

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 0108217**  
**Insp Area: 4**

**Site Address: 670 HAWKCREST CR SAC**  
Parcel No: 225-1580-004 LOT 4 WESTBOROUGH 3-1

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

**CONTRACTOR**  
MERITAGE HOMES OF NORTHERN CALIFORNIA INC  
MERITAGE HOMES OF NORTHERN CALIFORNIA INC  
1631 CREEKSIDE DR. STE. 102  
FOLSOM CAL. 95630

**OWNER**  
1631 CREEKSIDE DR. STE. 102  
FOLSOM CAL. 95630

**ARCHITECT**

**Nature of Work: TEMPORARY SALES TRAILER TO BE REMOVED WHEN MODELS ARE COMPLETE.**

**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. 8097, Civ. Code)

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 B License Number 755679 Date 6/28/01 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 License 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/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/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 shall not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 6/28/01 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 CLARENDON NATIONAL INSURANCE Policy Number SCTGCO1160700 Exp Date 07/01/2001

(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 6/28/01 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.**

# Memo

**To:** Mr. David M. Hay  
**From:** Bill Youngblood  
**CC:** None  
**Date:** 06/28/01  
**Re:** **Request for Sales Trailer Permit**

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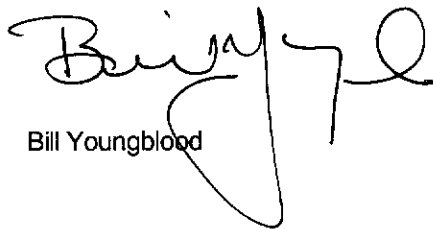
Dear Mr. Hay:

Let this letter serve as our application for a temporary sales trailer permit for our Westlake project. Find attached the following:

1. A copy of the model complex permit;
2. Two copies of the site plan indicating the location of the trailer (Lot 4);
3. State approved drawings for the foundation and marriage details for the trailer;
4. And electrical load calculations.

The trailer is set approximately one foot below pad grade to accommodate handicap access. The trailer is not buried. No steel ramp or stairs are utilized on this project. Prospective buyers will access the sales trailer via the public sidewalk. Parking will be provided on street. We have a temporary pump available on site in the event that water accumulates under the trailer. We do not expect any during the summer dry season. Since we will be removing the trailer in late September, we anticipate no need for a permanent drainage plan for winter storms.

Thanks for your help.



Bill Youngblood



RECEIVED  
JUN 20 2001  
MERITAGEHOMES

CITY OF SACRAMENTO  
CALIFORNIA

DEPARTMENT OF  
NEIGHBORHOODS,  
PLANNING AND DEVELOPMENT

1231 I STREET  
ROOM 200  
SACRAMENTO, CA  
95814-2998

## Investigation & Report

<b>Applicant:</b>	<u>Meritage Homes of Northern California</u>	<b>Date:</b>	<u>June 19, 2001</u>
<b>Mailing Address:</b>	<u>1631 Creekside Drive, Suite 102</u>	<b>Phone:</b>	<u>(916) 984-7950</u>
	<u>Folsom, CA 95630</u>	<b>Fax:</b>	<u></u>
<b>Assessor's Parcel #:</b>	<u>225-1580-045, 046, 047, 048, 003 &amp; 004</u>	<b>Existing Zoning:</b>	<u>R1-PUD</u>
<b>Property Address:</b>	<u>7, 8 &amp; 11 Una Place; 670, 680 &amp; 681</u>	<b>Land Use:</b>	<u>Vacant</u>
	<u>Hawkcrest Circle</u>		

**Information Desired:** Application for a Model Home Complex Zoning Administrator's Review for the construction of three model homes. The model homes consist of two two-story homes and one home that is one story. The model home on APN: 225-1580-046 (8 Una Place) will contain a welcome home center in the finished garage.

**Findings and Comments:** The application for the Model home Complex is complete. The site plans, floor plans, elevations, and a copy of the approved subdivision map have been provided as part of this application. The plans have been reviewed by staff for substantial conformance to the Planning Director's Special Permit, P00-172.

All proposed buildings shall comply with the requirements of the Westborough PUD and Planning Director's Special Permit P00-172, e.g. all height, area, and setback requirements. Construction of the model homes requires obtaining all necessary building permits. In compliance with the drought tolerant landscaping requirement for model home complexes of three or more models, a Water Conservation Landscape and Irrigation plan has been submitted and approved by the City Landscape Architect. The model home on APN: 225-1580-046 (8 Una Place) will be drought tolerant. Please note that the customer handout which discusses drought tolerance must still be submitted to the City Landscape Architect for approval.

The model home complex permit will expire two years from the initial date of issuance. The Zoning Administrator may renew the permit for up to one year, but only upon receipt of written request at least thirty days prior to the expiration of the permit. Upon expiration of this permit, or upon completion of the use of the model homes for display, whichever happens first, the trap fence, any signage, temporary lighting, and the walkway linking the models will be removed; driveways will be put in place and the welcome home center will be converted back into a garage.

I&R# 01-078

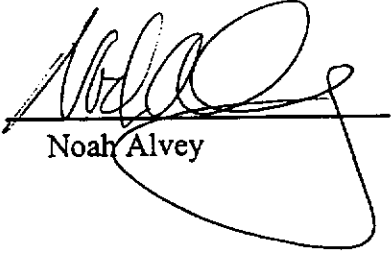
Additional items to be removed include:

APN: 225-1580-004, the temporary sales trailer

APN: 225-1580-003, the gazebo and walkway

APN: 225-1580-045, the parking lot, trellis and the walkway that connects to the sales office .

Investigated By:

