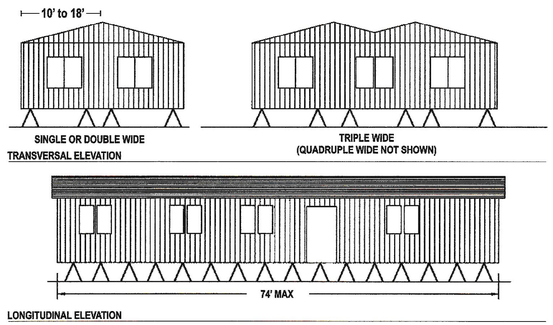
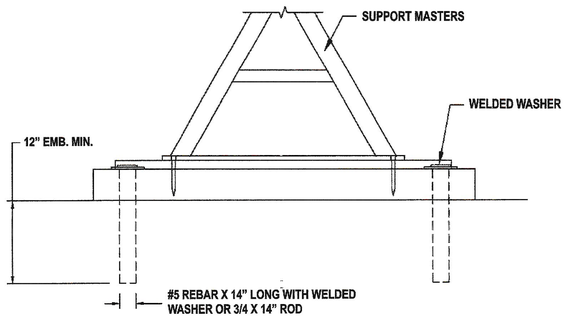
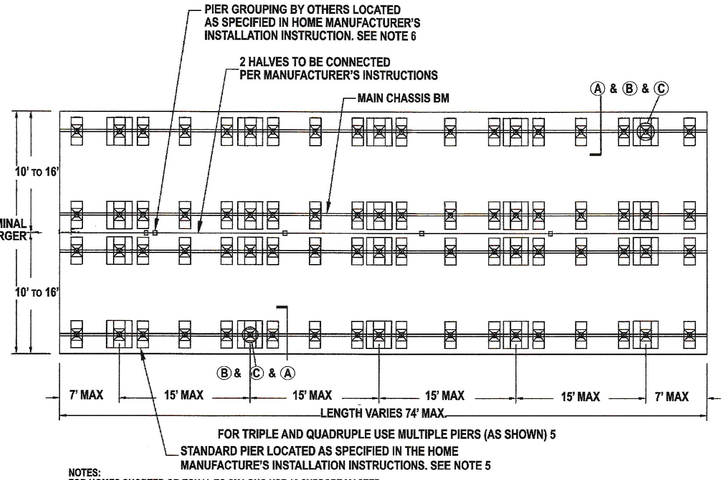
MOBILE HOME FOUNDATION SYSTEM

IN COMPLIANCE WITH 2025 CBC & CALIFORNIA ADMINISTRATIVE CODE TITLE 25, CHAPTER 2 & 2.2.

