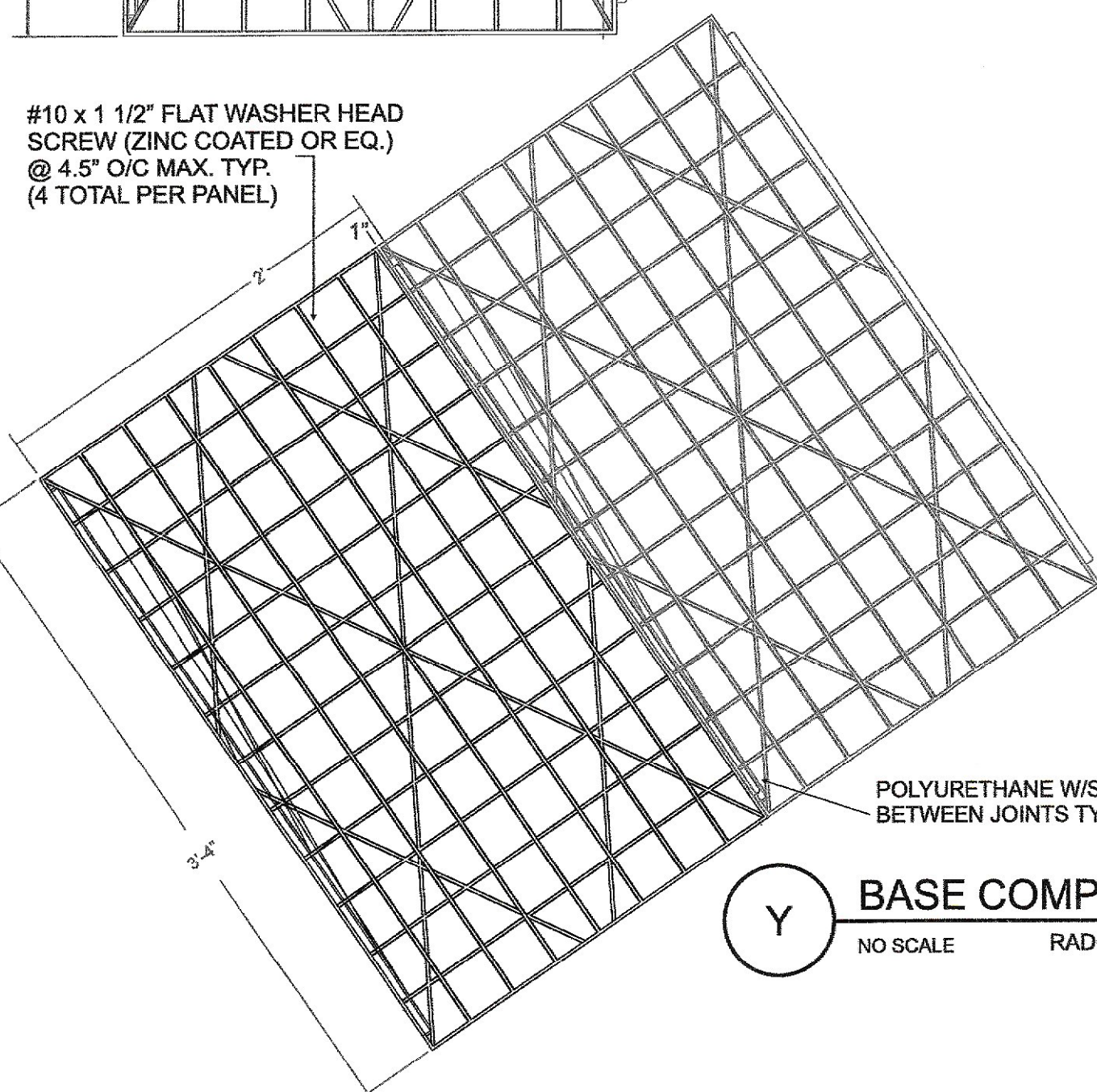
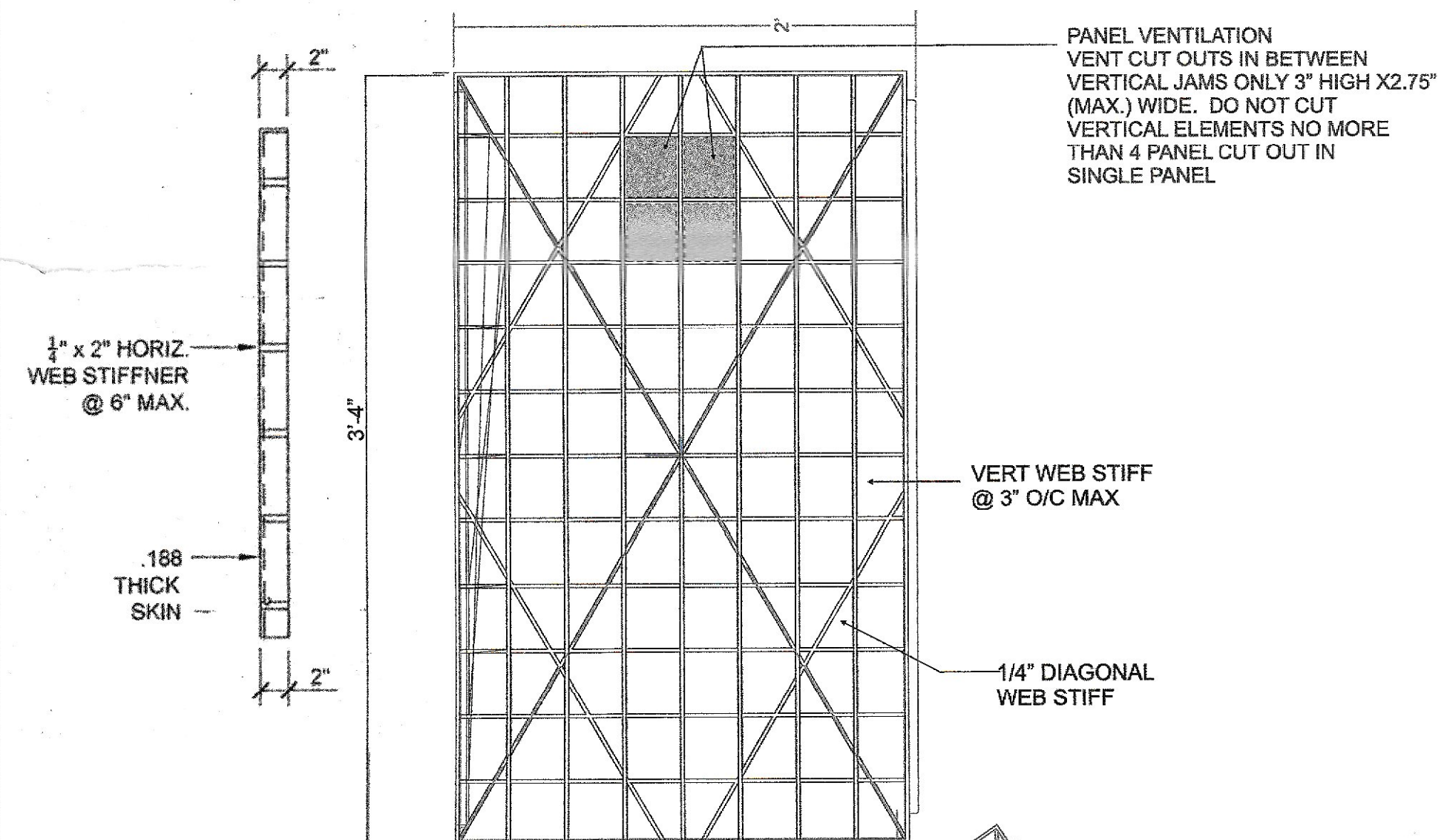
