS TOTAL
PROPOSED AT&T PANEL ANTENNAS MOUNTED
(C) PARAPET ANTENNA
OR TOP OF PENNHOUSE
(E) STAIRWELL PENNHOUSE
PROPOSED AT&T CONDUITS BEING OUTDOOR
DC POWER CABINET MOUNTED TO
PROPOSED PLATFORM EXTENDING (BEYOND)
PROPOSED AT&T MISC. PLUMBING OUTDOOR
(C) PROPOSED PLATFORM EXTENDING (BEYOND)
(E) AT&T DC SOURCE SUPPRESSOR MOUNTED ON
SUBSTRAT, (1) PER SECTOR, (5) SECTORS TOTAL
(E) AT&T BRUSH-III MOUNTED ON
HALL, (5) PER SECTOR, (5) SECTORS TOTAL
PROPOSED AT&T PANEL ANTENNAS MOUNTED
(C) PARAPET ANTENNA
OR TOP OF PENNHOUSE
(E) STAIRWELL PENNHOUSE
PROPOSED AT&T CONDUITS BEING OUTDOOR
DC POWER CABINET MOUNTED TO
PROPOSED PLATFORM EXTENDING (BEYOND)
PROPOSED AT&T MISC. PLUMBING OUTDOOR
(C) PROPOSED PLATFORM EXTENDING (BEYOND)
(E) AT&T DC SOURCE SUPPRESSOR MOUNTED ON
SUBSTRAT, (1) PER SECTOR, (5) SECTORS TOTAL

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) (C) ROOF
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

(P) SOUTHEAST ELEVATION

SCALE: SCALE: 1/4" = 1'-0"
1/8" = 1'-0"

NOTES:
(1) AT&T BRUSH-III MOUNTED ON
HALL, (5) PER SECTOR, (5) SECTORS TOTAL
PROPOSED AT&T PANEL ANTENNAS MOUNTED
(C) PARAPET ANTENNA
OR TOP OF PENNHOUSE
(E) STAIRWELL PENNHOUSE
PROPOSED AT&T CONDUITS BEING OUTDOOR
DC POWER CABINET MOUNTED TO
PROPOSED PLATFORM EXTENDING (BEYOND)
PROPOSED AT&T MISC. PLUMBING OUTDOOR
(C) PROPOSED PLATFORM EXTENDING (BEYOND)
(E) AT&T DC SOURCE SUPPRESSOR MOUNTED ON
SUBSTRAT, (1) PER SECTOR, (5) SECTORS TOTAL

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"

TOP OF PROPOSED AT&T PFP GREEN BOX
14'-0"
TOP OF UPPER PENNHOUSE
14'-0"
RAD CENTER OF PROPOSED AT&T PANEL ANTENNAS
14'-0"
TOP OF (E) PARAPET
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"
TOP OF (E) BUILDING
14'-0"
RAD CENTER OF (E) AT&T OTHER ANTENNAS
14'-0"



4850 ROSEWOOD DR. BLDG. 103
PLEASANTON, CA. 94609



975 LINDEN LANE, SUITE 125
MALDEN, CALIF. 94551



ZALZALI & ASSOCIATES INC
2670 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA. 92612

PROJECT NO. _____

DRAWN BY: _____

CHECKED BY: _____

REV	DATE	DESCRIPTION
B	5/22/78	REV CHG FOR RENEWAL
A	5/22/78	REV CHG FOR RENEWAL



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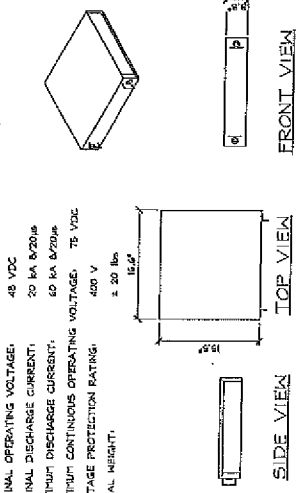
CNU3950/FA:10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(908/FDP)

SHEET TITLE
DETAILS

SHEET NUMBER
D-1

RAYCAP DC12-48-60-EM, DC SURGE SUPPRESSION SOLUTION

DIMENSIONS: 16x16x4
NOMINAL OPERATING VOLTAGE: 48 VDC
MAXIMUM DISCHARGE CURRENT: 20 KA @ 200µs
MAXIMUM CONTINUOUS OPERATING VOLTAGE: 75 VDC
VOLTAGE PROTECTION RATING: 400 V
TOTAL HEIGHT: ± 20 lbs

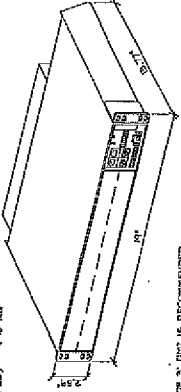


DC SURGE SUPPRESSOR DETAIL

3/4" X 1/2" BOLT, NTS
1/2" DTP SCALE, NTS

RBS-5601 MAIN UNIT (AVU) SPECIFICATIONS

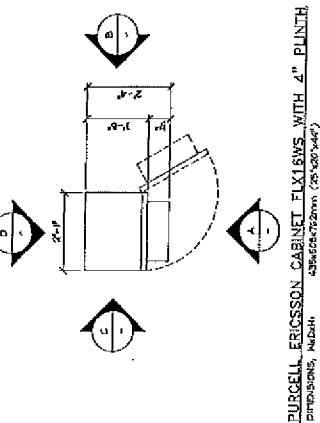
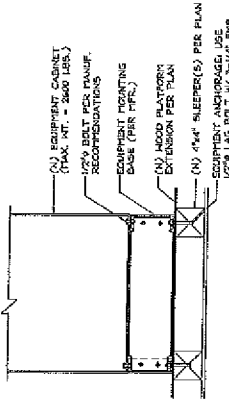
DC POWER SUPPLY
NOMINAL VOLTAGE: 48 VDC
NON-DESTRUCTIVE VOLTAGE RANGE: 0 TO 48 V DC
HEIGHT: 44 1/4" (1.15 U)
WIDTH: 49 1/4" (1.16 RICH)
HEIGHT (FULLY EQUIPPED): 61.0 RICH
COLOR: WHITE



NOTE:
1. MINIMUM SPACE OF 1" MUST BE RECOMMENDED A FRONT OF THE BACK TO PROVIDE ADEQUATE WORKING SPACE.

