

**PACIFIC COUNTY  
MANUFACTURED HOUSING INSTALLATION  
PLAN REVIEW CHECKLIST**

OWNER \_\_\_\_\_ PERMIT # \_\_\_\_\_

DATE \_\_\_\_\_ CHECKED BY \_\_\_\_\_

The following information must be submitted for review at time of application. Please fill in the appropriate spaces for which systems that are to be used. ( **Note: On any spaces left blank, the County will assume that engineered standards addressed in the attached handout are going to be used since this is typically what the public chooses**)

**Concrete Footings**

- \_\_\_\_\_ a. Engineered Standard (see County handout)  
\_\_\_\_\_ b. Other ( submit engineering along with calculations to support design)

**Main Beam Pier Support**

- \_\_\_\_\_ a. Engineered Standard, maximum 8' o.c., first support within 24" of unit end.  
\_\_\_\_\_ b. Per setup manual, maximum \_\_\_\_\_ feet o.c., first support within \_\_\_\_\_ of unit end.  
(submit manufacturer's specs)

**Pier Support Height**

- \_\_\_\_\_ a. Engineered Standard, 18" minimum, 24" maximum height.  
\_\_\_\_\_ b. Per setup manual, \_\_\_\_\_" minimum, \_\_\_\_\_" maximum height.  
(submit manufacturer's specs)

**Marriage Line Support**

- \_\_\_\_\_ a. Engineered Standard, center runner poured solid between inner I-beams, 8" minimum thickness, with six continuous runs of 1/2" rebar. (see handout for placement)  
\_\_\_\_\_ b. Per setup manual, \_\_\_\_\_"x\_\_\_\_\_ "x\_\_\_\_\_ " thick concrete pads.  
(submit manufacturer's marriage line foundation support plan showing location, size and spacing of all supports.)

**Tiedowns**

- \_\_\_\_\_ a. Install to Engineered Standard. ( see handout for locations)  
\_\_\_\_\_ b. Per setup manual. ( submit manufacturer's specs for placement)

**NOTE: THE USE OR MIX OF MULTIPLE STANDARDS IS VERY LIMITED. PLEASE CONSULT THE BUILDING DIVISION FOR ALLOWABLE DEVIATIONS. PLEASE SEE ATTACHED COUNTY HANDOUT FOR OTHER INSTALLATION REQUIREMENTS.**

APPLICANT \_\_\_\_\_ DATE \_\_\_\_\_

**ATTENTION:**

THIS HANDOUT IS PROVIDED ONLY AS A GUIDE FOR INSTALLATION REQUIREMENTS REGULATED BY FEDERAL, STATE AND LOCAL ORDINANCES. THE ILLUSTRATIONS CONTAINED IN THIS HANDOUT HAVE BEEN ENGINEERED TO REFLECT THE REQUIREMENTS OF FEDERAL HUD STANDARD CFR 3280.305, WIND ZONE 1

WHERE CONFLICTS OCCUR BETWEEN MANUFACTURERS AND PACIFIC COUNTY REQUIREMENTS, IT IS THE OWNERS/INSTALLERS RESPONSIBILITY TO SEE THAT THE UNIT IS INSTALLED IN AN APPROPRIATE MANNER THAT DOES NOT VOID ANY WARRANTIES OR VIOLATE ANY INSTALLATION REGULATIONS.

DUE TO CONFLICTING STRUCTURAL REQUIREMENTS BETWEEN FEDERAL WIND ZONE 1 (APPROX. 80 MPH) AND STATE ADOPTED BUILDING CODE (1994 UNIFORM BUILDING CODE, 100 MPH), PACIFIC COUNTY RECOMMENDS THE MORE STRINGENT 94 UBC REQUIREMENTS BE FOLLOWED. PLEASE CONSULT THE MANUFACTURED HOME BUILDER AND/OR A LICENSED ENGINEER FOR STRUCTURAL REQUIREMENTS TO MEET THE APPROPRIATE STANDARDS OF THE 94 UNIFORM BUILDING CODE.

IF YOU HAVE ANY QUESTIONS OR ARE REQUESTING INSPECTIONS, PLEASE CALL THE BUILDING DIVISION OF THE PACIFIC COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT, AT 360-642-9382 SOUTH COUNTY, OR 360-875-9356 NORTH COUNTY.