  
Noah Alvey

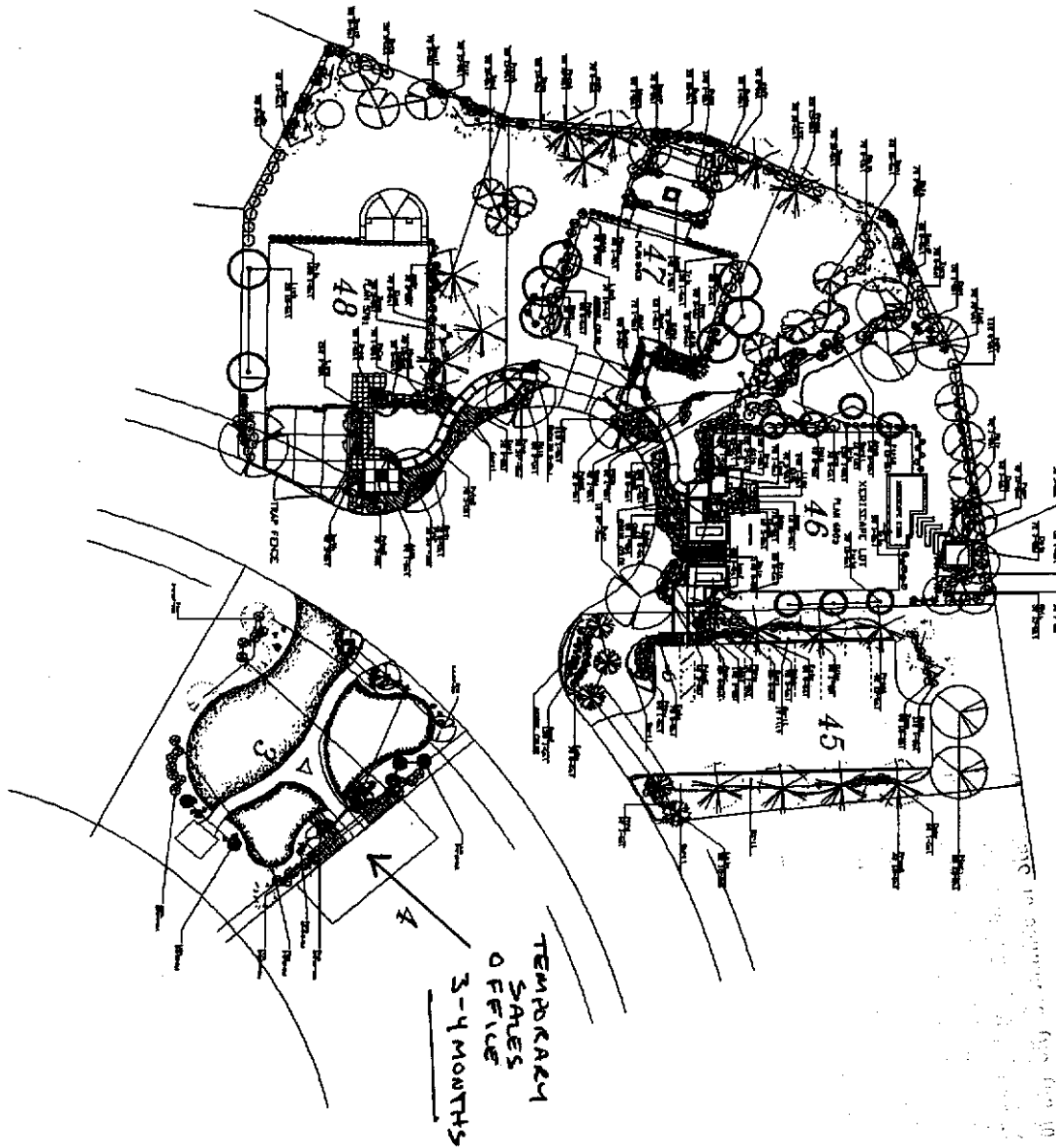
Date:

6.19.2001



I&R#

01-078



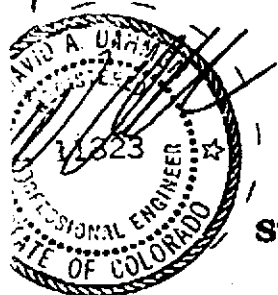
TEMPORARY  
SALES  
OFFICE  
3-4 MONTHS

WATER USE CALCULATION

ITEM	AMOUNT	UNIT	WATER USE
1	100	sq ft	100
2	200	sq ft	200
3	300	sq ft	300
4	400	sq ft	400
5	500	sq ft	500
6	600	sq ft	600
7	700	sq ft	700
8	800	sq ft	800
9	900	sq ft	900
10	1000	sq ft	1000