RBS6601 MAIN UNIT

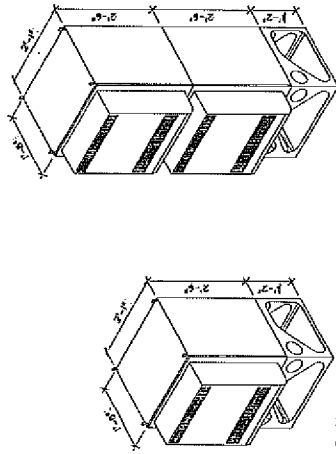
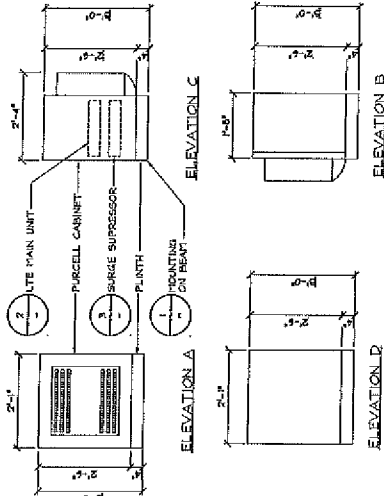
3/4" X 1/2" BOLT, NTS
1/2" DTP SCALE, NTS



PURCELL ERICSSON CABINET FIXTURES WITH 4\"/>

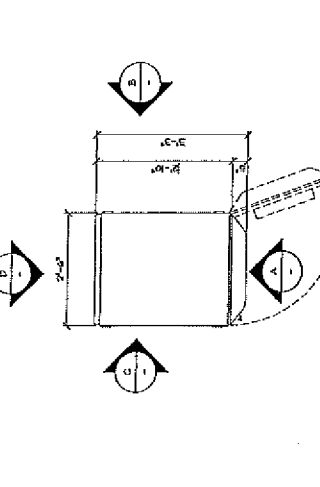
COLOR: GRAY
PAINTING OPTIONS: R1, 4\"/>

MAXIMUM TEMPERATURE: 40° C
SOLEL LOAD: 704 W/IN



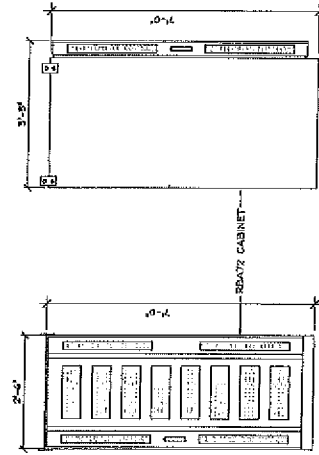
SINGLE CONFIGURATION

STAGED CONFIGURATION



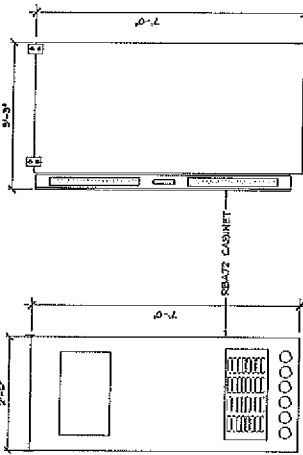
COMMSCOPE RBA72 OUTDOOR CABINET

HEIGHT: 425 LBS. (EMPTY), 1,000 LBS.



ELEVATION A

ELEVATION C



ELEVATION B

ELEVATION D

COMMSCOPE RBA72 CABINET

24\"/>

24\"/>

24\"/>

PURCELL FLX16WS CABINET

24\"/>

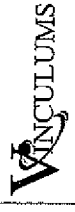
EQUIPMENT MOUNTING

24\"/>

3



400 ROSENTHAL DR. BLDG. 95
PLEASANTON, CA 94588



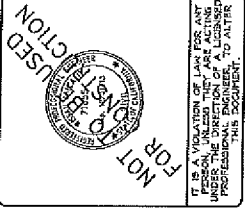
575 LEXINGTON LANE SUITE 105
WALNUT CREEK, CA 94598