**MANUFACTURED HOME INSTALLATION REQUIREMENTS ON PRIVATE PROPERTY**

**NON COMPLYING HUD HOMES:**

Manufactured homes that were built prior to June 15, 1976 must be brought up to the HUD Codes prior to moving the unit into Pacific County. You must contact Washington State Department of Labor and Industries for the required alteration permit. The phone numbers are: (360) 577-2200 South county, (360) 533-9300 North county.

Once the unit has been inspected and approved by Labor and Industries, you then can apply to Pacific County Department of Community Development for the required installation permit.

For Manufactured Home approved parks; See Pacific County Ordinance 119.

**FOOTING REQUIREMENTS:**

1. A poured in place continuous concrete footing, placed below the existing ground level, 16" wide and 8" thick, the full length of the frame, reinforced with two runs of ½" re-bar.
2. The (2) end footings shall be a minimum of 16" wide and 8" thick, reinforced with two runs of ½" re-bar, wrapped around the corners a minimum of 18" and tied with tie wire at all splices.
3. One (1) 16"x 8" cross grade beam continuous concrete footing shall be constructed at mid locations of 16" wide runners.

**BLOCK PIER REQUIREMENTS:**

1. Block piers permitted up to (3) blocks high.
2. Block piers shall be placed according to manufacturers requirements, but not to exceed eight (8) foot spacing center to center and not more than (2) feet from the end of the main frame.
3. A pier made of a single stack of blocks shall be installed at a right angle to the frame and shall be capped with no more than (2) 2"x8"x16" wood blocks or (1) 4"x8"x16" concrete blocks.
4. All blocks shall be set with the cores placed vertically.
5. An installer may fill in the gap between the top pier and the main frame with a wood plate that is not more than 2" thick and opposing wedge shaped shims that are not more than (2") thick. The shims shall be at least 4" wide and 6" long.

### FACIA (SKIRTING) REQUIREMENTS:

1. A manufactured home shall have an approved foundation fascia around it's entire perimeter.
2. Wood fascia must be a minimum of 6" off of the ground unless it is pressure treated.
3. Facia's shall be vented with a minimum of one square foot of NET ventilation per each 150 square foot of under floor space.
4. Under floor area must be accessible by means of an access door for each section, unobstructed by any framing, plumbing or any material of any kind.

### TIE DOWNS:

Every manufactured home must have the following required number of ties for each I-Beam on the main frame:

Length of Home	Vertical Ties (corners only)	Diagonal Ties
32 to 54	2	3
55 to 73	2	4

Ties shall be placed evenly, within 2 feet of each end of the home and at detached corners of a clerestory roof or expandable section. Ties must meet the following requirements:

1. Weather resistant.
2. Installed according to tie-down manufacturer's instructions.
3. Have a minimum capacity of 4725 pounds pull in the direction of the tie.
4. Installed with no slack in the lines.

### FIELD SET UP INSTRUCTIONS:

1. 6 mil black vapor barrier must be placed under the entire home on top of the ground.
2. Dryer vents of smooth metal ducting per Uniform Mechanical Code, Section 1104 and hot water tank pressure relief valve shall exhaust on the exterior of the home and pointed towards the ground.
3. Seventy-five (75) percent of the under floor area, must have at least 18" of clearance between the bottom of the main chassis and the ground level. At no point can the clearance be less than 12".
4. Furnace cross-over heat ducts must be supported off of the ground.
5. Insulate all water supply lines in the crawlspace to R-3 minimum.

### REQUIRED FIELD INSPECTIONS:

First Insp.- setbacks, rebar, concrete forms.