PLANT LIST

PLANT CODE	PLANT NAME	QUANTITY	PLANT SIZE	PLANT TYPE	PLANT DESCRIPTION
T-101	Tree	10	12"	Deciduous	...
T-102	Tree	15	18"	Deciduous	...
T-103	Tree	20	24"	Deciduous	...
T-104	Tree	25	30"	Deciduous	...
T-105	Tree	30	36"	Deciduous	...
T-106	Tree	35	42"	Deciduous	...
T-107	Tree	40	48"	Deciduous	...
T-108	Tree	45	54"	Deciduous	...
T-109	Tree	50	60"	Deciduous	...
T-110	Tree	55	66"	Deciduous	...
T-111	Tree	60	72"	Deciduous	...
T-112	Tree	65	78"	Deciduous	...
T-113	Tree	70	84"	Deciduous	...
T-114	Tree	75	90"	Deciduous	...
T-115	Tree	80	96"	Deciduous	...
T-116	Tree	85	102"	Deciduous	...
T-117	Tree	90	108"	Deciduous	...
T-118	Tree	95	114"	Deciduous	...
T-119	Tree	100	120"	Deciduous	...
T-120	Tree	105	126"	Deciduous	...
T-121	Tree	110	132"	Deciduous	...
T-122	Tree	115	138"	Deciduous	...
T-123	Tree	120	144"	Deciduous	...
T-124	Tree	125	150"	Deciduous	...
T-125	Tree	130	156"	Deciduous	...
T-126	Tree	135	162"	Deciduous	...
T-127	Tree	140	168"	Deciduous	...
T-128	Tree	145	174"	Deciduous	...
T-129	Tree	150	180"	Deciduous	...
T-130	Tree	155	186"	Deciduous	...
T-131	Tree	160	192"	Deciduous	...
T-132	Tree	165	198"	Deciduous	...
T-133	Tree	170	204"	Deciduous	...
T-134	Tree	175	210"	Deciduous	...
T-135	Tree	180	216"	Deciduous	...
T-136	Tree	185	222"	Deciduous	...
T-137	Tree	190	228"	Deciduous	...
T-138	Tree	195	234"	Deciduous	...
T-139	Tree	200	240"	Deciduous	...
T-140	Tree	205	246"	Deciduous	...
T-141	Tree	210	252"	Deciduous	...
T-142	Tree	215	258"	Deciduous	...
T-143	Tree	220	264"	Deciduous	...
T-144	Tree	225	270"	Deciduous	...
T-145	Tree	230	276"	Deciduous	...
T-146	Tree	235	282"	Deciduous	...
T-147	Tree	240	288"	Deciduous	...
T-148	Tree	245	294"	Deciduous	...
T-149	Tree	250	300"	Deciduous	...
T-150	Tree	255	306"	Deciduous	...
T-151	Tree	260	312"	Deciduous	...
T-152	Tree	265	318"	Deciduous	...
T-153	Tree	270	324"	Deciduous	...
T-154	Tree	275	330"	Deciduous	...
T-155	Tree	280	336"	Deciduous	...
T-156	Tree	285	342"	Deciduous	...
T-157	Tree	290	348"	Deciduous	...
T-158	Tree	295	354"	Deciduous	...
T-159	Tree	300	360"	Deciduous	...
T-160	Tree	305	366"	Deciduous	...
T-161	Tree	310	372"	Deciduous	...
T-162	Tree	315	378"	Deciduous	...
T-163	Tree	320	384"	Deciduous	...
T-164	Tree	325	390"	Deciduous	...
T-165	Tree	330	396"	Deciduous	...
T-166	Tree	335	402"	Deciduous	...
T-167	Tree	340	408"	Deciduous	...
T-168	Tree	345	414"	Deciduous	...
T-169	Tree	350	420"	Deciduous	...
T-170	Tree	355	426"	Deciduous	...
T-171	Tree	360	432"	Deciduous	...
T-172	Tree	365	438"	Deciduous	...
T-173	Tree	370	444"	Deciduous	...
T-174	Tree	375	450"	Deciduous	...
T-175	Tree	380	456"	Deciduous	...
T-176	Tree	385	462"	Deciduous	...
T-177	Tree	390	468"	Deciduous	...
T-178	Tree	395	474"	Deciduous	...
T-179	Tree	400	480"	Deciduous	...
T-180	Tree	405	486"	Deciduous	...
T-181	Tree	410	492"	Deciduous	...
T-182	Tree	415	498"	Deciduous	...
T-183	Tree	420	504"	Deciduous	...
T-184	Tree	425	510"	Deciduous	...
T-185	Tree	430	516"	Deciduous	...
T-186	Tree	435	522"	Deciduous	...
T-187	Tree	440	528"	Deciduous	...
T-188	Tree	445	534"	Deciduous	...
T-189	Tree	450	540"	Deciduous	...
T-190	Tree	455	546"	Deciduous	...
T-191	Tree	460	552"	Deciduous	...
T-192	Tree	465	558"	Deciduous	...
T-193	Tree	470	564"	Deciduous	...
T-194	Tree	475	570"	Deciduous	...
T-195	Tree	480	576"	Deciduous	...
T-196	Tree	485	582"	Deciduous	...
T-197	Tree	490	588"	Deciduous	...
T-198	Tree	495	594"	Deciduous	...
T-199	Tree	500	600"	Deciduous	...
T-200	Tree	505	606"	Deciduous	...
T-201	Tree	510	612"	Deciduous	...
T-202	Tree	515	618"	Deciduous	...
T-203	Tree	520	624"	Deciduous	...
T-204	Tree	525	630"	Deciduous	...
T-205	Tree	530	636"	Deciduous	...
T-206	Tree	535	642"	Deciduous	...
T-207	Tree	540	648"	Deciduous	...
T-208	Tree	545	654"	Deciduous	...
T-209	Tree	550	660"	Deciduous	...
T-210	Tree	555	666"	Deciduous	...
T-211	Tree	560	672"	Deciduous	...
T-212	Tree	565	678"	Deciduous	...
T-213	Tree	570	684"	Deciduous	...
T-214	Tree	575	690"	Deciduous	...
T-215	Tree	580	696"	Deciduous	...
T-216	Tree	585	702"	Deciduous	...
T-217	Tree	590	708"	Deciduous	...
T-218	Tree	595	714"	Deciduous	...
T-219	Tree	600	720"	Deciduous	...
T-220	Tree	605	726"	Deciduous	...
T-221	Tree	610	732"	Deciduous	...
T-222	Tree	615	738"	Deciduous	...
T-223	Tree	620	744"	Deciduous	...
T-224	Tree	625	750"	Deciduous	...
T-225	Tree	630	756"	Deciduous	...
T-226	Tree	635	762"	Deciduous	...
T-227	Tree	640	768"	Deciduous	...
T-228	Tree	645	774"	Deciduous	...
T-229	Tree	650	780"	Deciduous	...
T-230	Tree	655	786"	Deciduous	...
T-231	Tree	660	792"	Deciduous	...
T-232	Tree	665	798"	Deciduous	...
T-233	Tree	670	804"	Deciduous	...
T-234	Tree	675	810"	Deciduous	...
T-235	Tree	680	816"	Deciduous	...
T-236	Tree	685	822"	Deciduous	...
T-237	Tree	690	828"	Deciduous	...
T-238	Tree	695	834"	Deciduous	...
T-239	Tree	700	840"	Deciduous	...
T-240	Tree	705	846"	Deciduous	...
T-241	Tree	710	852"	Deciduous	...
T-242	Tree	715	858"	Deciduous	...
T-243	Tree	720	864"	Deciduous	...
T-244	Tree	725	870"	Deciduous	...
T-245	Tree	730	876"	Deciduous	...
T-246	Tree	735	882"	Deciduous	...
T-247	Tree	740	888"	Deciduous	...
T-248	Tree	745	894"	Deciduous	...
T-249	Tree	750	900"	Deciduous	...
T-250	Tree	755	906"	Deciduous	...
T-251	Tree	760	912"	Deciduous	...
T-252	Tree	765	918"	Deciduous	...
T-253	Tree	770	924"	Deciduous	...
T-254	Tree	775	930"	Deciduous	...
T-255	Tree	780	936"	Deciduous	...
T-256	Tree	785	942"	Deciduous	...
T-257	Tree	790	948"	Deciduous	...
T-258	Tree	795	954"	Deciduous	...
T-259	Tree	800	960"	Deciduous	...
T-260	Tree	805	966"	Deciduous	...
T-261	Tree	810	972"	Deciduous	...
T-262	Tree	815	978"	Deciduous	...
T-263	Tree	820	984"	Deciduous	...
T-264	Tree	825	990"	Deciduous	...
T-265	Tree	830	996"	Deciduous	...
T-266	Tree	835	1002"	Deciduous	...
T-267	Tree	840	1008"	Deciduous	...
T-268	Tree	845	1014"	Deciduous	...
T-269	Tree	850	1020"	Deciduous	...
T-270	Tree	855	1026"	Deciduous	...
T-271	Tree	860	1032"	Deciduous	...
T-272	Tree	865	1038"	Deciduous	...
T-273	Tree	870	1044"	Deciduous	...
T-274	Tree	875	1050"	Deciduous	...
T-275	Tree	880	1056"	Deciduous	...
T-276	Tree	885	1062"	Deciduous	...
T-277	Tree	890	1068"	Deciduous	...
T-278	Tree	895	1074"	Deciduous	...
T-279	Tree	900	1080"	Deciduous	...
T-280	Tree	905	1086"	Deciduous	...
T-281	Tree	910	1092"	Deciduous	...
T-282	Tree	915	1098"	Deciduous	...
T-283	Tree	920	1104"	Deciduous	...
T-284	Tree	925	1110"	Deciduous	...
T-285	Tree	930	1116"	Deciduous	...
T-286	Tree	935	1122"	Deciduous	...
T-287	Tree	940	1128"	Deciduous	...
T-288	Tree	945	1134"	Deciduous	...
T-289	Tree	950	1140"	Deciduous	...
T-290	Tree	955	1146"	Deciduous	...
T-291	Tree	960	1152"	Deciduous	...
T-292	Tree	965	1158"	Deciduous	...
T-293	Tree	970	1164"	Deciduous	...
T-294	Tree	975	1170"	Deciduous	...
T-295	Tree	980	1176"	Deciduous	...
T-296	Tree	985	1182"	Deciduous	...
T-297	Tree	990	1188"	Deciduous	...
T-298	Tree	995	1194"	Deciduous	...
T-299					



# SAC INDUSTRIES FOUNDATION

## COMMERCIAL COACH STANDARD CHASSIS PERMANENT FOUNDATION PLAN

### GENERAL NOTES

#### DESIGN LOADS:

- WIND LOAD 70/85/100 MPH EXPOSURE "C" \* SEISMIC ZONE 4
- FLOOR LIVE LOAD --50PSF-125PSF \* ROOF LIVE LOAD --20PSF/40PSF/80PSF
- SOIL BEARING --1,000PSF

THE DESIGN LOADS SHALL BE CONSISTANT WITH ROOF LIVE LOAD, WIND LOAD, AND SEISMIC ZONE AS ESTABLISHED FOR PERMANENT BUILDINGS WITHIN A SPECIFIC LOCAL AREA. THIS FOUNDATION PLAN IS DESIGNED PER 1994 UNIFORM BUILDING CODE, AND IS TO BE USED WITH ALL STANDARD CHASSIS COMMERCIAL COACHES.