ZALZALI & ASSOCIATES, INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO.	
DRAWN BY:	RF
CHECKED BY:	DM

REV	DATE	DESCRIPTION
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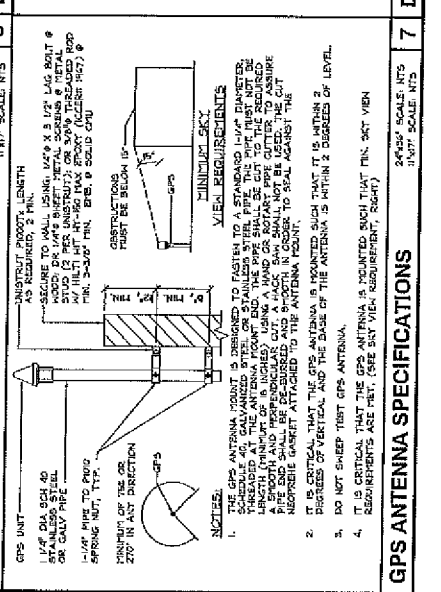
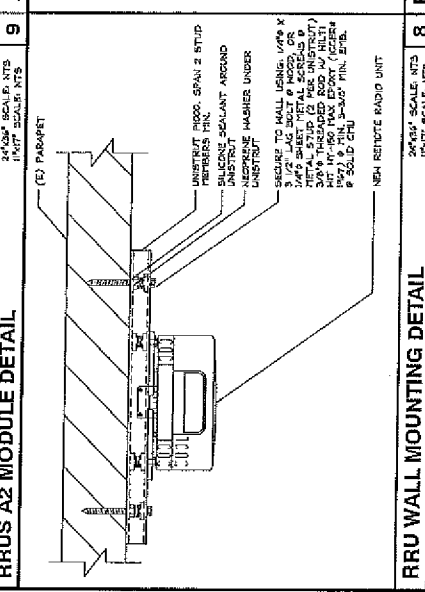
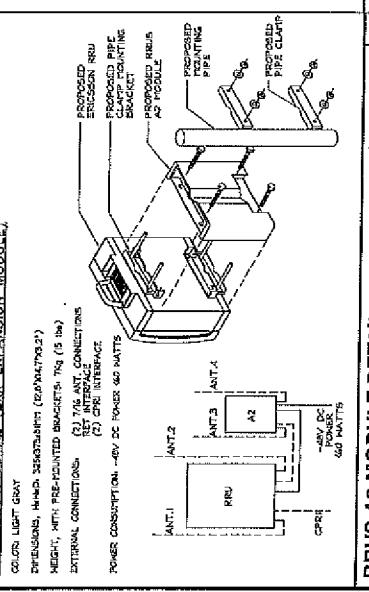
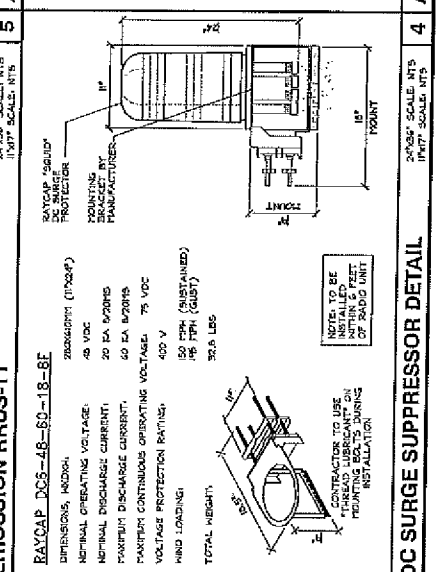
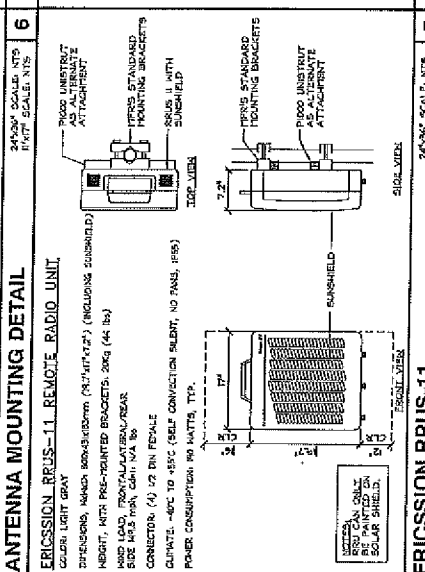
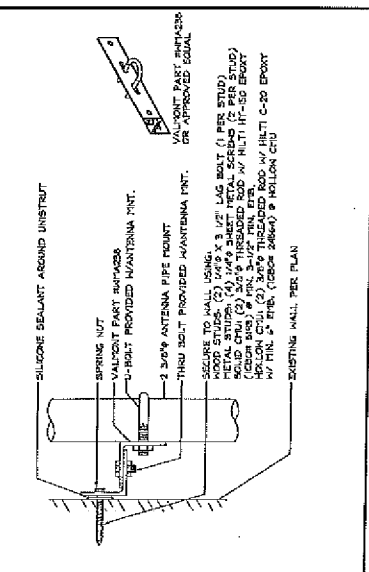
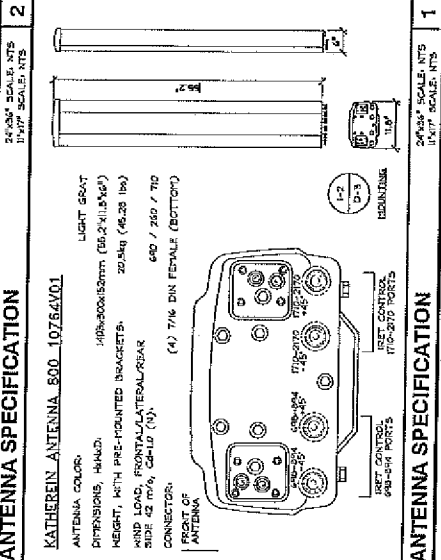
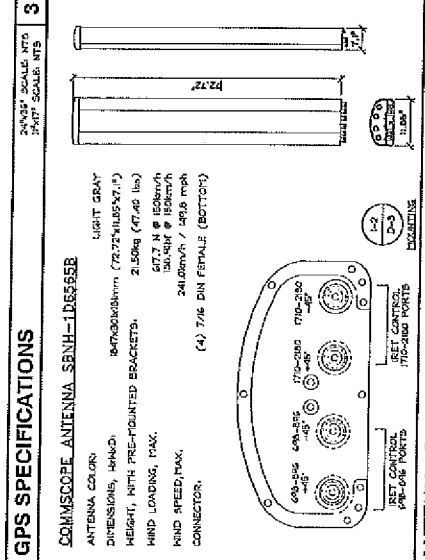
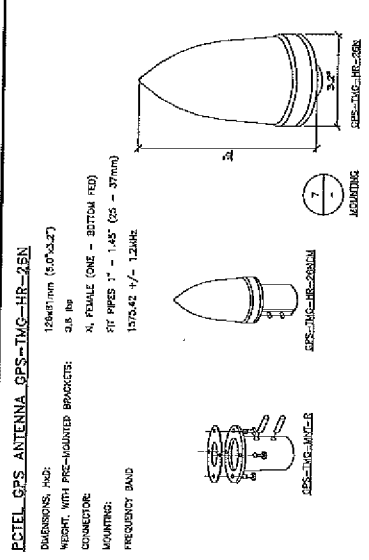