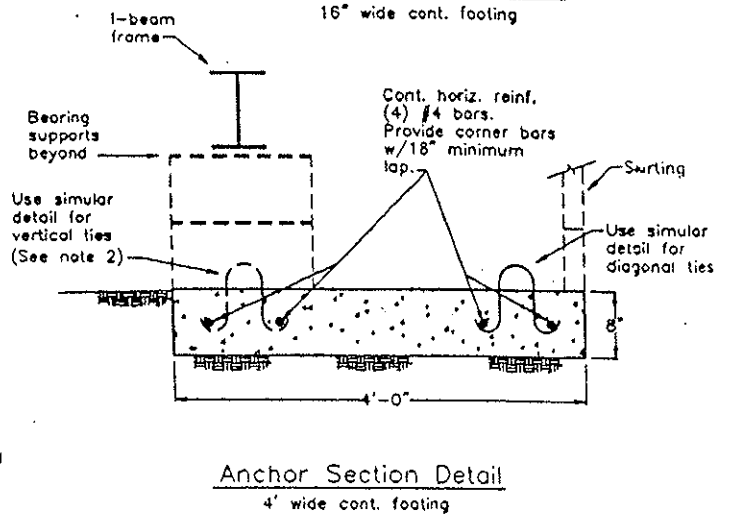
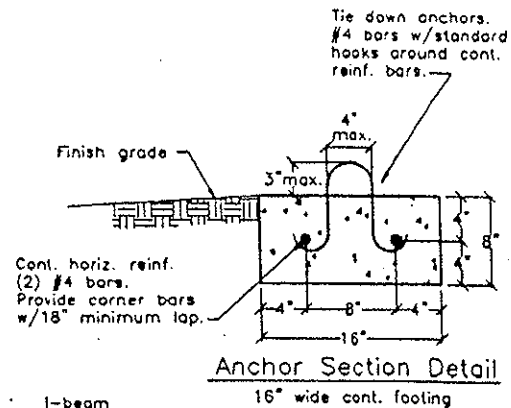
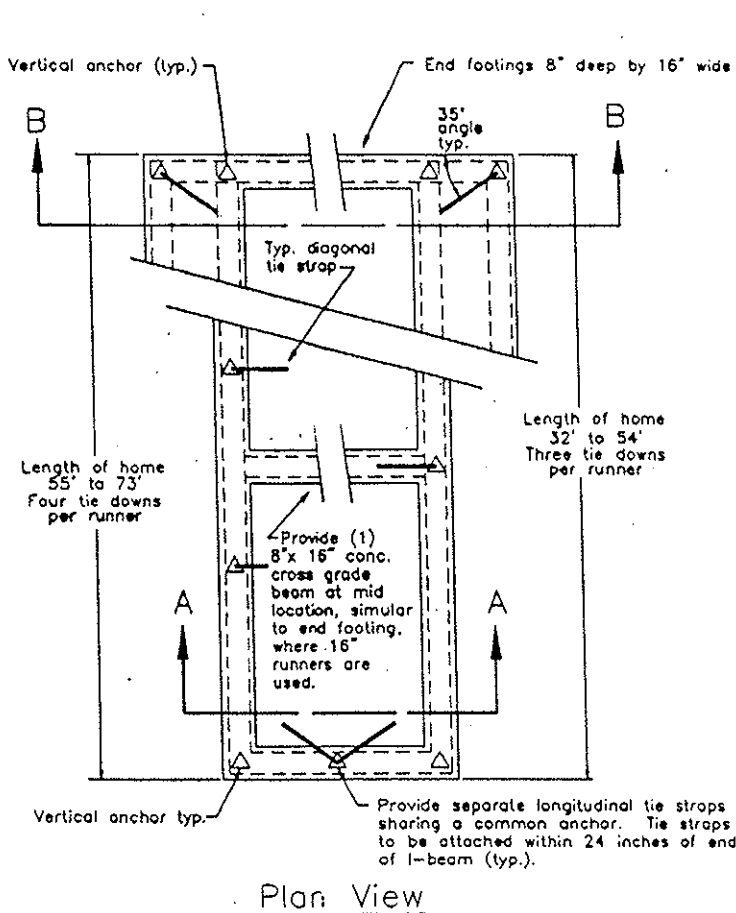
Second Insp.- blocks, tie downs, vapor barrier, crossover heat ducting, dryer and water tank venting..

Final Insp.- skirting, foundation vents, carports, decks and steps.