THIS FOUNDATION IS FOR PLACING COMMERCIAL COACHES CONSTRUCTED WITH CROSS OR LONGITUDINAL FLOOR JOISTS.

THIS FOUNDATION PLAN IS DESIGNED TO BE CONSTRUCTED ON A FAIRLY LEVEL SITE WITH NO EXISTING SOIL PROBLEMS.

FOUNDATION PADS OR CONCRETE FOOTINGS FOR RIDGE BEAM SUPPORTS SHALL BE LOCATED AND SIZED FOR THE LOADS AS SHOWN IN THE COMMERCIAL COACH INSTALLATION INSTRUCTIONS.

CARRY ALL CONCRETE FOOTINGS DOWN TO FIRM, UNDISTURBED SOIL. FOOTINGS SHALL EXTEND BELOW PREVAILING FROST LINE WHERE REQUIRED BY LOCAL AND STATE ORDINANCES AND CODES. FOOTINGS ARE DESIGNED FOR 1,000 PSF TOTAL SOIL BEARING PRESSURE AND SHALL BE COMPATIBLE WITH LOCAL SOIL CONDITIONS.  
\* CONCRETE = 2,000 PSI @ 28 DAYS

IN AREAS WHERE DIFFERENTIAL SETTLEMENT (D.S.) CAN OCCURE, THE COMMERCIAL COACH SHALL BE READJUSTED WHEN (D.S.) EXCEEDS 1/4", OR WHEN IT ADVERSELY AFFECTS THE UNITS.

\* STRUCTURAL STEEL \* FABRICATE ACCORDING TO 1986 AISC SPECS. \* WELD ACCORDING TO 1990 AWS SPECS. \* ELECTRODES E70 \* BOLTS SAE GR. 5 ASTM A449, ASTM A325 \* #12 SMS TO BE 12-24 x 7/8" HEX HEAD TEKS/4 BY BUILDEX OR EQUIVALENT.

PIERS SHALL BE COATED WITH RUST RESISTANT COATING, AND SHALL BE LISTED AND LABELED FOR THE FOLLOWING LOAD:  
\* VERTICAL = 6,000 LBS. MAXIMUM

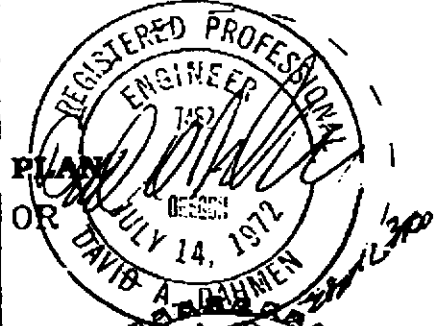
TIE DOWNS SHALL BE COATED WITH RUST RESISTANT COATING, AND SHALL BE TESTED FOR THE FOLLOWING LOAD:  
\* 4,750 LBS. MINIMUM TOTAL LOAD CAPACITY \* 3,150 LBS. WORKING LOAD CAPACITY

STRAPS SHALL MEET FEDERAL SPECIFICATION QQ-S-781H FOR TYPE 1, CLASS B, GRADE 1 STRAPPING -- 1 1/4" x .035 ZINC PLATED FOR THE FOLLOWING LOAD:  
\* LATERAL = 3,150 LBS. MAXIMUM

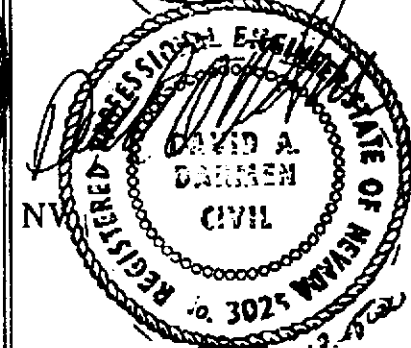
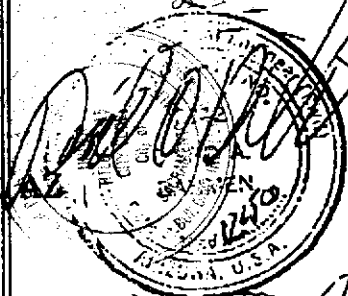
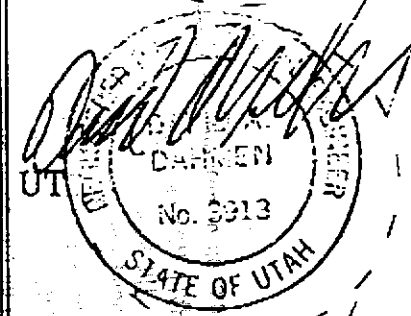
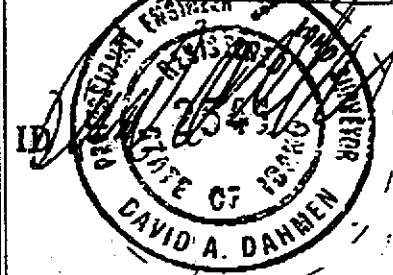
UNDER FLOOR VENTILATION OPENINGS IN EXTERIOR PERIMETER ENCLOSURE WALLS SHALL BE NOT LESS THAN ONE SQUARE FOOT FOR EACH 150 SQUARE FOOT OF FLOOR AREA.

**NOTICE TO CONTRACTORS:** IT IS THE FOUNDATION CONTRACTORS RESPONSIBILITY TO VERIFY DIMENSIONS I.E. ACTUAL WIDTH AND LENGTH OF UNIT, CHASSIS SPACING AND RIDGE BEAM SUPPORT LOCATIONS WHERE APPLICABLE BEFORE CONSTRUCTING FOUNDATION.

