

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 9715262
Insp Area: 4

Site Address: 1765 CHALLENGE WY SAC
Parcel No: 2770272008

Sub-Type: ACOM
Housing (Y/N): N

CONTRACTOR

MICHAEL POOL
5036 COMMERCIAL CIR #C
CONCORD CA 94520
Phone: 510-682-7684

OWNER

CHALLENGE PROPERTIES
8022 FOLSOM-AUBURN RD
FOLSOM CA 95815
Phone:

ARCHITECT

Phone:

Nature of Work: INSTALLATION OF 1.0 METER V SAT ANTENNA

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-7 License Number 658014 Date 113097 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

Date 112597 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND Policy Number GR550VT-153-97

____ (This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 11-25-97 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO
 APPLICATION FOR BUILDING PERMIT
 DEPARTMENT OF PLANNING AND DEVELOPMENT
 BUILDING INSPECTION DIVISION
 1231 I Street, Room 200
 Sacramento, CA 95814
 (916) 264-7619 FAX 264-7646

WORKER'S COMP. POLICY # COMPANY

EXP. DATE

ADDRESS 1765 Challenge Way P.C. # CCP
 PARCEL # 277-0872-008 SUITE # _____
 AREA # 4C

CONTACT
 NAME Kristin Boelter
 ADDRESS 1765 Challenge Way
Sacramento ZIP 95825
 PHONE 916 446 7933 FAX: ()

LICENSED CONTRACTOR
 NAME Satellite Media Group
 ADDRESS 5036 Commercial Cir #C
Concord Ca. ZIP 94620
 PHONE 510 682 7684

ARCH./ENG.
 NAME _____
 ADDRESS _____
 PHONE _____ ZIP _____

OWNER/~~REDACTED~~
 NAME _____
 ADDRESS _____
 PHONE _____ ZIP _____

WILL THE PERMITEE HAVE ANY EMPLOYEE'S ON THE JOBSITE? YES NO
 NATURE OF WORK IN DETAIL: Installation of 1.0 Meter Vsat

Antenna

D.B.A. _____ VALUATION X
BELOW THIS LINE FOR BLDG. DEPT. USE ONLY

FLOOD STATUS _____ S.C.A.T. _____
 JOB DESCR. BLDG SHEL APT TI(-) REM() SW FIRE ADD OTH

INSP. DISCIPLINES BLDG MECH PLUMB ELEC SITE FIRE

# OF STORIES	AREA 1ST FL.	TOTAL AREA	USE ZONE	OCCUP. GROUP	CONST. TYPE	FIRE SPRINK.	FED. CODE	VIO. FILE
<u>B</u>	<u>L</u>	<u>P</u>	<u>M</u>	<u>E</u>	<u>F</u>	<u>S</u>	<u>D</u>	<u>R</u>
				<u>NONE</u>		<u>NONE</u>		

COMMENTS: provide antenna attachment details plus req'd engineering calculations

Antenna Ballast Calculation
=====

American Cancer Society

Wind Load Design Data

Sacramento, CA

Wind loads are calculated in accordance with ASCE 7-88 (formerly ANSI A58.1)

Wind: 75 mph, exposure C
Height of mount above grade: 28 ft

Base wind pressure: $Qz = 0.00256 * Kz * Gh * V^2 = 17.42$ psf

where:

$Kz = 2.58 * (Z/Zg)^{(2/\alpha)} = 0.96$

$Gh = 0.65 + 3.65 Tz = 1.26$

$Tz = (2.35 * Do^{-1/2}) / (z/30)^{(1/\alpha)}$

Z = Height of mount but not less than 10 ft
for exposure C

Zg = 900 alpha = 7.00 $Do = 0.005$

Sacramento Building Division
NOV 22 1991
ISSUED

Satellite Antenna and Mount Data

Antenna is 1.0M Reg with: Projected surface area = 9.63 sq ft
Weight including electronics = 76.00 lbs
Top/mast to center/reflector = 0.29 ft

Mount is Prodelin 6.5x6.5 : In place weight = 85.00 lbs
Plan dimensions of 6.50 x 6.50 ft
Top/mast above roof surface = 2.50 ft

Total wind load : $P = 1.5(\text{shape factor}) * Qz * \text{Area} = 251.63$ lbs \leftarrow CONTR