**SETUP MANUAL MUST BE ON SITE DURING ALL INSPECTIONS**

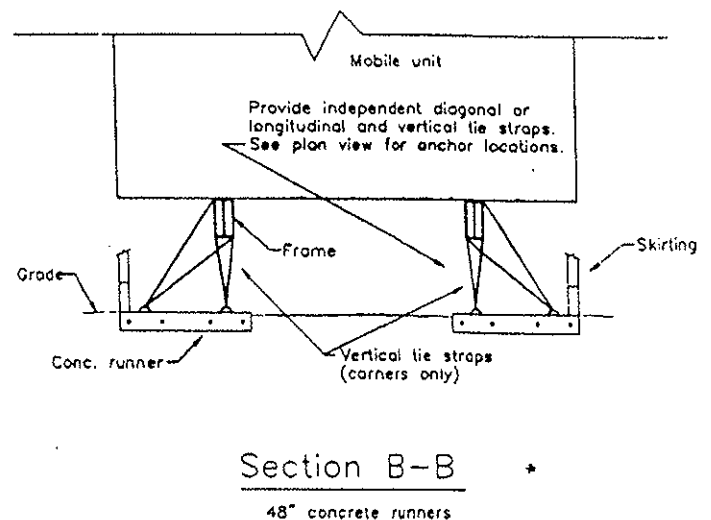
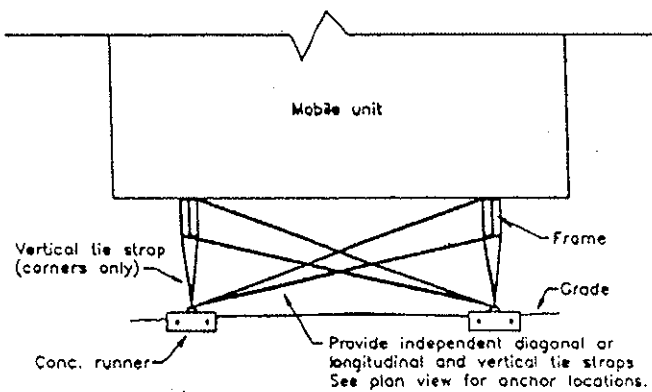
**Separate permits are required for garages, carports, decks, etc... . These structures must be designed to be self-supporting for all gravity and lateral loads.**

# Single Wide Manufactured Home



- Notes:
- 1.) 18 inch overlap req. at rebar splices.
  - 2.) Vertical tie downs req. at the corners only.