### ENGINEER APPROVAL



EXPIRES: 7/14/72



### STRUCTURAL APPROVAL HEALTH AND SAFETY CODE, SECTION TEST

APPROVED

SUBJECT TO CORRECTIONS NOTED

APPROVAL DOES NOT AUTHORIZE OR APPROVE ANY OMISSIONS OR DEVIATION FROM REQUIREMENTS OF APPLICABLE STATE LAWS AND REGULATIONS  
State of California  
Department of Housing and Community Development

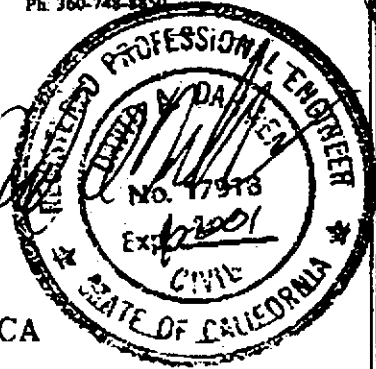
DIVISION OF CODES AND STANDARDS

By: [Signature] Date: 12/27/2000  
(signature)

SEA NO. SS-3F

This Plan Approval Expires 12/31/2002

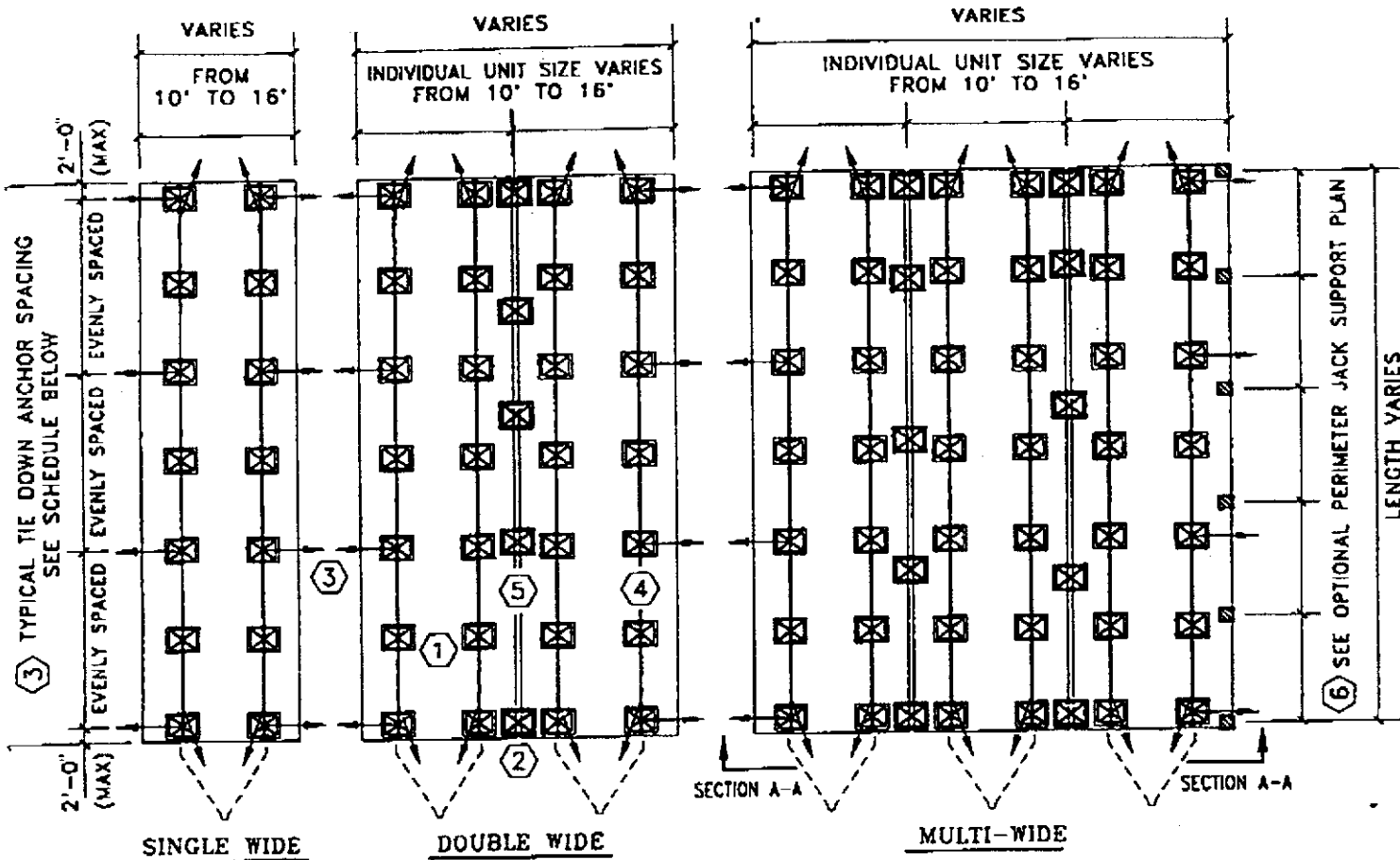
SAC INDUSTRIES INCORPORATED  
1722 A BISHOP ROAD  
CHEHALIS, WA 98532  
Ph: 360-748-8340




PACIFIC CONSULTING ENGINEERS  
2150 BELL AVE. SUITE 145  
SACRAMENTO, CA. 95838

432-6072

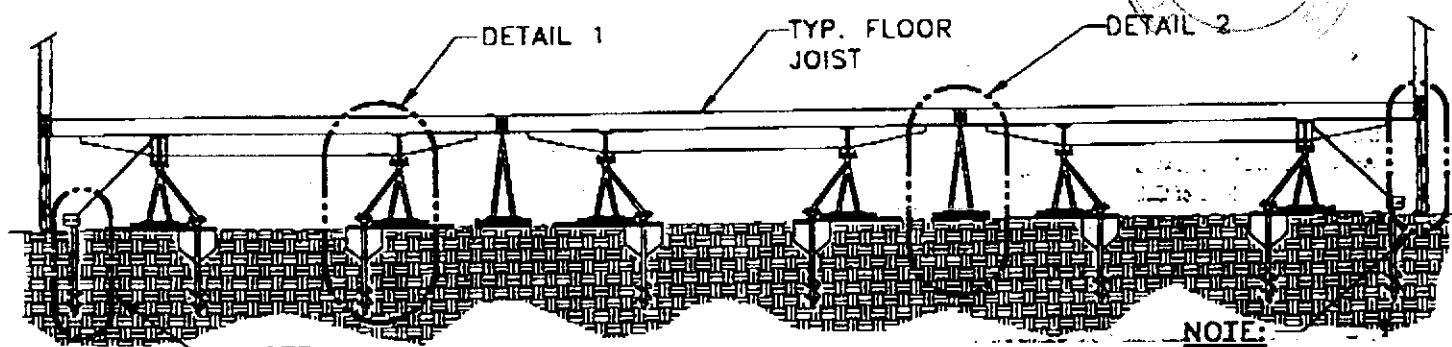
# COMMERCIAL COACH PERMANENT FOUNDATION PLAN



## TYPICAL CHASSIS SUPPORT AND TIE DOWN ANCHOR SCHEDULE

<b>(1) CHASSIS SUPPORT SPACING</b> ROOF LL=20/40/80PSF* FLOOR LL=50PSF SINGLE WIDE UNIT—MAX 8'-0" O.C. DOUBLE WIDE UNIT—MAX 8'-0" O.C. MULTI-WIDE UNIT—MAX 8'-0" O.C. SEE DETAIL #1 FOR SPECIFICATIONS JOINT LINE LOADS OF 40PSF & 80PSF REQUIRE PERIMETER SUPPORTS		<b>(2) MATING LINE SUPPORTS</b> NOTE:  CONSULT MANUFACTURER'S SET-UP INSTRUCTIONS FOR MATING LINE LOADS AND LOCATIONS. SEE DETAIL #2 FOR SPECIFICATIONS		<b>(3) REQ'D. NO. OF TIE DOWN ANCHORS</b>					
WIDTH	LENGTH	WIND LOAD	No. OF SIDE TIE DOWNS	No. OF END TIE DOWNS	TOTAL No. OF TIE DOWNS				
SINGLE WIDE TO 18'	0'-78"	70 MPH	4	2	12				
	0'-78"	85 MPH	8	2	20				
	0'-78"	100 MPH	12	2	28				
DOUBLE WIDE TO 28'	0'-78"	70 MPH	4	4	16				
	0'-78"	85 MPH	8	4	24				
	0'-78"	100 MPH	12	4	32				
MULTI WIDE TO 42'	0'-78"	70 MPH	4	6	20				
	0'-78"	85 MPH	8	6	28				
	0'-78"	100 MPH	12	6	36				
SEE DETAIL #3 FOR SPECIFICATIONS									