Overturning Calculation

SEISMIC $\Rightarrow F_D = 2IC_pW_p$

$= 0.4(1)(2.0)(76 + 85) = 129$ LBS

M-OT = P wind * (height of mount + distance to center) = 702.05 ft lbs

M-R = (antenna weight + mount weight + ballast block) * (mount base / 2)
with 199 pounds of ballast M-R = 1,170.00 ft lbs

S.F. = M-R / M-OT = 1.67 \geq 1.5 -----> OK

Sliding Calculation

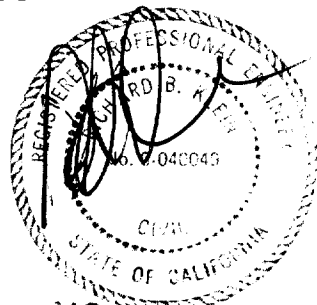
R = dead load * coefficient of friction
= (mount + antenna + ballast) * 0.70 for Tar & Gravel Roof

R = 252.00 \geq P-wind -----> OK

Summary
=====

Antenna: 1.0M Reg
Wind Speed: 75 mph
Roof Height: 28 ft

Mount: Prodelin 6.5x6.5
Exposure: C
Type: Tar & Gravel



NOV 11 1991

BALLAST REQUIRED 199 LBS

TOTAL ROOF LOAD 360.00 POUNDS OVER 6.50 x 6.50 AREA - 8.52 PSF

WT GRAVEL BUR # - 4 PSF ROCK WILL
BE SWEEP AWAY @ MOUNT LOCATION
TOTAL LOAD 360# OR 8 PSF OK //

Satellite Media Group

To Whom It May Concern:

Let this letter serve as authorization for ANTHONY MATEO who is an employee of our company Satellite Media Group, Inc., to sign on my behalf as representative for our Contractors License.

License # 658014 (C-7 Low Voltage)
Expiration Date of 11/30/97



Michael Pool
Licensee

Date 11/20/97

Planning Division COMMERCIAL PRELIMINARY Information Request

BUILDING CHECK ONE:

- Over the counter review and issue permit _____
- Will be taken in and reviewed for site conditions _____
- Will be taken in but not reviewed for site conditions _____
- Information only, pre-submittal information _____

Customer Name: _____ Phone Number: _____

Project address: 1765 Challenger Way
APN: 277-0272-008 Current site use: _____

Need to verify AN, Proposed Site use: _____

Describe what is being requested: APPROVAL & COMMENTS

Install 10 meter V. sat
antenna FOR AMERICAN CANCER SOCIETY

Requested by: _____ Date: _____

Zone SC Overlay / SPD / PUD / R-review _____

- Planning staff Review required _____
- Planning Hearing required _____
- Design Review required _____
- No Planning Issues
- Counter ok review by site cond. _____

Prior Applications on site P# _____ Z# _____

DR# _____ PB# _____ IR# _____

Comments: ONLY FOR DATA COMMUNICATIONS.