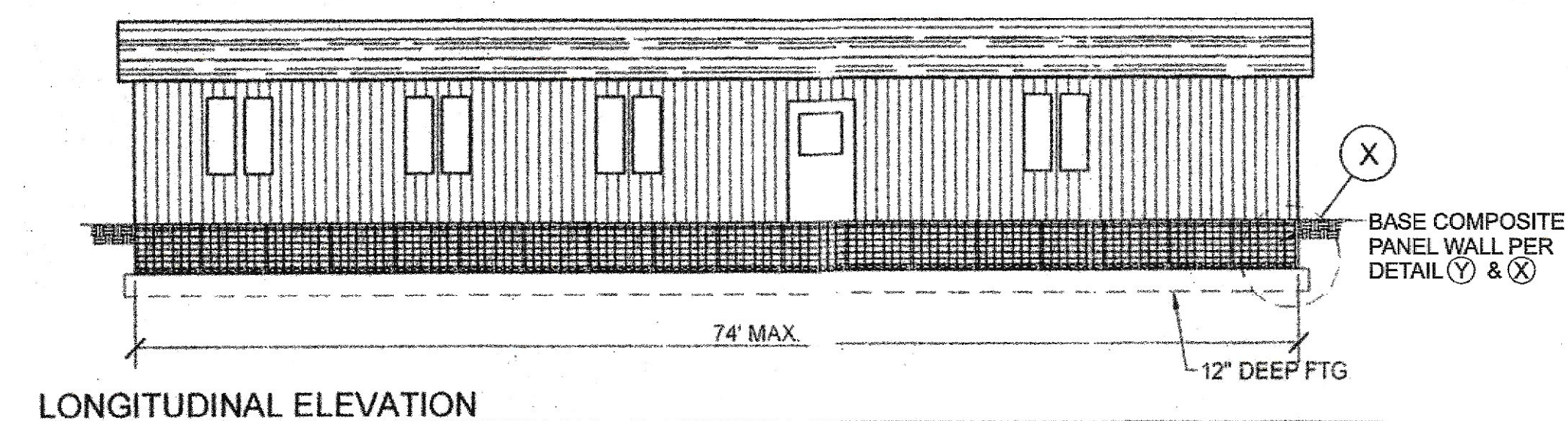
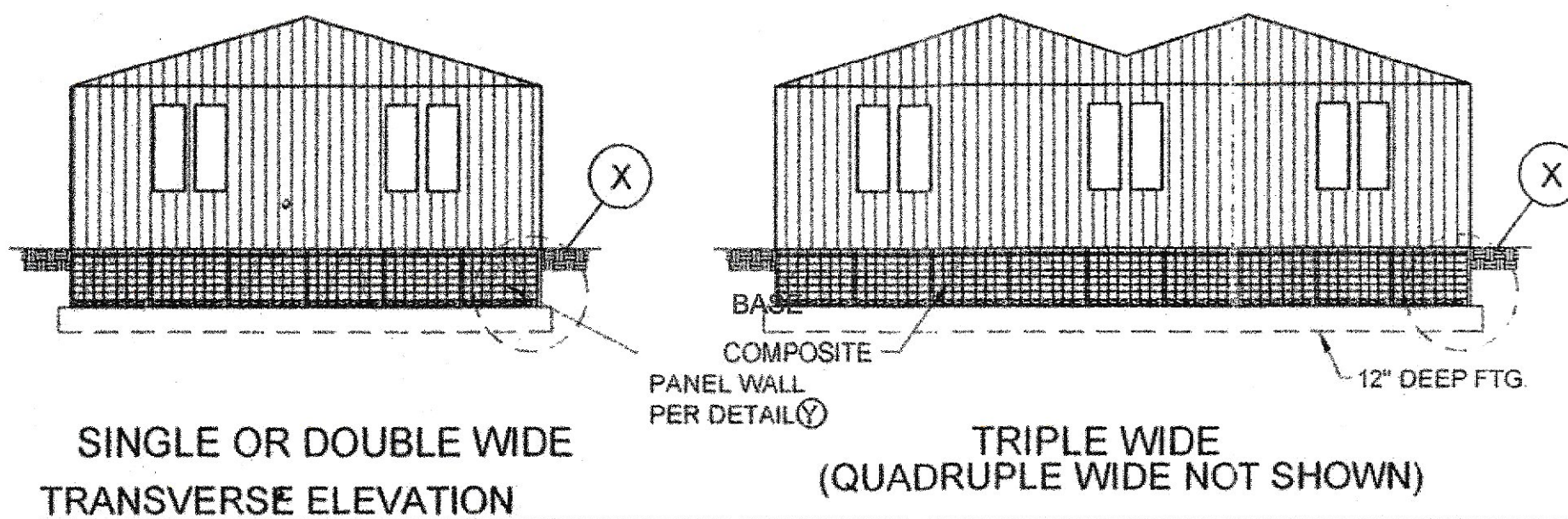