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CNU35950/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
DETAILS

SHEET NUMBER
D-2



ERICSSON RRUS A2 (2RX EXPANSION MODULE)
DIMENSIONS: 10647mm (50'x33")
WEIGHT: WITH PRE-MOUNTED BRACKET: 3.5 lb
CONNECTION: N, FEMALE (ONE - BOTTOM RED)
MOUNTING: 3/8" PIPES 1" - 1.45" (20 - 37mm)
FREQUENCY BAND: 1575.42 +/- 12MHz

COMSCOPE ANTENNA SENH-106555B
ANTENNA COLOR: LIGHT GRAY
DIMENSIONS, MINUS: 84x300x100mm (3.31x11.81x3.94")
HEIGHT, WITH PRE-MOUNTED BRACKET: 2.50m (82'0")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE (BOTTOM)

ANTENNA SPECIFICATION
ANTENNA COLOR: LIGHT GRAY
DIMENSIONS, MINUS: 100x300x100mm (3.94x11.81x3.94")
HEIGHT, WITH PRE-MOUNTED BRACKET: 2.50m (82'0")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE (BOTTOM)

ANTENNA MOUNTING DETAIL
3/8" DIA. GALV. STEEL 1/2" DIA. GALV. STEEL
1/2" DIA. GALV. STEEL 1/2" DIA. GALV. STEEL
1/2" DIA. GALV. STEEL 1/2" DIA. GALV. STEEL
1/2" DIA. GALV. STEEL 1/2" DIA. GALV. STEEL

ERICSSON RRUS-11 REMOTE RADIO UNIT
HEIGHT, WITH PRE-MOUNTED BRACKET: 200mm (8")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE
POWER CONSUMPTION: 10 WATTS, TYP.

ERICSSON RRUS-11
HEIGHT, WITH PRE-MOUNTED BRACKET: 200mm (8")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE
POWER CONSUMPTION: 10 WATTS, TYP.

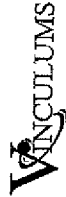
RRUS A2 MODULE DETAIL
HEIGHT, WITH PRE-MOUNTED BRACKET: 200mm (8")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE
POWER CONSUMPTION: 10 WATTS, TYP.

RRU WALL MOUNTING DETAIL
HEIGHT, WITH PRE-MOUNTED BRACKET: 200mm (8")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE
POWER CONSUMPTION: 10 WATTS, TYP.

GPS ANTENNA SPECIFICATIONS
HEIGHT, WITH PRE-MOUNTED BRACKET: 200mm (8")
MIN. LOAD: 100kg (220lb)
WIND SPEED, MAX: 241km/h / 150mph
CONNECTOR: (4) 7/16" DIN FEMALE
POWER CONSUMPTION: 10 WATTS, TYP.



4800 ROSENCRD DR, BLDG. 19
PLEASANTON, CA 94553



575 LINDEN LANE, SUITE 126
WALNUT CREEK, CA 94598



ZALZALI & ASSOCIATES, INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO. _____
DRAWN BY: RF
CHECKED BY: DW

REV	DATE	DESCRIPTION
B	1/2/93	SEE CDS FOR REDLINE
A	1/2/93	SEE CDS FOR REDLINE



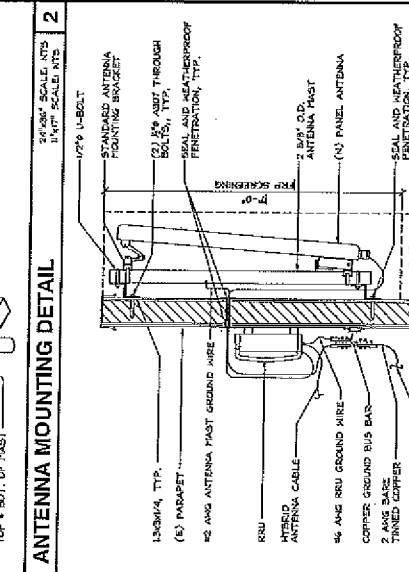
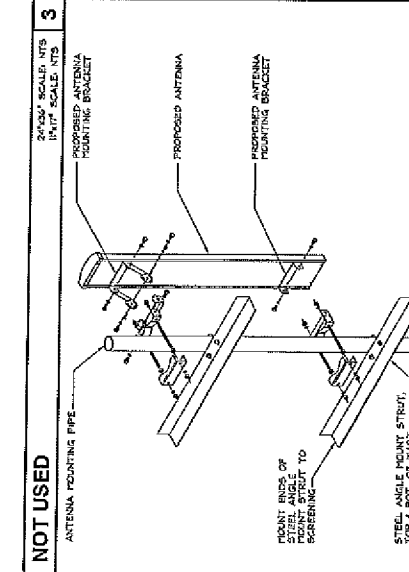
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PERSON, UNLESS THEY ARE ACTING
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PROFESSIONAL ENGINEER, TO ALTER
THIS DOCUMENT.