Planning review by: H. Perry

Date: 10.20.97

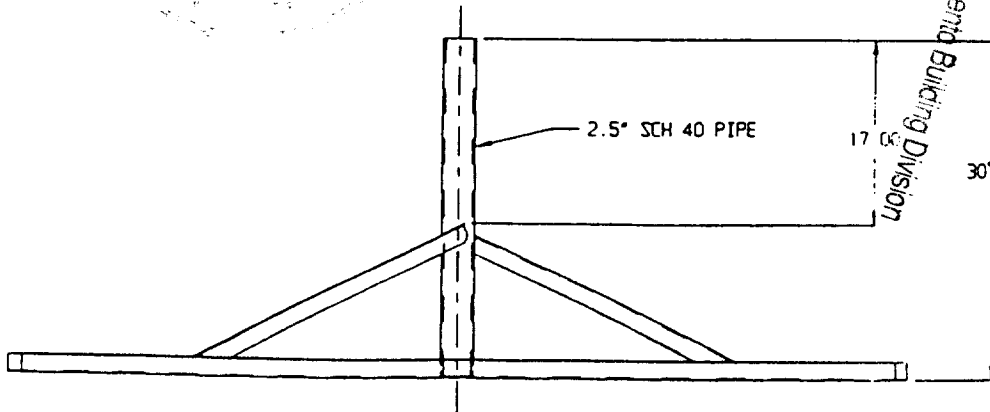
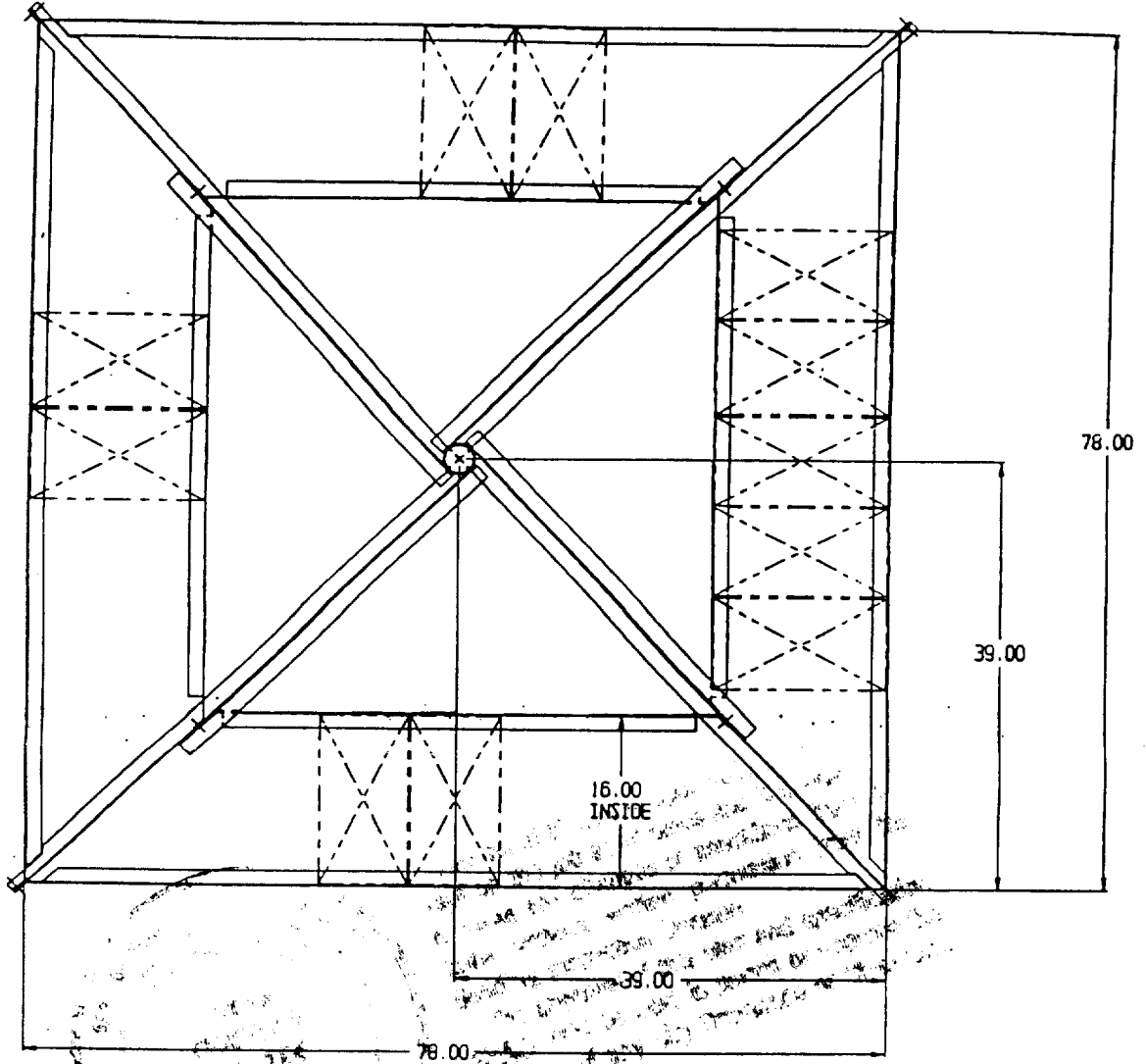
MUST BE REVIEWED BY PLANNING

- | | | |
|-----------------|----------------------|---------------|
| Care Facilities | Anything Residential | Restaurants |
| Churches | Day care | Sidewalk Cafe |
| Drive-through | Lot Line adjustments | |
| Medical Offices | Bars | |