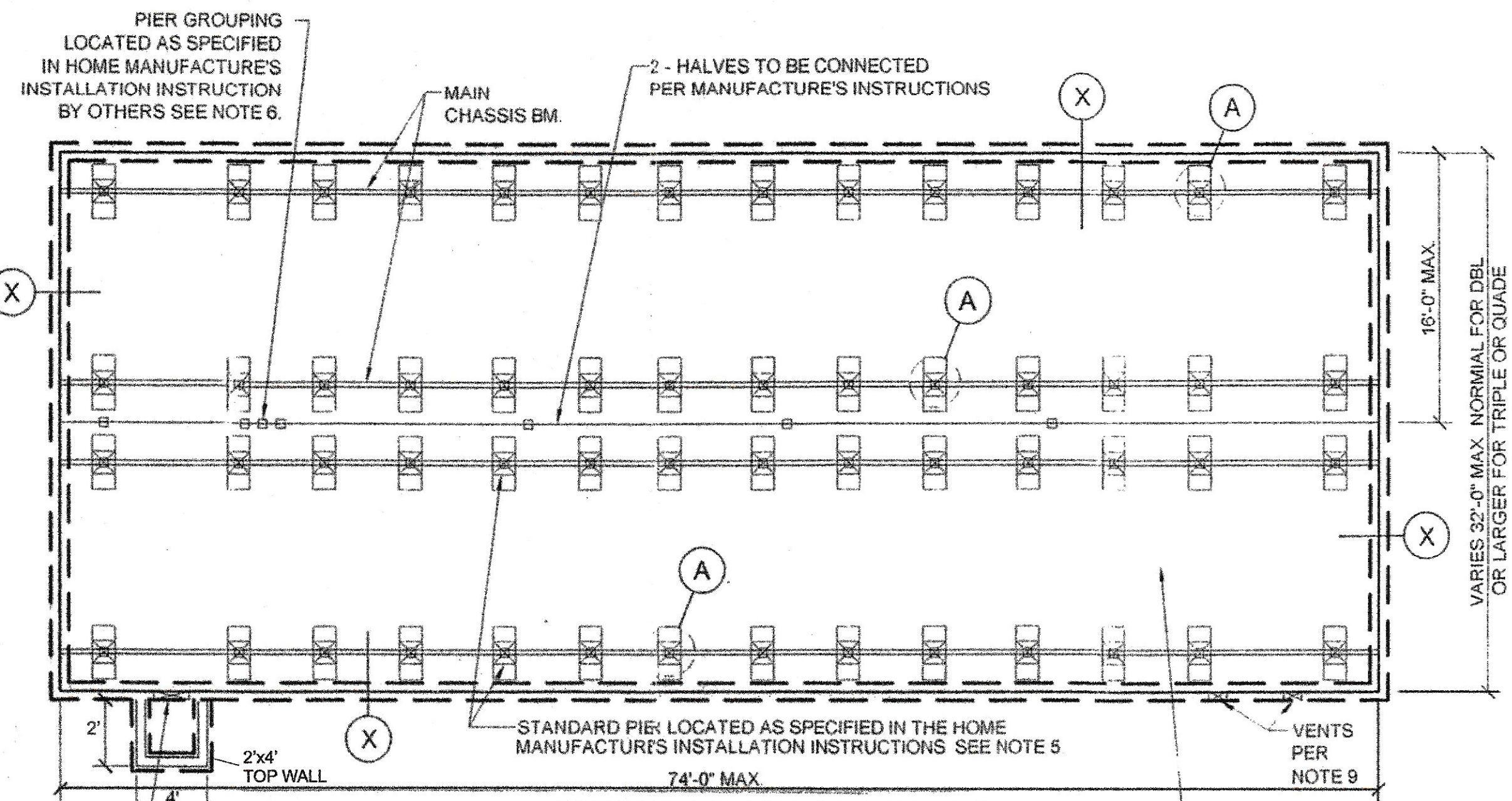


# THE BASE WALL PERMANENT