(4) TYPICAL CHASSIS FRAME (5) TYPICAL MATING LINE (6) PERIMETER JACK SUPPORT



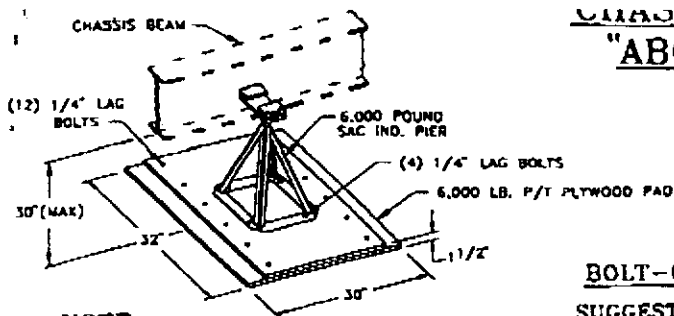
NOTE:  
A COMBINATION OF THE DIFFERENT TYPES OF TIE DOWNS CAN BE USED

### SECTION A-A

NOTE:  
SEE OPTIONAL PERIMETER ENCLOSURE PLAN FOR DETAILS

**"ABOVE GRADE"**

**DETAIL 1**



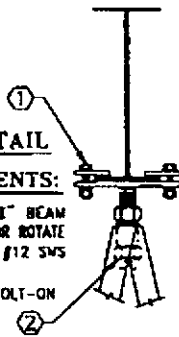
**NOTE:**

1. "I" BEAM & BOLT-ON TOP DETAIL IS SHOWN ABOVE.
2. ON "C" OR "RFC" CHASSIS, USE #4005 PIER TOP AS SHOWN IN DETAIL.
3. ATTACH PIER TO P/T PLYWOOD PAD USING (4) 1/4" LAG BOLTS.

**BOLT-ON TOP DETAIL**

**SUGGESTED ATTACHMENTS:**

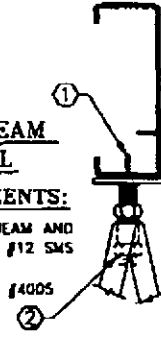
1. ATTACH BOLT-ON TOP TO "I" BEAM WITH (4) 3/8" BOLTS & NUTS, OR ROTATE TOP 90 DEGREES AND USE (4) #12 SMS TEK SCREWS.
2. WITH 2nd 3/4" NUT, ATTACH BOLT-ON TOP TO PIER.



**"C" BEAM & "RFC" BEAM CHASSIS DETAIL**

**SUGGESTED ATTACHMENTS:**

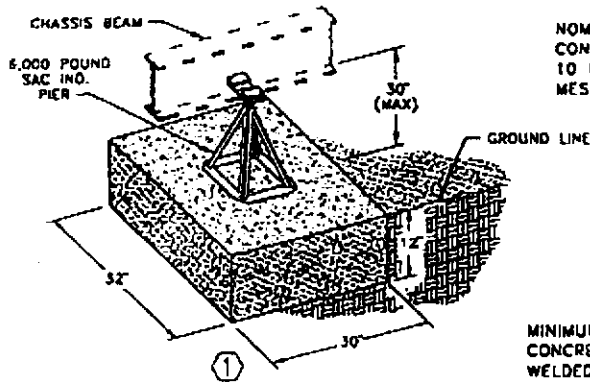
1. ATTACH #4005 TOP TO "C" BEAM AND "RFC" BEAM CHASSIS WITH (4) #12 SMS TEK SCREWS.
2. WITH 2nd 3/4" NUT, ATTACH #4005 TOP TO PIER.



**ALTERNATE FOOTING SCHEDULE**

ALTERNATE CONCRETE FOOTINGS CAN BE USED IN PLACE OF 30" x 32" PLYWOOD PAD

1. 30" x 32" x 12" CONCRETE FOOTING OR
2. POURED-IN-PLACE CONCRETE SLAB OR
3. CONTINUOUS CONCRETE FOOTING

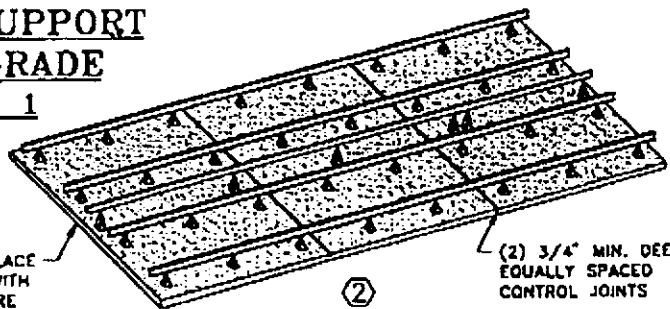


**CHASSIS SUPPORT**

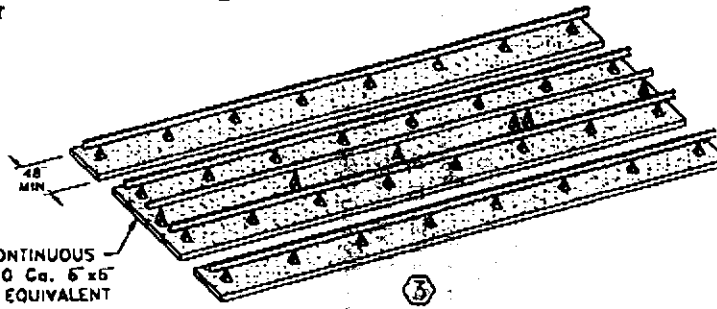
**"BELOW GRADE"**

**DETAIL 1**

NOMINAL 4" POURED-IN-PLACE CONCRETE SLAB FOOTING WITH 10 Ga. 6" x 6" WELDED WIRE MESH OR EQUIVALENT

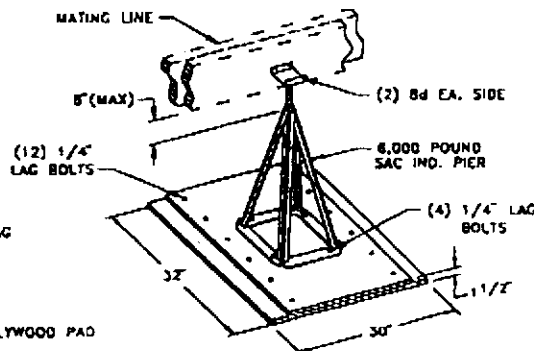
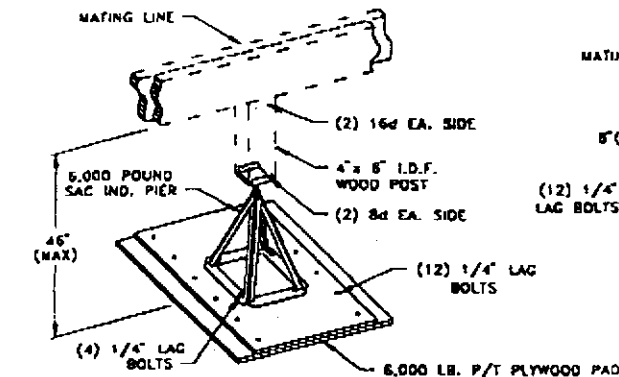