Security codes
CELLULAR COMMUNICATION FACILITIES



3

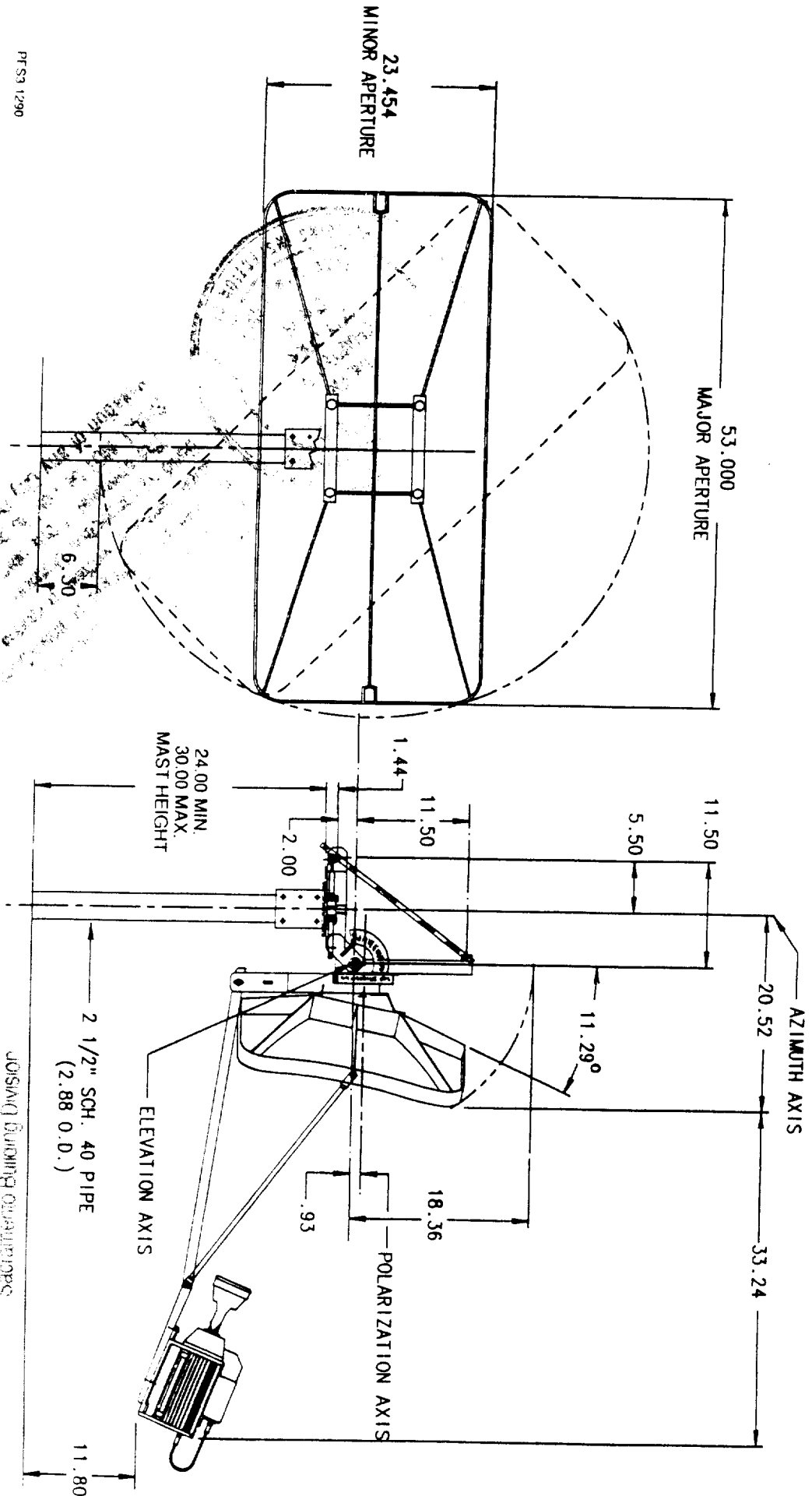


6.5 x 6.5 MOUNT (INCLUDES PADS)
PRODELIN #0800-1050

Sacramento Building Division

NOV 22 1999

ISSUED

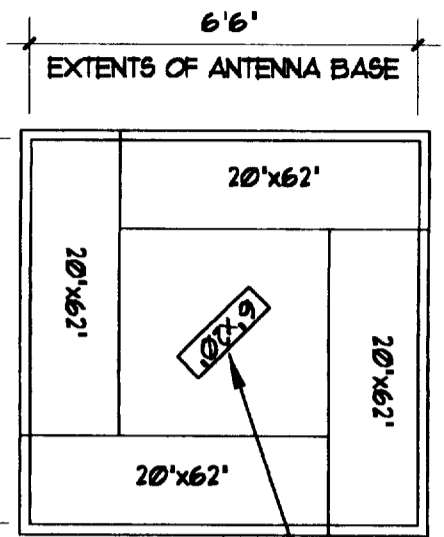


PFS3 1290

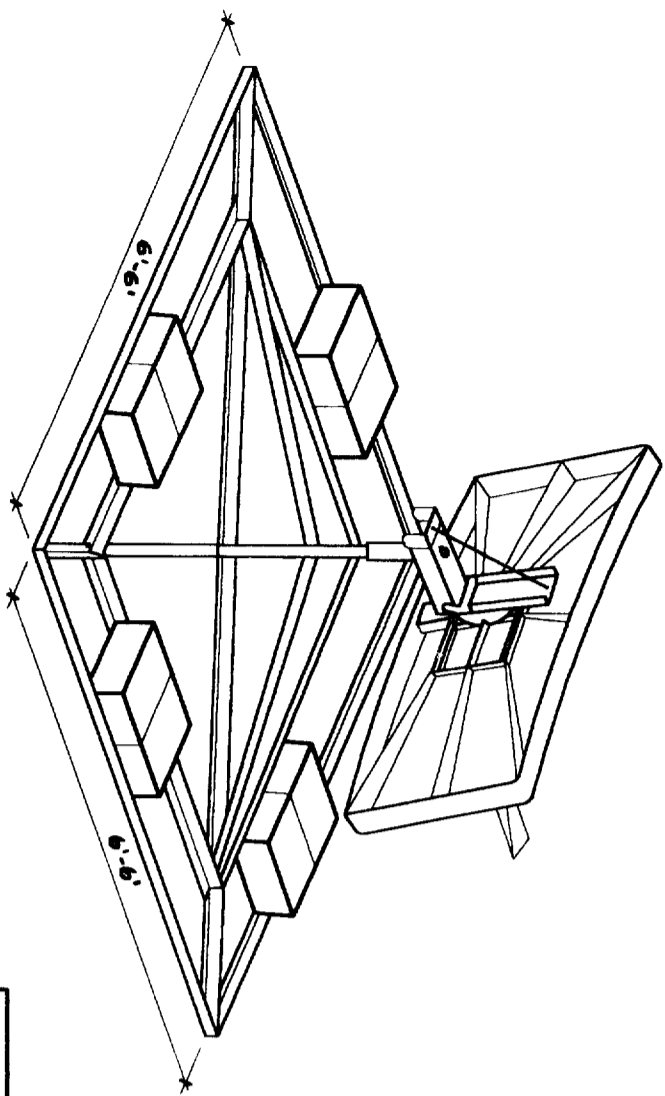
Figure 4. 1.0M Antenna Outline Drawing

6661 2 6 400

GERISSI



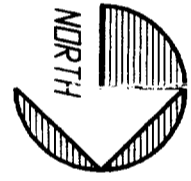
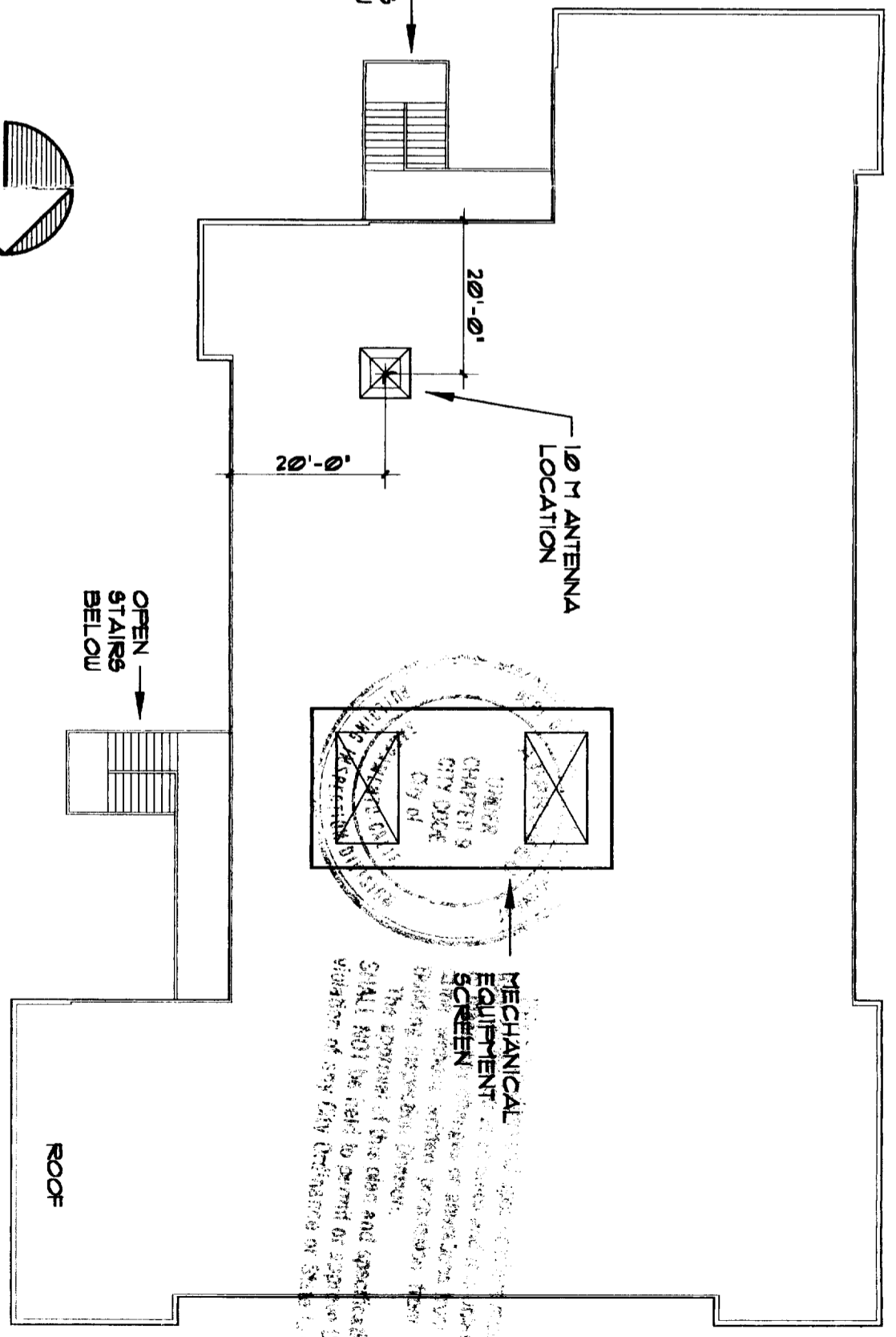
EXTENTS OF ANTENNA BASE
RUBBER MATS



10 METER DISH W/ NPM
