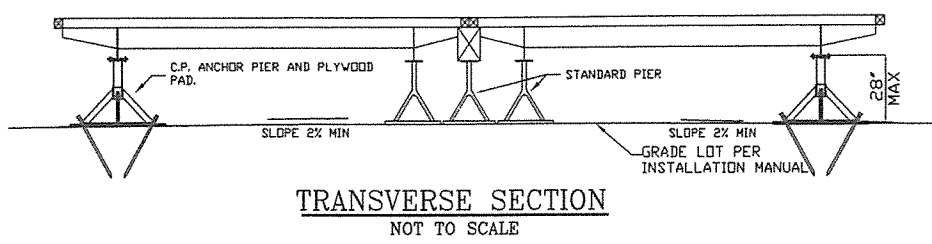
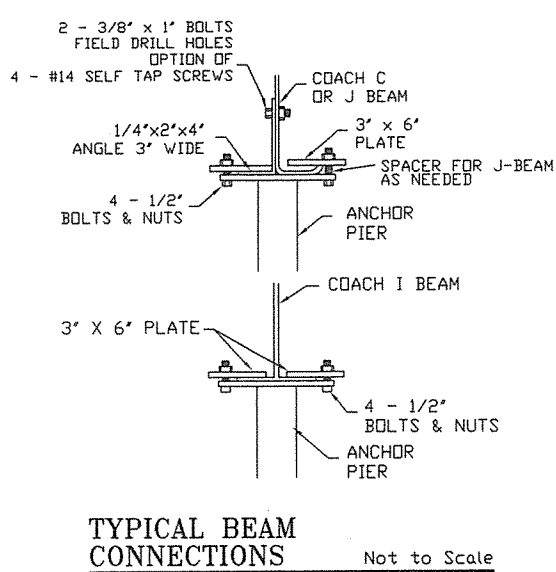
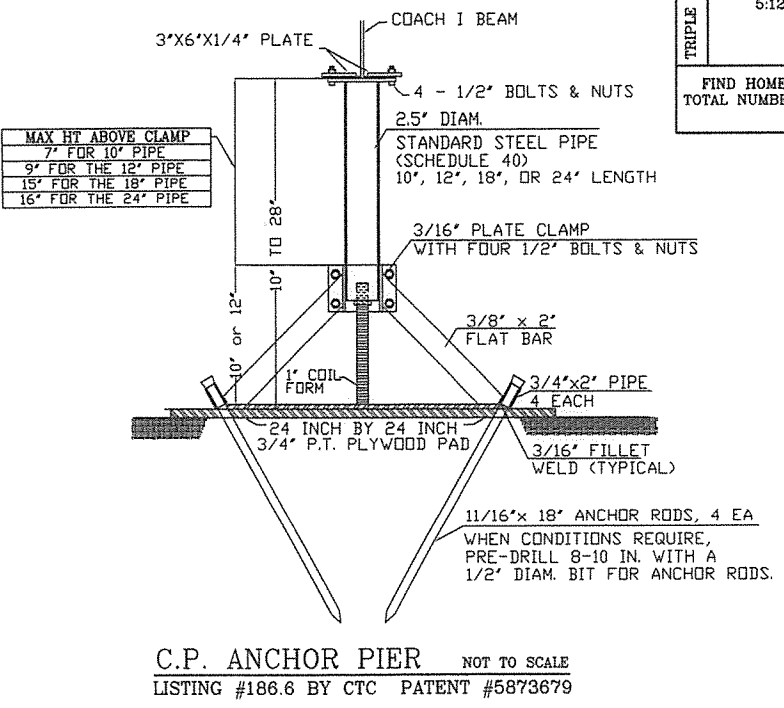


MAX. ROOF PITCH	WIDTH	LENGTH	MAX. ROOF LOAD (PSF)			
			30	80	80	100
4:12	10'-16'	UP TO 48 FT	4	4	6	6
		48.5-60 FT	6	6	6	8
		60.5-78 FT	6	6	8	10