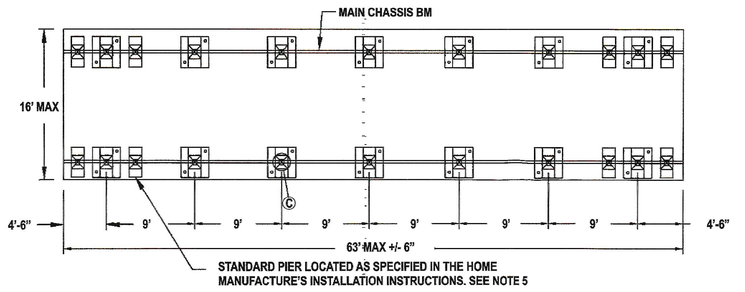




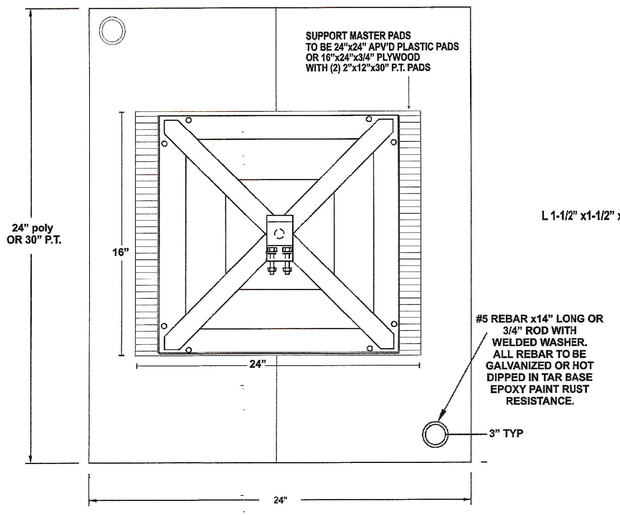


NOTES:
FOR HOMES SHORTER OR EQUAL TO 59' LONG USE 16 SUPPORT MASTER
FOR HOMES SHORTER OR EQUAL TO 44' LONG USE 12 SUPPORT MASTER.
FOR 16' WIDE HOMES THE SUPPORT MASTER TO BE MAX. 14'-6" APART STARTING 7' MAX. FROM ENDS.

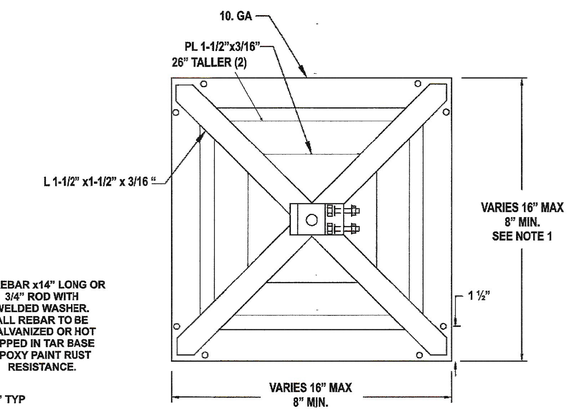
K TYPICAL FOUNDATION PLAN DOUBLE WIDE
NO SOIL NAILING IS REQUIRED FOR DOUBLE WIDE AND LARGER



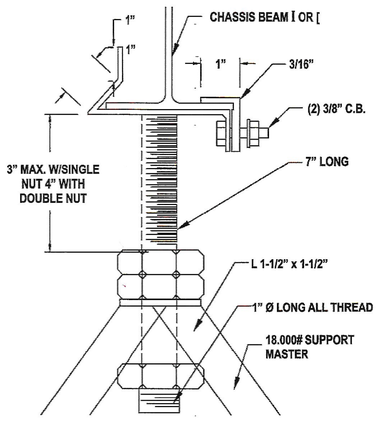
K2 TYPICAL FOUNDATION PLAN FOR SINGLE WIDE
WITH 2-GROUND SPIKES PER SUPPORT MASTER BASE PAD



C SUPPORT MASTER & SPI SAFETY JACK
GROUND PIN APPLIES TO SINGLE WIDE ONLY
WHERE PIER IS LOCATED ON CONC. SLAB USE 5/8"DIA. x 3-1/2 LONG RED HEAD ANCHORS W 1-1/2" MIN. EMBEDMENT IN PLACE OR REBAR ANCHORS



B SUPPORT MASTER & SPI SAFETY JACK
NOTE 1 PIER BASE DIMENSIONED VARIES:
8" SQ. BASE FOR 6' TALL PIER
12" SQ. BASE FOR 12' TALL PIER
16" SQ. BASE FOR PIER TALLER THAN 14"



SPI SUPPORT MASTER WITH ADJUSTMENT SPACING

TEST REPORT #11011-18K
18,000 LB RATED "Support Master" Pier Testing
Listing Agency: BSK Associates, Inc.
Listing # 1053-4

OCT 29 2025

NOTES AND SPECIFICATIONS DESIGN CRITERIA:

1. MATERIALS: STEEL SHAPES AND PLATES: ASTM A36
STEEL TUBE.....: ASTM A50D GR. B
BOLTS.....: ASTM A307 MIN.

2. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1-86 BY AMERICAN WELDING SOCIETY. WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS. ELECTRODES SHALL BE: E70XX OR ER70S-X (SPRAY ARC ONLY).