BALLAST INDICATED AT TITLE BLOCK IS TOTAL REQUIRED. DISTRIBUTE EQUALLY ON ALL 4 SIDES OF MOUNT.

Sacramento Building Division

ISSUED
NOV 22 1997

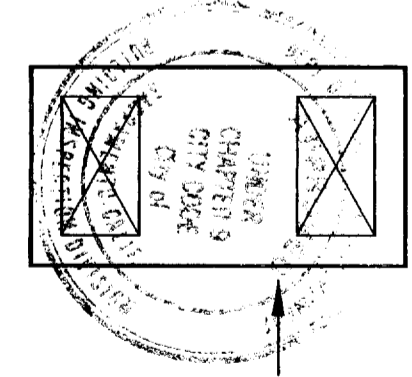


PLAN VIEW LOCATION AT ROOF

NOTES:
- INSTALL ANTENNA AS LOW AS POSSIBLE.
- ANTENNA WILL NOT BE VISIBLE FROM GROUND DUE TO LOCATION, ROOF ELEVATION, PARAPET HEIGHT AND LOW INSTALLATION.
- FINAL LOCATION OF ANTENNA MAY VARY.

ALL DIMENSIONS TO BE FIELD VERIFIED BY CONTRACTOR

PROJECT: ANTENNA - AMERICAN CANCER SOCIETY	SITE NO. ---	DATE: 10/5/97	JDP
ADDRESS: 1765 CHALLENGE WAY SACRAMENTO, CALIFORNIA	REVISION:	NOV 11 1997	
ANTENNA SIZE: 10 METER ANTENNA	DESIGN: 15 MPH, EXP C SEISMIC ZONE 4	SEAL:	
BLDG. CODE: 1994 UBC	BASE TYPE: NPM W/ 200 LBS. BALLAST		
KLEIN ENGINEERING GROUP STRUCTURAL ENGINEERS 601 BRICKELL KEY DRIVE, SUITE 406, MIAMI FL 33131 (305) 358-3150 FAX (305) 358-3152			



MECHANICAL EQUIPMENT SCREEN
The location of this case and specifying SHALL NOT be held to account or liable for violation of any City Ordinance or State Law.