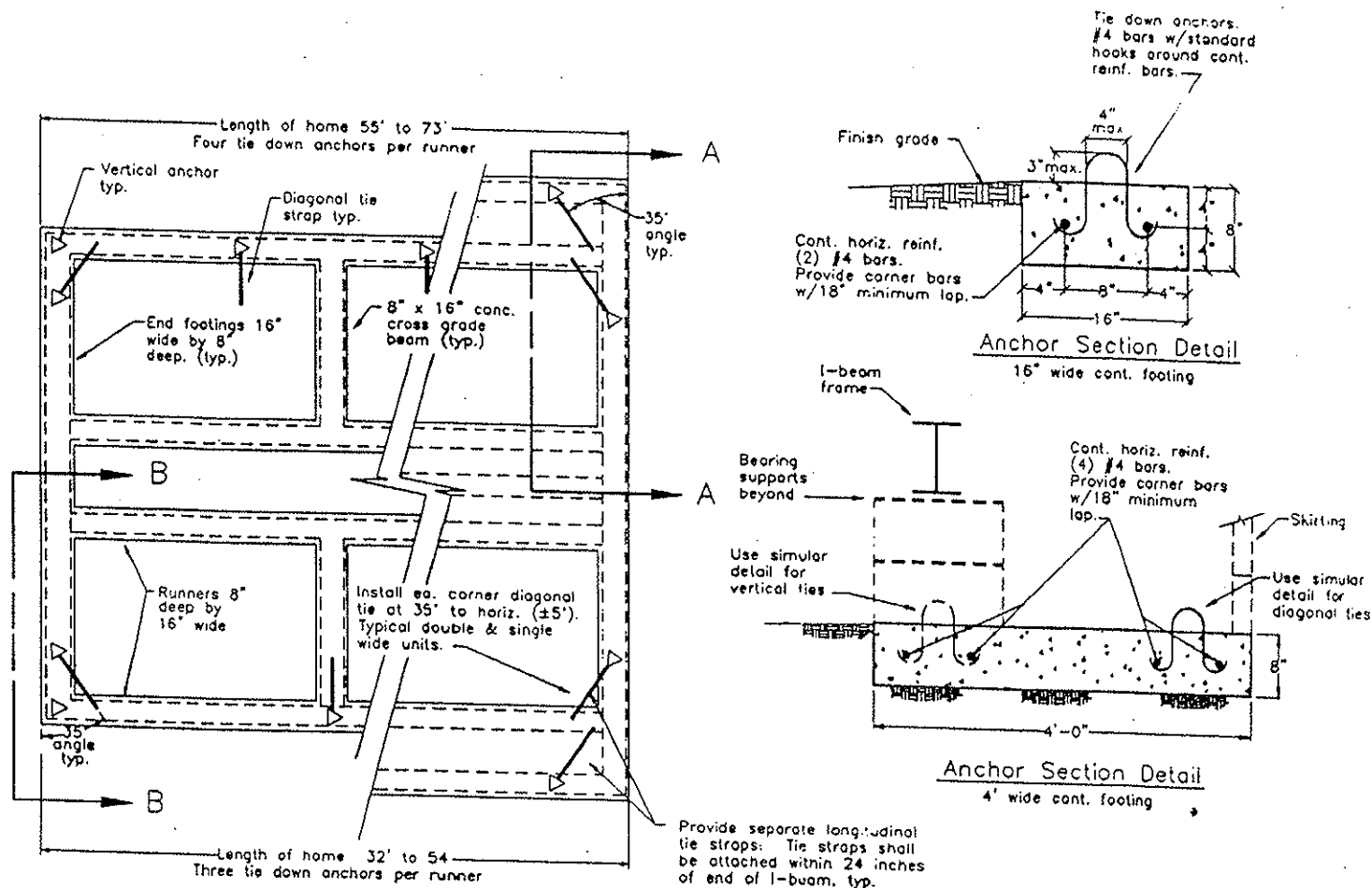
△ - Tie down anchor



Consult Bldg. Dept. for approval of other tiedown options

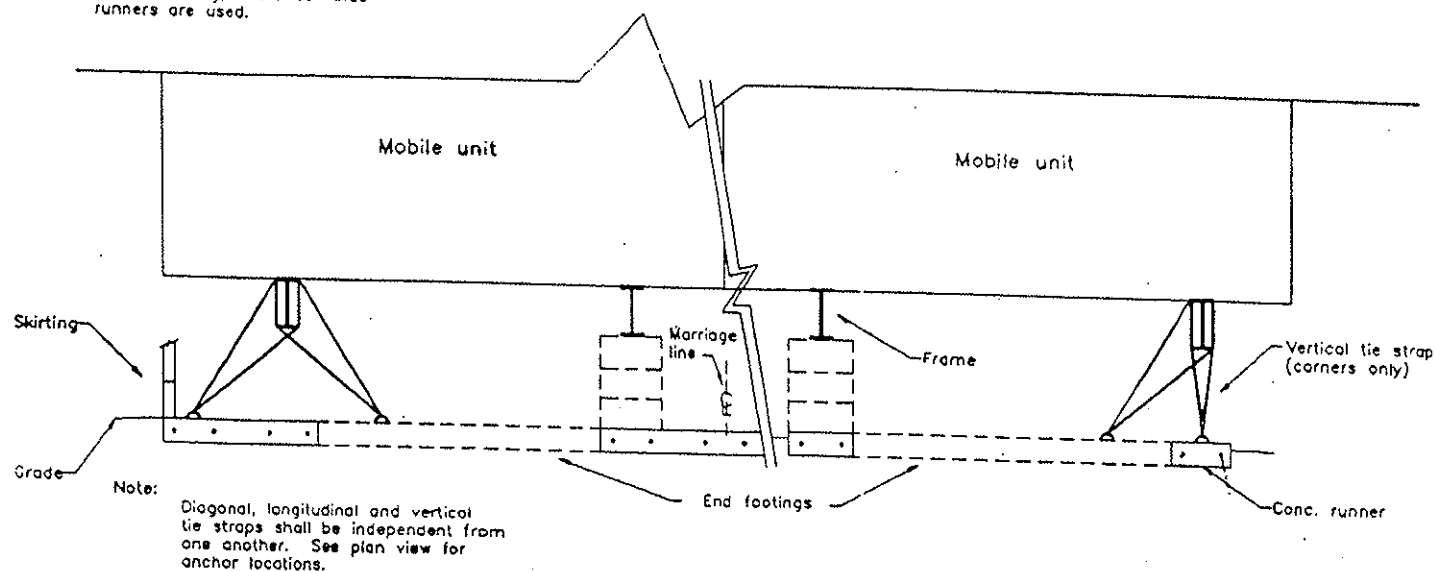
Revised 6/95

# Double Wide Manufactured Home



Notes:  
Provide (1) 8" x 16" concrete cross grade beam at mid location, similar to end footing, where 16" wide runners are used.

△ - Tie down anchor



**Section A-A**  
48" concrete runners

**Section B-B**  
16" concrete runners

Consult Bldg. Dept. for approval of other tiedown options

Revised 6/96