3. THIS FOUNDATION SHALL BE PLACED ON A FAIRLY LEVEL SITE WITH NO EXISTING SOIL PROBLEMS, IF SETTLEMENT SHOULD OCCUR DUE TO POOR SOIL. MANUFACTURED HOME SHOULD BE READJUSTED WHEN DIFFERENCE IN LEVEL IS MORE THAN 1/4" OR WHEN IT WOULD ADVERSELY AFFECT THE USE OF THE MANUFACTURED HOME.

4. ONE END OF THE HOME MAY HAVE SUPPORT MASTERS AS HIGH AS 34" BUT THIS IS APPLICABLE ONLY IF OTHERS ARE 24" HIGH MAX. SUPPORT MASTERS PIERS OVER 24" SHALL HAVE DOUBLE STIFFENER PER DETAIL A.

5. THIS FOUNDATION SYSTEM IS INTENDED TO SUPPLEMENT THE STANDARD SUPPORT SYSTEM AS SPECIFIED IN THE HOME MANUFACTURER'S INSTALLATION INSTRUCTIONS. IN THE ABSENCE OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, PLANS AND SPECIFICATIONS SIGNED BY A LICENSED ENGINEER COVERING THE INSTALLATION OF THE PARTICULAR HOME OR PLANS PREPARED BY INSTALLER USING THE STATE OF CALIFORNIA DEPARTMENT OF HOUSE & COMMUNITY DEVELOPMENT PUBLICATION "MOBILE HOME INSTALLATION GUIDE" CURRENT EDITION MUST ACCOMPANY THESE PLANS

6. SPECIAL SUPPORT AT MARRIAGE LINES, RIDGE BEAM SUPPORTS AND EXTERIOR WALLS MUST BE INSTALLED IN ACCORDANCE WITH THE HOME MANUFACTURER'S INSTALLATION INSTRUCTIONS OR SPECIAL DRAWINGS AS MENTIONED ABOVE.

7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC 2022 AND WITH ALL APPLICABLE LOCAL CODES AND ORDINANCES. FINISH GRADE MUST BE SLOPED AWAY FROM THE PERIMETER OF HOME AS TO PREVENT WATER FROM SEEPING IN UNDER SKIRTING.

8. SUPPORT MASTER PADS TO BE 24"x24" APV'D PLASTIC PADS OR 16"x24"x3/4" PLYWOOD WITH (2) 2"x12"x30" P.T. PADS

9. A MIN. 18" CLEARANCE SHALL BE MAINTAINED BENEATH FLOOR JOIST & 12" MIN. BELOW MAIN STEEL CHASSIS BEAM

10. ALL REBAR TO BE PRIMED WITH RUST RESISTANCE TAR BASE PAINT.

11. SUPPORT MASTER
LOAD CAPACITY: VERTICAL LOAD (LISTED).....18,000#
LATERAL LOAD.....675 LB.

FLOOR LIVE LOAD:	40 PSF
ROOF LIVE LOAD:	20 PSF
SNOW:	80 PSF
EARTHQUAKE:	SEISMIC DESIGN CATEGORY "E": SITE CLASS "E" SDS = 1.0
WIND:	VULT=130 MPH EXPOSURE "C" TOPOGRAPHIC FACTORY K=1.0
COACH WEIGHT:	333 PLF
SOIL:	NOMINAL 1000 PSF

* PER CBC 2025
* IF SITE CRITERIA DIFFERS FROM ABOVE THE ENGINEER HAS TO BE NOTIFIED AND PLAN NEEDS TO BE ALTERED BY ENGINEER OR RECORD TO MEET NEW CRITERIA.