MAX. ROOF PITCH	HOME SIZE	MAX. ROOF LOAD (PSF)						
		30	60	40	100	100		
4:12	20-28'	UP TO 49'	4	4	4	4	6	
		49.5'-66'	6	6	6	6	8	
	28.5-32'	UP TO 49'	4	4	6	6	6	
		49.5'-61'	6	6	6	6	8	
	5:12	20-26'	UP TO 49'	4	4	6	6	6
			49.5'-66'	6	6	6	6	8
5:12	26.5-32'	UP TO 49'	4	6	6	6	8	
		49.5'-68'	6	6	8	8	10	
	30-36'	UP TO 60'	6	6	8	8	8	
		60.5'-78'	8	8	8	8	10	
36.5'-48'	UP TO 60'	6	8	8	10	10		
	60.5'-78'	8	10	10	12	12		



GENERAL NOTES:
REFERENCE: CALIFORNIA CODE OF REGULATIONS, TITLE 25 AND C.B.C. 2007, CHAPTER 16.
DESIGN LOADS SHALL BE CONSISTENT WITH LOCAL REQUIREMENTS WHERE INSTALLED. THE FOLLOWING DESIGN LOADS ARE INCORPORATED HEREIN:
FLOOR LIVE LOAD: 40 PSF
SEISMIC DESIGN CATEGORY: D BASIC WIND SPEED & EXPOSURE: 85-100MPH AS LISTED IN TABLE SITE CLASS D Ss=1.5 Sds=1.4 Fa=1.4 V=0.215W
2. FOOTINGS ARE TO BE SUPPORTED BY EITHER FIRM, UNSATURATED, UNDISTURBED SOIL OR COMPACTED FILL, ASPHALT OR CONCRETE. FOOTINGS ARE DESIGNED FOR 1000 PSF BEARING CAPACITY AND SHALL BE COMPATIBLE WITH LOCAL SOIL CONDITIONS. ALL FOOTINGS SHALL BE FOUND IN ACCORDANCE WITH H.C.D. GUIDELINES AND TITLE 25 OR PREPARE SUBGRADE PER SOIL REPORT, WHEN AVAILABLE.
3. STRUCTURAL STEEL:
a. SHALL CONFORM TO ASTM A36 Fy = 36 KSI MINIMUM
b. SHALL BE FABRICATED ACCORDING TO AISC SPECIFICATIONS.
c. SHALL BE WELDED ACCORDING TO AWS SPECIFICATIONS:
i. ELECTRODES: E70
ii. PLATES: ASTM A36
iii. BOLTS: STANDARD ASTM A307
iv. THREADED ROD: COLD DRAWN LOW CARBON WELDABLE
d. ALL METAL COMPONENTS INCLUDING NAILS & SCREWS ETC. ARE TO BE PROTECTIVE COATED.
4. THE C.P. ANCHOR PIER SHALL BE LISTED & LABELED BY CERTIFIED TESTING & CONSULTING SERVICES (CTC) FOR THE FOLLOWING LOADS:
A. C.P. ANCHOR PIER LATERAL: 1893 LBS (WORKING LOAD)
B. C.P. ANCHOR PIER UPLIFT: 2133 LBS (WORKING LOAD)
5. ALL STANDARD CHASSIS PIERS REQUIRED BY THE HOME'S INSTALLATION MANUAL SHALL BE POSITIVELY ATTACHED TO THE CHASSIS BEAMS (WITH LOCK TOPS) AND TO FOUNDATION PAD PER TITLE 25, SECTION 1334.1. THE TYPE, SIZE & LOCATION OF STANDARD CHASSIS PIER MUST BE AS SPECIFIED IN HOME'S INSTALLATION MANUAL.
6. THIS FOUNDATION SYSTEM IS DESIGNED TO BE CONSTRUCTED ON A FAIRLY LEVEL SITE WITH NO EXISTING SOIL PROBLEMS. SEE NOTE 2 AND TITLE 25, SECTION 1334.
7. THIS SYSTEM MAY BE USED WITH MASONRY BLOCK STANDARD SUPPORTS. THE BLOCKS SHALL BE INSTALLED AS SPECIFIED IN THE HOME'S INSTALLATION MANUAL.
8. THE C.P. ANCHOR PIER SHALL NOT BE INSTALLED IN NON-COHESIVE SOIL. (CLASS 4 SP, SW, GP, GW).