CNU3950/FA:10087900
12TH—MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
DETAILS

SHEET NUMBER
D-3

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS



NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS

NOT USED
24"x36" SCALE, NTS
1 1/4" TYP. SCALE, NTS



4130 ROSEWOOD DR, BUILD. 43
PLEASANTON, CA 94588



575 LENNON LANE, SUITE 125
WALNUT CREEK, CA 94598



ZALZALI & ASSOCIATES INC
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO: _____
DRAWN BY: _____
CHECKED BY: _____

NO.	DATE	DESCRIPTION
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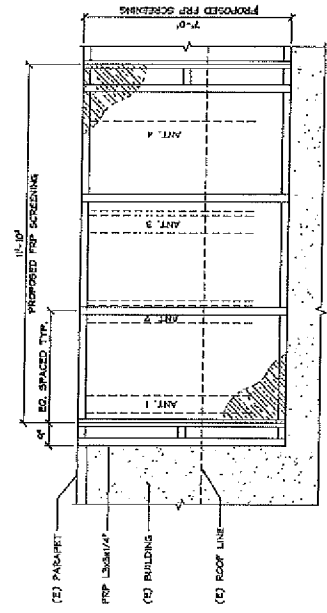
NOT TO BE USED FOR CONSTRUCTION

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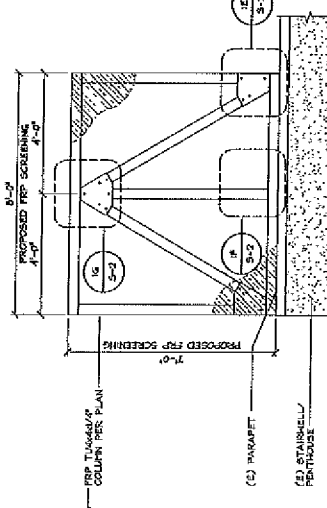
CNU3950/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
SCREENING DETAILS

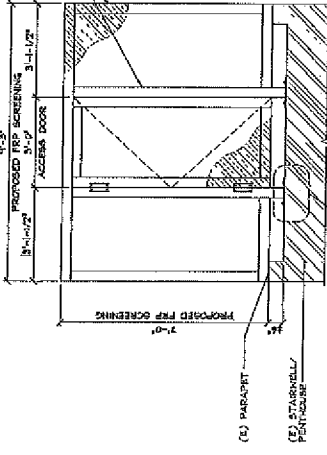
SHEET NUMBER
S-1



(A) ELEVATION

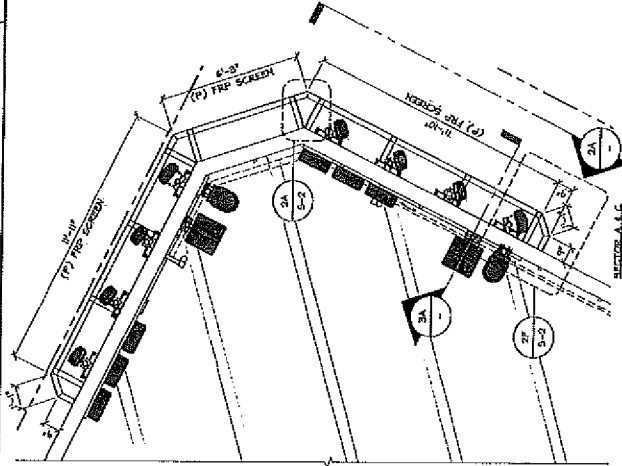


(B) ELEVATION

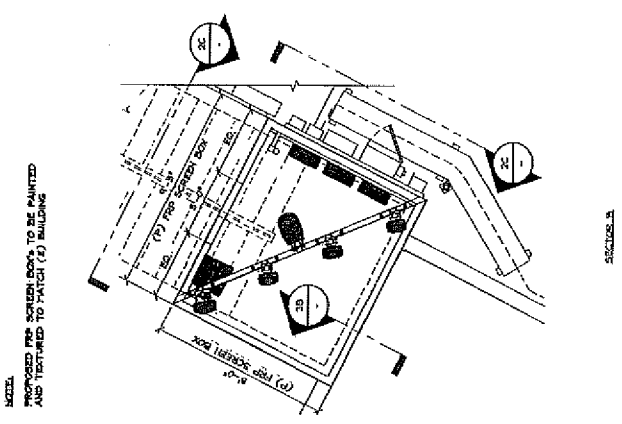


(C) ELEVATION

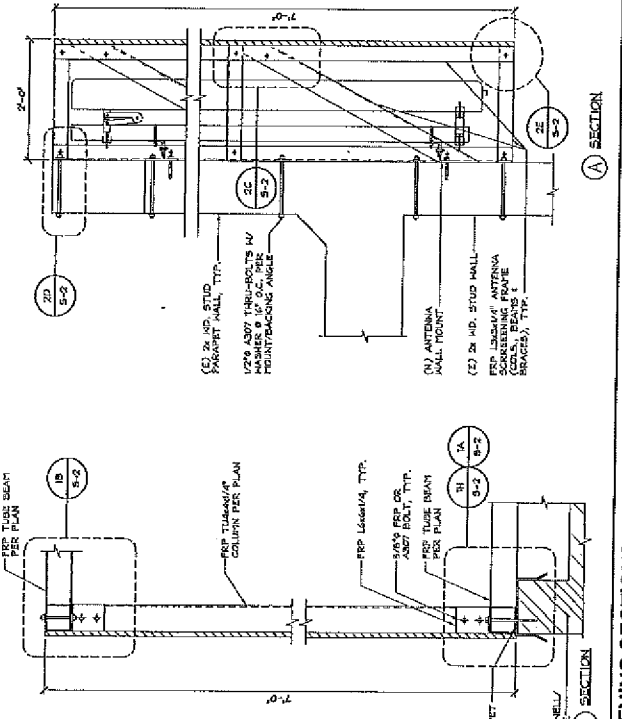
SCREEN ELEVATIONS



SCREENING PLAN VIEW



(A) SECTION



(B) SECTION

SCREENING SECTIONS

2

SCALE: 1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

1

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

SCALE: 1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

NOTES:
PROPOSED FRP SCREENING TO BE PAINTED AND TEXTURED TO MATCH (C) BUILDING.