MINIMUM NOMINAL 4" CONTINUOUS CONCRETE FOOTING W/10 Ga. 6" x 6" WELDED WIRE MESH OR EQUIVALENT



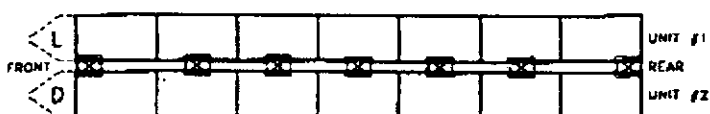
**MATING LINE SUPPORT**

**DETAIL 2**



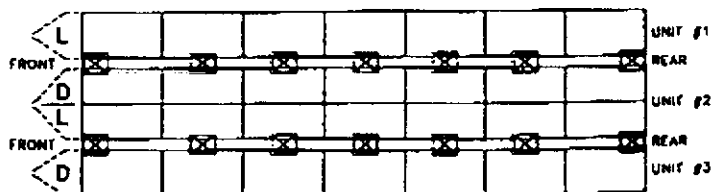
**NOTE:**

1. FOR LOADS IN EXCESS OF 6,000 POUNDS, USE DOUBLE PIERS WITH DOUBLE PIER PADS.
2. FOR LOADS IN EXCESS OF 12,000 POUNDS, USE TRIPLE PIERS WITH TRIPLE PIER PADS.
3. IF HEIGHT OF PIER IS CAPABLE OF REACHING MATING LINE, USE PIER ONLY. IF NOT, USE 4" x 6" I.D.F. WOOD POST.
4. CONSULT MANUFACTURERS SET-UP INSTRUCTIONS FOR MATING LINE LOADS AND LOCATIONS.
5. MATING LINE PAD CAN RUN EITHER PARALLEL OR PERPENDICULAR TO MATING LINE.



**MATING LINE SUPPORT LOCATION**  
DOUBLE WIDE

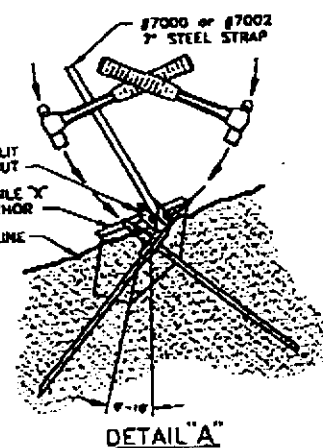
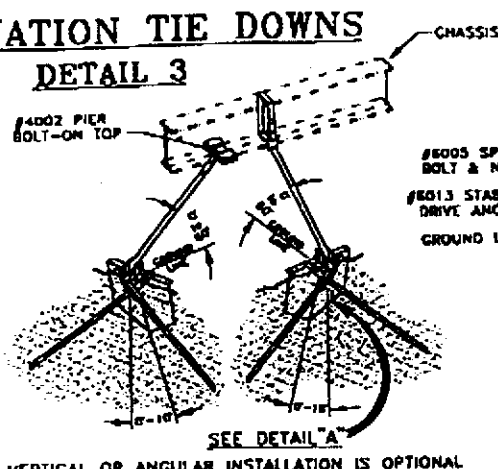
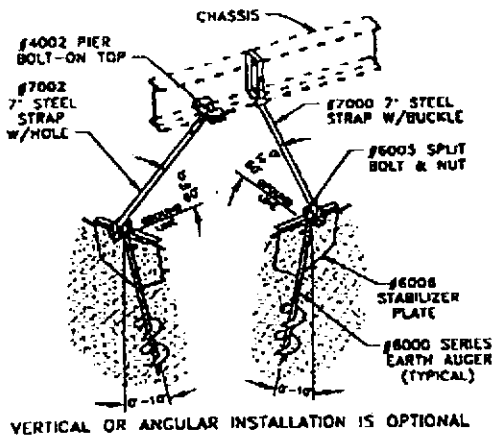
L = LOAD  
D = DISTANCE



**MATING LINE SUPPORT LOCATION**  
MULTI WIDE



# COMBINATION TIE DOWNS



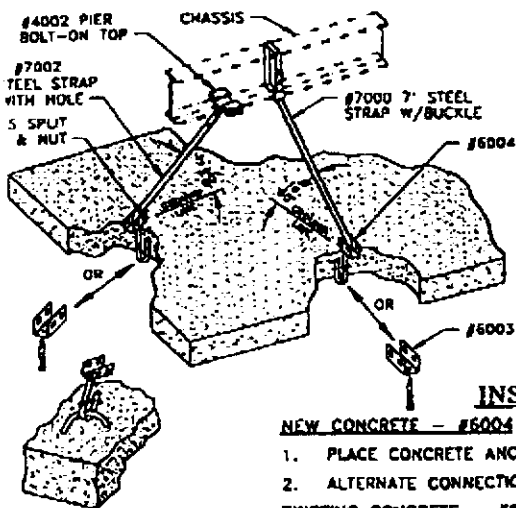
## AUGER TIE DOWN INSTALLATION INSTRUCTIONS

1. **CONTRACTORS WARNING:** CHECK FIRST FOR UNDERGROUND UTILITIES.
2. INSTALL EARTH AUGER INTO GROUND LEAVING 12"-14" OF SHAFT EXPOSED.
3. PLACE STABILIZER PLATE NEXT TO SHAFT BETWEEN THE AUGER AND CHASSIS BEAM, AND DRIVE INTO GROUND.
4. FINISH TURNING AUGER INTO THE GROUND APPLYING CONSTANT DOWNWARD PRESSURE TO MINIMIZE SOIL DISTURBANCE, UNTIL AUGER HEAD IS FLUSH WITH STABILIZER PLATE.
5. ATTACH STRAPS TO CHASSIS BEAM IN MANNER SHOWN.
6. IF ANGLE OF SIDE STRAP IS GREATER THAN 60°, STRAP CONNECTION CAN BE MADE FROM AUGER TO OPPOSITE CHASSIS BEAM.
7. INSERT STRAP THROUGH SPLIT BOLT. CUT OFF EXCESS STRAP AND TIGHTEN BOLT UNTIL STRAP IS SNUG.