FOUNDATION SYSTEM

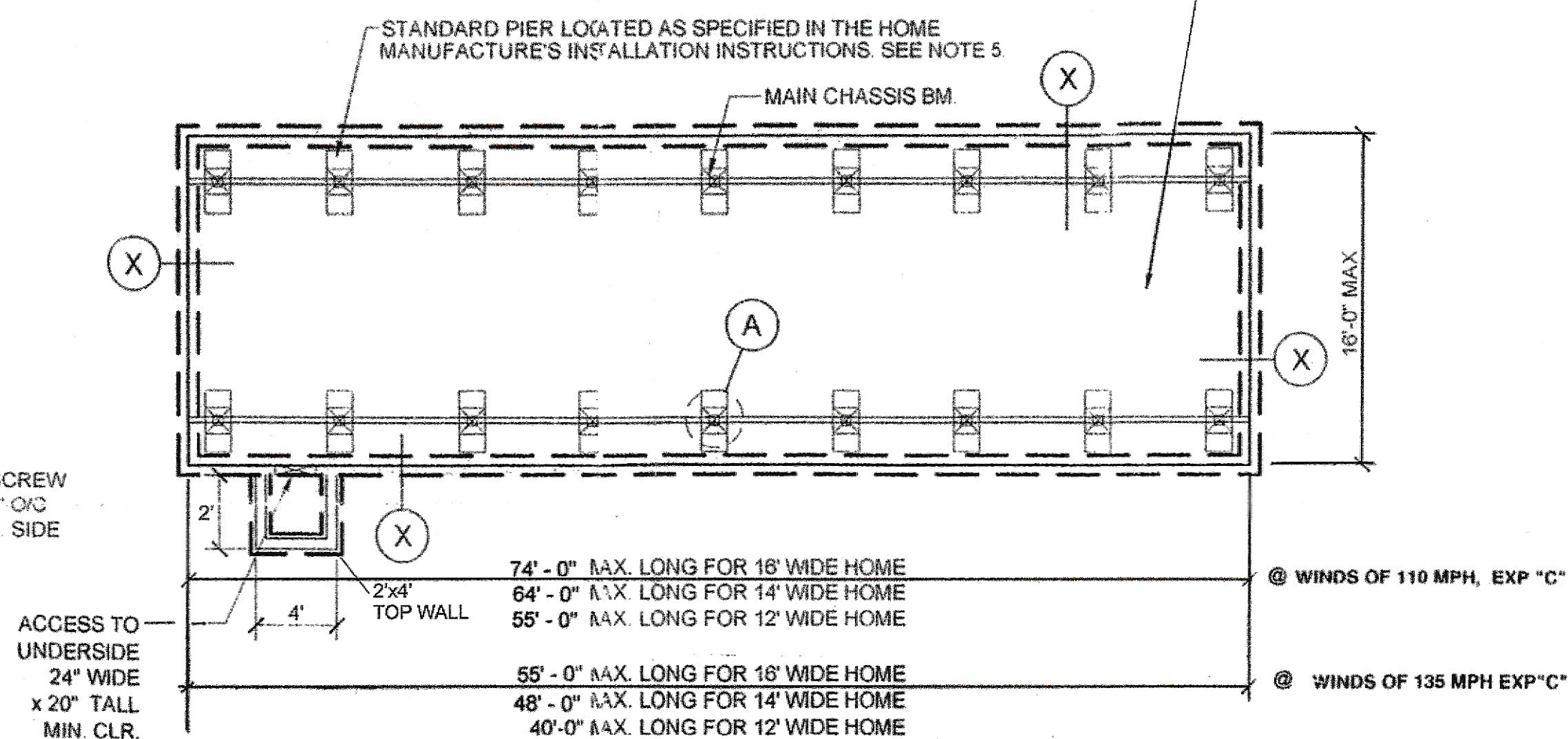
IN COMPLIANCE WITH 2022 CRC & CALIFORNIA CODE OF REGULATIONS TITLE 25, CHAPTER 2 & 2.2.