(C) 3/4" HD. STUD WALL-
FRP LUSHA/AF, TYP.
1/2" X 4007 THRU-BOLTS W/
WASHERS & 1/2" O.C. PER
FOOTING/ANCHOR ANGLE

(C) ANTENNA
SMALL TOWER

(C) 3/4" HD. STUD WALL-
FRP LUSHA/AF, TYP.
SCREWS/FASTENERS
(CONS. BEATS &
BRACES), TYP.

(C) 3/4" HD. STUD WALL-
FRP LUSHA/AF, TYP.
1/2" X 4007 THRU-BOLTS W/
WASHERS & 1/2" O.C. PER
FOOTING/ANCHOR ANGLE

(C) ANTENNA
SMALL TOWER

(C) 3/4" HD. STUD WALL-
FRP LUSHA/AF, TYP.
SCREWS/FASTENERS
(CONS. BEATS &
BRACES), TYP.



480 ROSEWOOD DR. SUITE 403
PLEASANTON, CA 94588

VINCULUMS
875 LINDEN LANE, SUITE 205
MALIBU CREEK, CA 94030

ZALZALI ASSOCIATES, INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO.	
DRAWN BY:	RF
CHECKED BY:	DM
DATE	
NO.	
REV.	
DESCRIPTION	

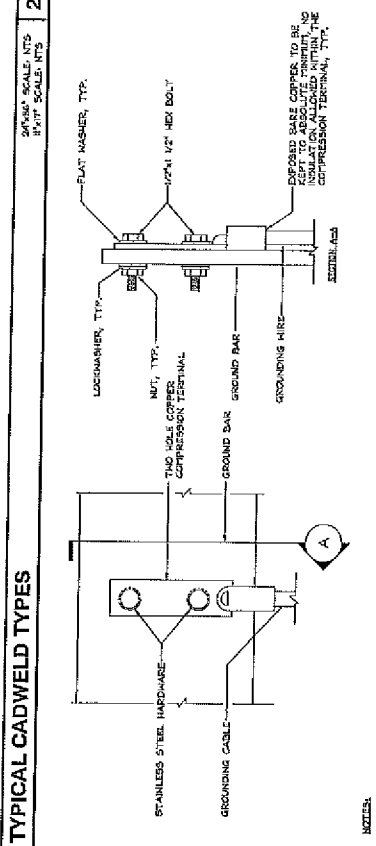
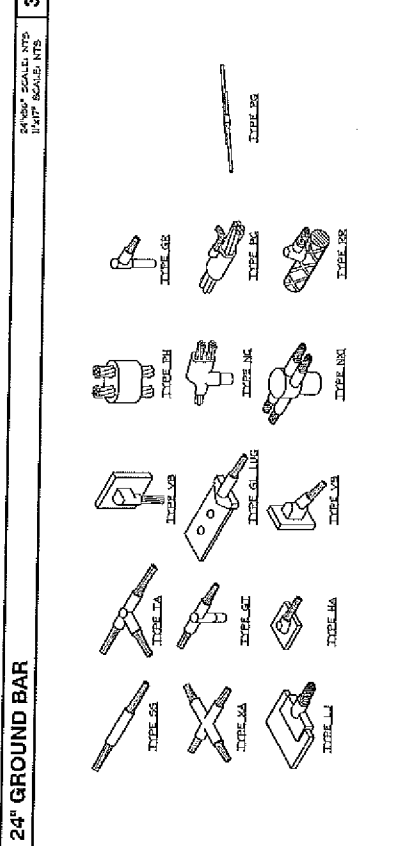
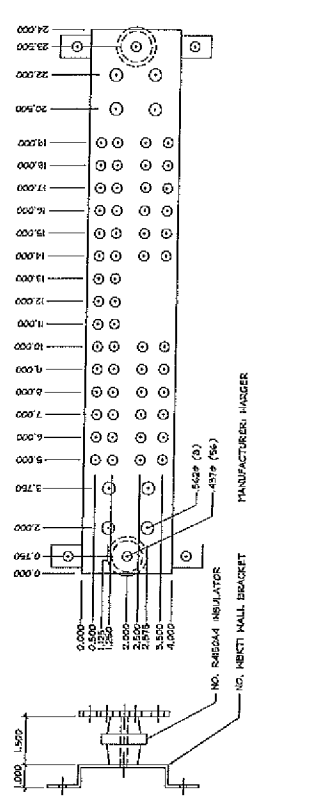


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING AS AN EMPLOYEE OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