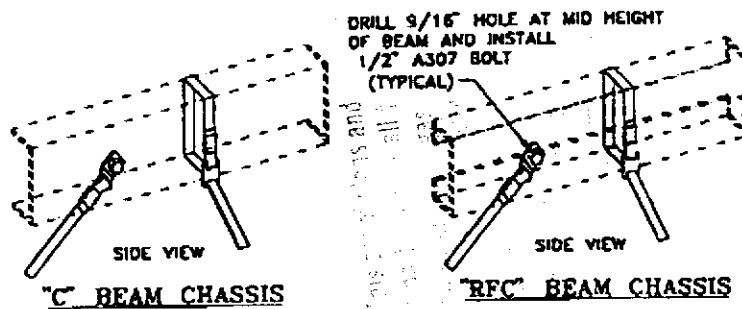
## STABIL-X DRIVE TIE DOWN INSTALLATION INSTRUCTIONS

1. **CONTRACTORS WARNING:** CHECK FIRST FOR UNDERGROUND UTILITIES.
2. DRIVE STABIL-X DRIVE TIE DOWN INTO GROUND.
3. DRIVE STABIL-X RODS THROUGH HEAD TUBES INTO SOIL AS SHOWN.
4. ATTACH STRAPS TO CHASSIS BEAM IN MANNER SHOWN.
5. IF ANGLE OF SIDE STRAP IS GREATER THEN 60°, STRAP CONNECTION CAN BE MADE FROM STABIL-X TO OPPOSITE CHASSIS BEAM.
6. INSERT STRAP THROUGH SPLIT BOLT. CUT OFF EXCESS STRAP AND TIGHTEN BOLT UNTIL STRAP IS SNUG.

**NOTE:** A COMBINATION OF DIFFERENT TYPES OF TIE DOWNS CAN BE USED.



**ALTERNATE CONNECTION**



## CONCRETE TIE DOWN INSTALLATION INSTRUCTIONS

### NEW CONCRETE - #6004

1. PLACE CONCRETE ANCHOR INTO WET CONCRETE, AND ALLOW TO PROPERLY CURE.
2. ALTERNATE CONNECTION REQUIRES #5 REBAR PROPERLY EMBEDDED IN CONCRETE.

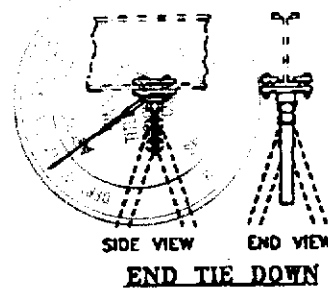
### EXISTING CONCRETE - #8003

1. CONCRETE MUST BE A MINIMUM 3 1/2" THICK AND IN GOOD CONDITION.
2. MINIMUM SLAB AREA OF EACH ANCHOR IS 28 SQUARE FEET.
3. DRILL PROPER SIZE HOLE IN SLAB, A MINIMUM OF 12" FROM ANY SIDE.
4. EXPANSION BOLT IS 5/8" x 3 1/2" WITH MINIMUM 2 3/4" EMBEDMENT AND 6,160 POUND PULL OUT, 7,160 POUND SHEAR.

### CHASSIS CONNECTION

1. ATTACH STRAPS TO CHASSIS BEAM IN MANNER SHOWN.
2. IF ANGLE OF SIDE STRAP IS GREATER THAN 90°, STRAP CONNECTION CAN BE MADE FROM ANCHOR TO OPPOSITE CHASSIS BEAM.
3. INSERT STRAP THROUGH SPLIT BOLT. CUT OFF EXCESS STRAP AND TIGHTEN BOLT UNTIL STRAP IS SNUG.

**NOTE:** SIDE TIE DOWNS ARE REQUIRED ALONG THE OUTSIDE CHASSIS BEAMS. END TIE DOWNS ARE REQUIRED AT EACH END OF EACH TRANSPORTABLE SECTION OF THE COMMERCIAL COACH.



**NOTE:** END TIE DOWNS CAN BE LOCATED WITHIN 18" OF EITHER SIDE OF CHASSIS BEAM AXIS.

## OPTIONAL PERIMETER JACK SPACING AND SUPPORT SCHEDULE

20-30 PSF ROOF LL	40-60 PSF ROOF LL	80 PSF ROOF LL
1000 PSF SOIL BEARING	1000 PSF SOIL BEARING	1000 PSF SOIL BEARING
SPACING 8'-0" O.C.	SPACING 4'-0" O.C.	SPACING 4'-0" O.C.
SEE PERIMETER JACK ACCESSORY STRUCTURAL SUPPORT PLAN FOR DETAILS	SEE PERIMETER JACK ACCESSORY STRUCTURAL SUPPORT PLAN FOR DETAILS	SEE PERIMETER JACK ACCESSORY STRUCTURAL SUPPORT PLAN FOR DETAILS

125 AMP 120/240 1 PHASE  
EXTERIOR SURFACE MOUNT PANEL W/ 125amp MAIN BRKR

DESCRIPTION	CIR	BRK	WS	A	B	WS	BRK	CIR	DESCRIPTION
HVAC UNIT	1	60	#8	6840		#12	20	2	(5) RECEPTS
				900					
8 GA WATER HEATER	3	2	#10	6840		#12	20	4	(6) RECEPTS
				1080					
SPACE	5	20	#12	2063		#12	20	6	(1) EXT. LIT (6) LITS
SPACE	7			1547		#12	20	8	(1) EXH FAN (1) CLG LIT
SPACE	9					#12	20	10	(1) DED. RECEPT
SPACE	11							12	SPACE

**ELECTRICAL CALCULATIONS:**

GENERAL LIGHTING:

528 sq/ft x 3.5 x 1.25 = 2,310w  
 (1) HVAC UNIT = 13,680w  
 (11) RECPTS. = 1980w  
 (1) WATER HEATER = 2,063w  
 (1) EX FAN = 200w  
 (1) DED. RECEPT. = 1800w

PANEL 'A'

FEEDER BREAKER

50A

\*6/4 CORD

22033w ÷ 240v = 91.80 AMPS TOTAL

125 AMP 120/240 1 PHASE  
EXTERIOR SURFACE MOUNT PANEL W/ 125amp MAIN BRKR

DESCRIPTION	CIR	BRK	WS	A	B	WS	BRK	CIR	DESCRIPTION
HVAC UNIT	1	60	#8	6840		#12	20	2	(6) RECEPTS
				1080					
SPACE	3	2	#10	6840		#12	20	4	(7) RECEPTS
				1260					
SPACE	5					#12	20	6	(1) EXT LIGHT
SPACE	7			1419				8	(7) LIGHTS
SPACE	9							10	SPACE
SPACE	11							12	SPACE

**ELECTRICAL CALCULATIONS:**

GENERAL LIGHTING:

528 sq/ft x 3.5 x 1.25 = 2,310w  
 (1) HVAC UNIT = 13,680w  
 (13) RECPTS. = 2,340w

PANEL 'B'

FEEDER BREAKER

50A

\*6/4 CORD

18,330w ÷ 240v = 76.37 AMPS TOTAL

NO	DATE
NO	05.15.0
NO	05.28.0

GE Capital Modular Space

DATE: 05.07.0  
 DRAWN BY V.FIGUER  
 SALES PER KYLE/DA  
 STATE: CA  
 DRAWING #  
 PROJECT # 2444DE

SHEET 1  
 OF 2