FOUNDATION PAD NOTES:
1. THE CUSTOMER MAY CHOOSE EITHER THE PLYWOOD FOUNDATION PAD OR A CAST-IN-PLACE CONCRETE FOOTING.
2. FDTN PADS SHALL BE PLACED ON FIRM, LEVEL UNDISTURBED SOIL (SEE GEN. NOTE 2)
3. PLYWOOD PAD: 24"x24"x3/4" P.T. PLYWOOD.
4. CONCRETE FOOTING: MINIMUM FOOTING SIZE IS 24"x24"x18" DEEP. MINIMUM 2000 PSI COMPRESSIVE STRENGTH. ANCHOR RODS MAY BE WET SET OR INSTALLED IN PRE-DRILLED HOLES INTO THE SET CONCRETE FOOTING. PLYWOOD PAD MAY BE OMITTED WHEN C.P. ANCHOR IS INSTALLED ON CONCRETE.

COACH SIZE NOTES:
1. UNLESS APPROVED BY ROCK SOLID ENGINEERING, INC., THE ROOF PITCH SHOULD NOT EXCEED THAT LISTED IN TABLE.
2. FOR ANY HOME SIZE OTHER THAN AS SHOWN ON THIS PLAN OR REFERENCED IN THE TABLE, THE LAYOUT SHALL BE REVIEWED & APPROVED BY ROCK SOLID ENGINEERING, INC.

INSPECTION REQUIREMENTS:
1. THE DESIGN OF THIS SYSTEM IS BASED ON STANDARD MANUFACTURED HOMES AS BUILT BY THE MANUFACTURER. SITE BUILT ADDITIONS SUCH AS GARAGES AND SECONDARY ROOFS HAVE NOT BEEN INCLUDED IN THIS DESIGN.
2. ALL DIMENSIONS INCLUDED ON THIS PLAN, INCLUDING COACH SIZE, ROOF HEIGHT AND PIER HEIGHT, SHOULD BE FIELD VERIFIED BY THE LOCAL BUILDING OFFICIAL. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION.
3. THE BUILDING PAD SHOULD BE INSPECTED TO ENSURE THAT PROPER SOIL CONDITIONS AND DRAINAGE PATTERNS HAVE BEEN ESTABLISHED IN ACCORDANCE WITH TITLE 25 & THE HOME INSTALLATION MANUAL.

STATE APPROVAL

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

SUBJECT TO CORRECTIONS NOTED

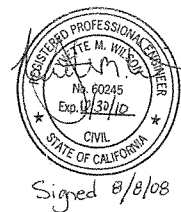
APPROVAL DOES NOT AUTHORIZE OR APPROVE ANY OMISSIONS OR DEVIATION FROM REQUIREMENTS OF APPLICABLE STATE LAWS AND REGULATIONS

State of California Department of Housing and Community Development

BY: [Signature] DATE: 8/11/2010

SPA NO. 30-9F (signature)

This Plan Approval Expires: 8/11/2010



REVISIONS BY

ROCK SOLID ENGINEERING, INC.
CIVIL & GEOTECHNICAL CONSULTANTS
Foundation Engineering • Site Assessments • Manufactured Home Foundations • Expert Witness

FOR: CENTRAL PIERS, INC.
284 N. THORNE
FRESNO, CA. 93706
1 800 653 0387

C.P. ANCHOR PIER-FOUNDATION SYSTEM (SPA 30-9F)

DATE: 08-07-08
SCALE: AS SHOWN
DRAWN: YMW
JOB #: W03002
SHEET: 1
OF 1 SHEETS