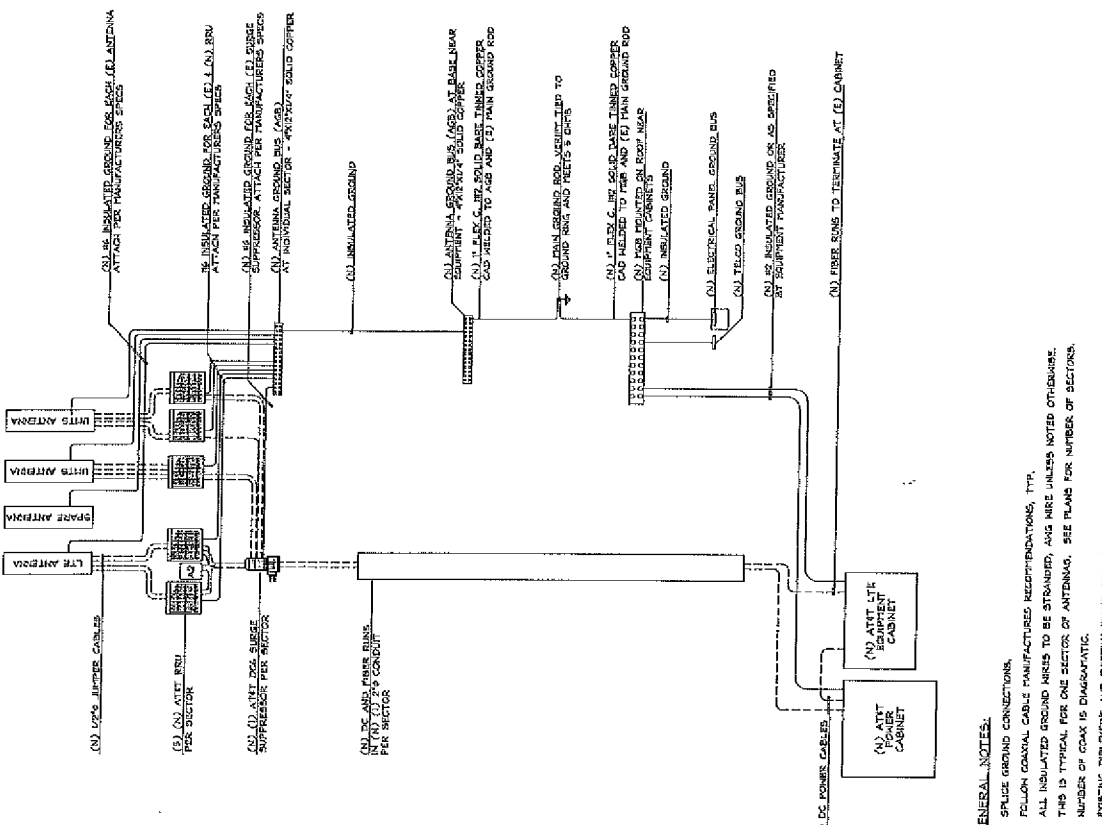
CNJ395D/FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

SHEET TITLE
GROUNDING SCHEMATIC
& GROUNDING DETAILS

SHEET NUMBER
G-1



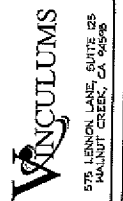
NOTES:
1. TORQUING UP OR STRIPPING OF CONNECTIONS IS NOT PERMITTED.
2. OXYD INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS AND TO BE APPLIED PRIOR TO ADDING WADONASE.



GENERAL NOTES:
1. SPURSE GROUND CONNECTIONS.
2. FOLLOW GENERAL CABLE MANUFACTURERS RECOMMENDATIONS, TYP.
3. ALL INSULATED GROUND BUSES TO BE STRANDED, AND WIRE UNLESS NOTED OTHERWISE.
4. THIS IS TYPICAL FOR ONE SECTOR OF ANTENNAS. SEE PLANS FOR NUMBER OF SECTIONS.
5. NUMBER OF COAX IS DIAGNOSTIC.
6. EXISTING SPLINERS AND EXISTING TYP'S NOT SHOWN FOR CLARITY.



480 ECHOLSWOOD DR. BUILD. #8
PLEASANTON, CA 94588



578 LENOX LAKE, SUITE #5
MALIBU, CA 90263



ZALZALI ASSOCIATES, INC.
2070 BUSINESS CENTER DRIVE
SUITE 200
IRVINE, CA 92612

PROJECT NO.	
DRAWN BY	RF
CHECKED BY	DM

REV	DATE	DESCRIPTION
B.	07/20/88	REV GPS FOR REDLINE
A.	07/20/88	REV GPS FOR REDLINE

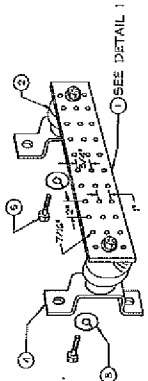
FOR NOT REVISION
USED

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING AS AN EMPLOYEE OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

CNU3950 / FA-10087900
12TH-MADISON
171 12TH STREET
OAKLAND, CA 94607
(ROOFTOP)

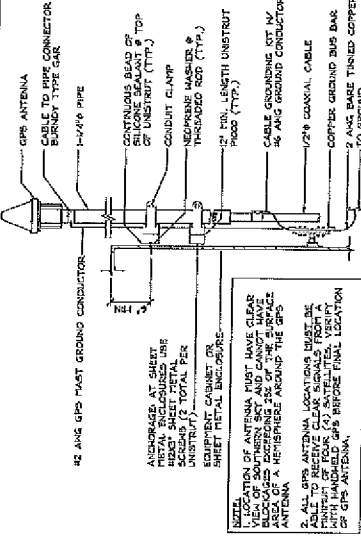
SHEET TITLE
GROUNDING DETAILS

SHEET NUMBER
G-2

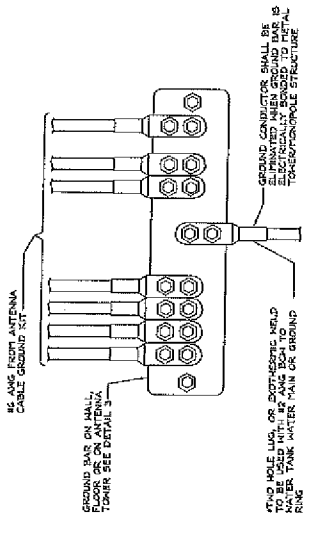


- LEGEND:
- CONDUCTOR SHALL BE 1/4" X 1/4" 20# NENTON INSTRUMENT CO. CAT. NO. B-642 OR EQUAL. WIRE SHALL BE 1/4" DIA. 20# NENTON INSTRUMENT CO. CAT. NO. B-642 OR EQUAL. WIRE SHALL BE 1/4" DIA. 20# NENTON INSTRUMENT CO. CAT. NO. B-642 OR EQUAL.
 - INSULATORS, NENTON INSTRUMENT CO. CAT. NO. 35644 OR EQUAL.
 - 2" X 1/4" LOCKWASHER, NENTON INSTRUMENT CO. CAT. NO. 35644 OR EQUAL.
 - 1/4" X 1/4" WASHERS, NENTON INSTRUMENT CO. CAT. NO. 35644 OR EQUAL.
 - INSULATORS SHALL BE EPOXY-RESIN WITH PROVISIONS TO INSURE PROPER CONNECTION TO TOWER/MONOPOLE STRUCTURE SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