MANUFACTURED HOME/MOBILE HOME FOUNDATION SYSTEM
HEALTH AND SAFETY CODE, SECTION 18551
APPROVED

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 _____ DATE 11/2/26
SPA # 412-18 (signature)
This Plan Approval Expires 4/8/27

FOR PLACEMENT IN FLOOD HAZZARD AREAS

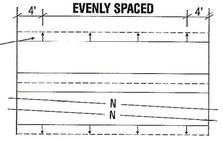
WHEN PERIMETER SKIRTING IS INSTALLED, PLACE THE UNDERFLOOR VENTS SO THE BOTTOM OF THE VENT IS MAX 12" ABOVE THE UNDERFLOOR GROUND SURFACE

SINGLE WIDES	
MFG'D HOME SIZE	No. OF TIE DOWNS EACH SIDE
12' to 56'	3
12' to 57'/70'	4
14' to 74'	4
16' to 74'	4

MULTI - WIDES	
MFG'D HOME SIZE	No. OF TIE DOWNS EACH SIDE
20' to 50'	3
20' to 51' / 60'	4
24' to 50'	3
24' to 51' / 66'	5
28' to 60'	5
28' to 61' / 74'	6
40' to 60'	7
40' to 61' / 66'	8
40' to 67' / 74'	9

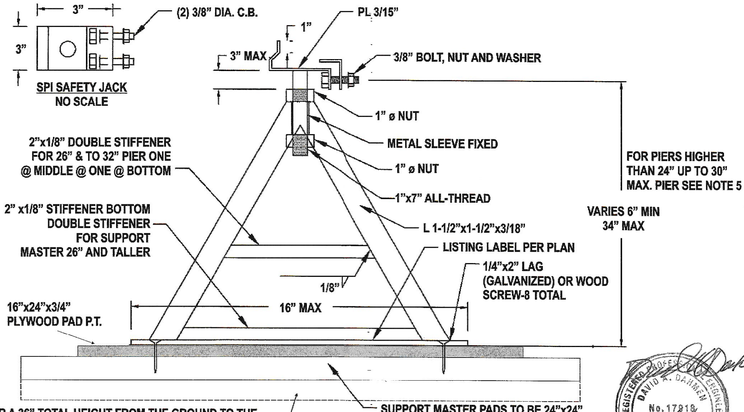


FOR INSTALLATIONS IN FLOOD HAZZARD ZONES A, AE &AH



INSTALL MIN 3150 LB. TIE DOWN STRAPS AND MIN 48" EARTH AUGERS

Minute Man Products: Tie Strap MM32
Earth Auger MMA-650
Listed/labeled: Minute Man Products ETS 119
Tri State Testings Service, Inc
Listing No. AT IS 01



FOR A 36" TOTAL HEIGHT FROM THE GROUND TO THE BOTTOME OF THE CHASSIS BEAM, ADD THE NECESSARY LEYARS OF 2-2"X12"X30" P.T. UNDER THE PADS ALTERNATE LONG DIRECTION OF THE PADS. NAIL TOGETHER WITH 10d GALV. NAILS--6 EACH PAD.

A PIER & JACK BRACE
NO SCALE

REGISTERED PROFESSIONAL ENGINEER DAVID L. CHANCELLER No.17818 Exp.6/30/27 CIVIL STATE OF CALIFORNIA
10-27-26

PACIFIC CONSULTING ENGINEERS
9739 North Vista Dr. • Kingman, AZ 86401
916.296.7376

MOBILE HOME FOUNDATION SYSTEM

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PROJ. NO.	
DRAWN	CLD
DATE	01/06/2020
REVISION	

DWG. NO.

FD1

SEDCO_MfdHome_Earthquake

33320 MISSION TRAIL,
WILDOMAR, CA 92595
951.674.4011
INFO@SEDCOPIER.COM

MANUFACTURED HOUSING SPI® Sedco Pier Inc. SUPPORT PRODUCTS