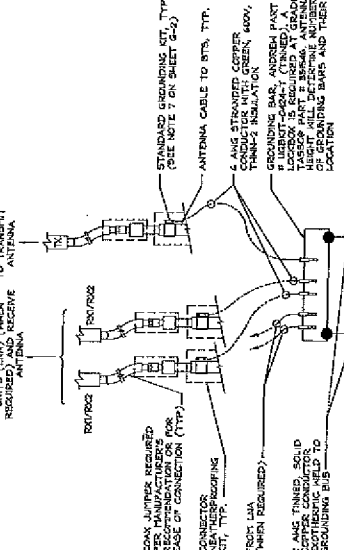
GROUNDING BAR DETAIL
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



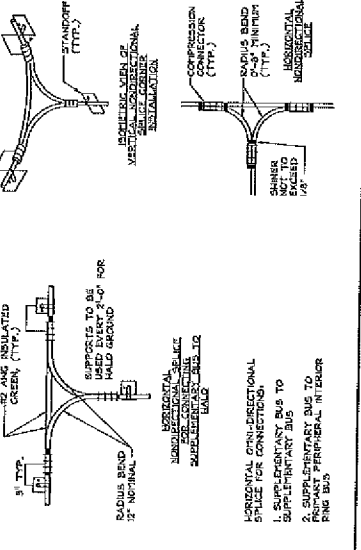
GPS ANTENNA GROUNDING DETAIL
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



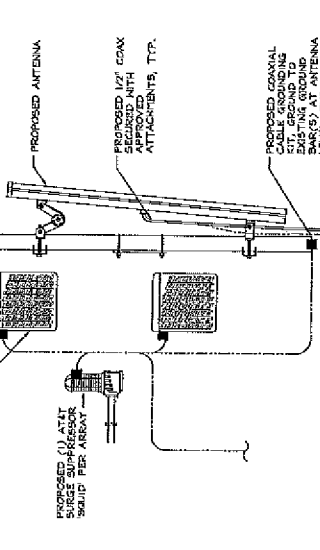
WIRE TO GROUND BAR CONNECTION
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



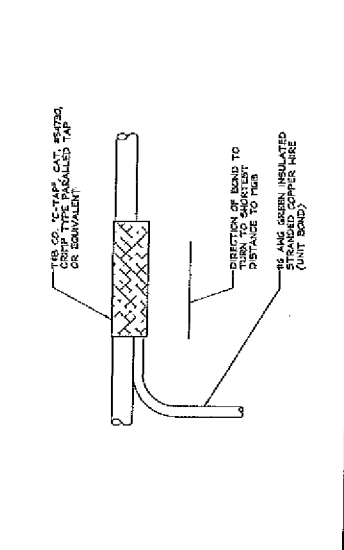
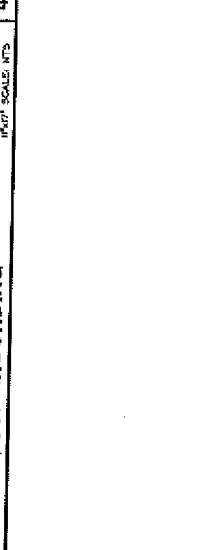
GROUNDING BAR CONNECTION
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



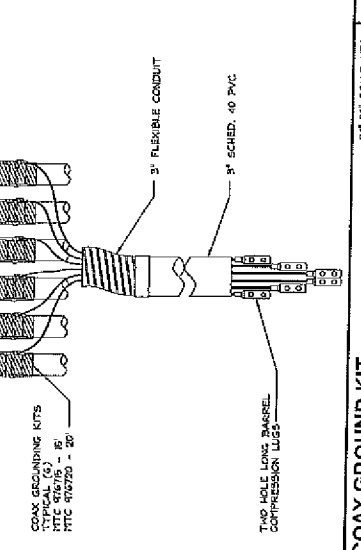
HALO GROUND (INDOOR RING)
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



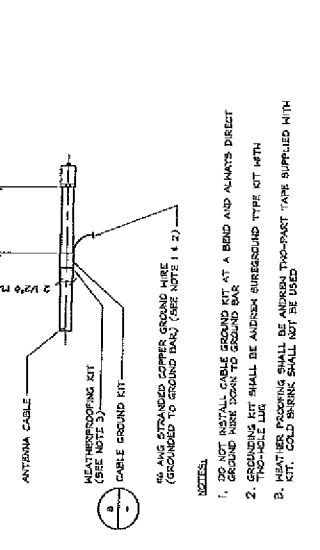
ANTENNA/RRU GROUNDING
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



GROUNDING WIRE CONNECTION
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



COAX GROUND KIT
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



CABLE GROUND KIT DETAIL
24"x36" SCALE NTS
1/4" = 1' SCALE NTS



NOTES:
1. DO NOT INSTALL CABLE GROUND KIT AT A BIRD AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BUS.
2. GROUNDING KIT SHALL BE ADDRESS SURROUND TYPE KIT WITH THO-HOLE LWR.
3. WEATHER PROOFING SHALL BE ADDRESS THO-PAST TYPE SUPPLIED WITH KIT. GILD BRINK SHALL NOT BE USED.