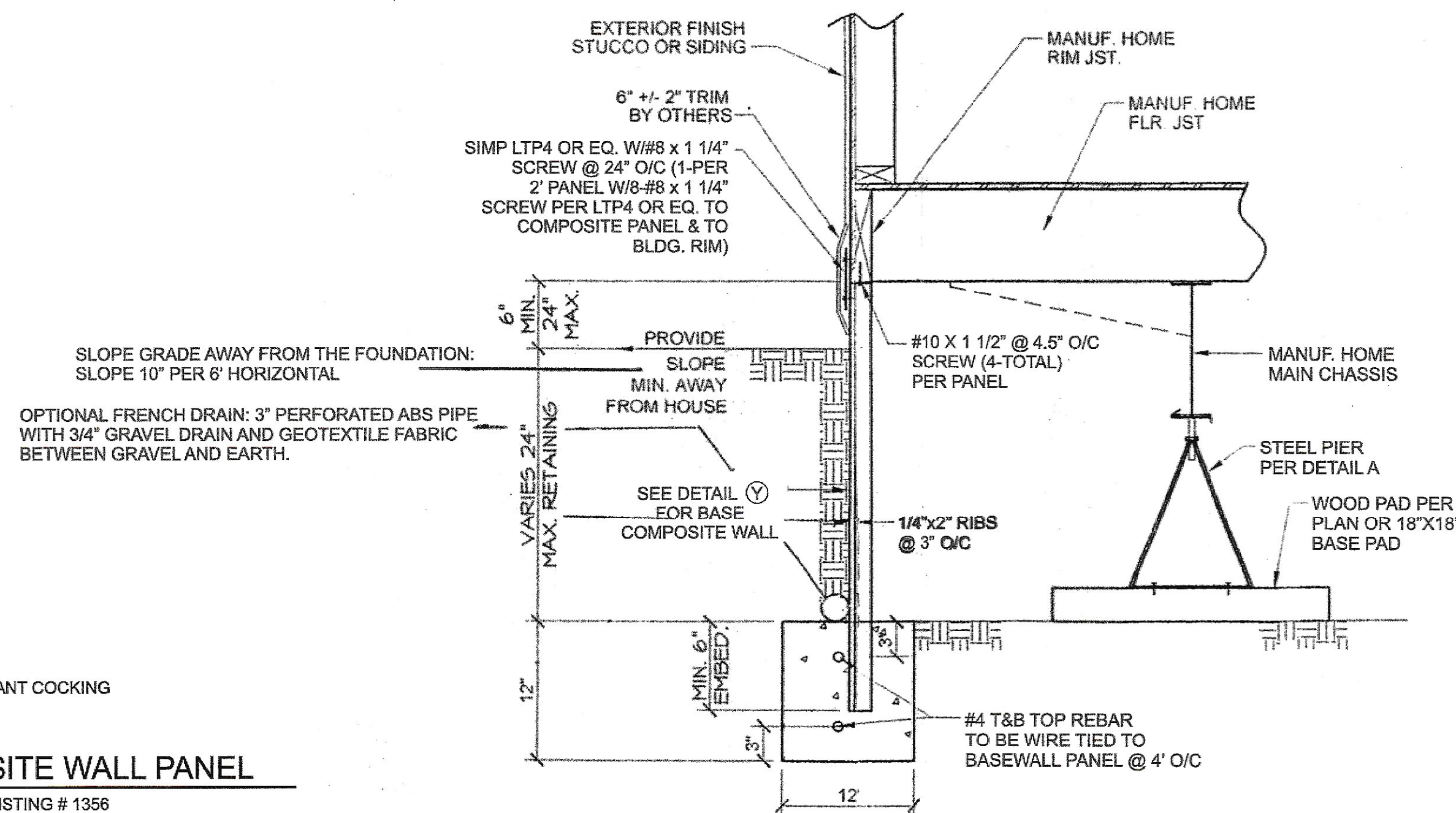
**Y BASE COMPOSITE WALL PANEL**  
NO SCALE RADCO LISTING # 1356



**B TYPICAL FOUNDATION PLAN DOUBLE WIDE**



**C TYPICAL FOUNDATION PLAN FOR SINGLE WIDE**



**X FOUNDATION DETAIL**  
NO SCALE

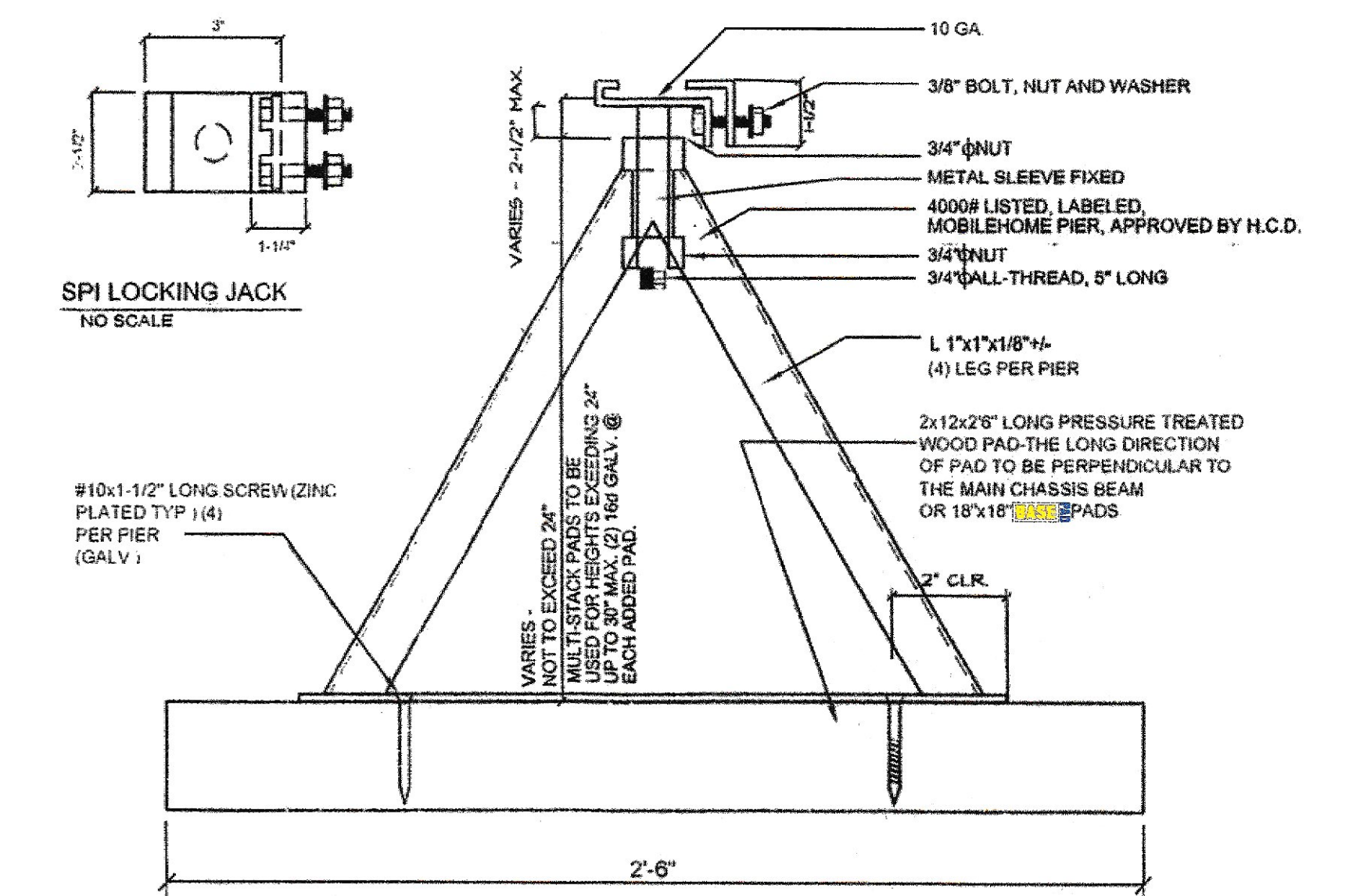
SUBSET HOMES WILL REQUIRE AN UNDERFLOOR DRAIN. DRAIN TO DAYLIGHT OR STORM DRAIN SYSTEM.

## NOTES AND SPECIFICATIONS DESIGN CRITERIA:

NOTE: THIS PLAN CANNOT BE USED FOR PLACEMENT OF MANUFACTURED HOMES IN FLOOD HAZARD AREAS A SEPARATE PLAN IS REQUIRED.

- MATERIALS**  
STEEL SHAPES AND PLATES :ASTM A36  
STEEL TUBE :ASTM A500 OR B  
BOLTS :ASTM A307 MIN  
CONCRETE: TO BE 2500 PSI @ 28 DAYS ALL REINFORCING STEEL TO BE GRADE 60
- 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 E70XS X (SPRAY ARC ONLY).
- THIS FOUNDATION IS TO BE PLACED ON A FAIRLY LEVEL SITE WITH NO EXISTING SOIL PROBLEMS. IF SETTLEMENT 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.
- 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 MANUF. INSTALLATION INSTRUCTIONS, PLANS AND SPECIFICATIONS SIGNED BY A LICENSED ENG. 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.
- 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.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2016 CRC AND WITH ALL APPLICABLE LOCAL CODES AND ORDINANCES FINISH GRADE MUST BE SLOPED AWAY FROM PERIMETER OF HOME SO AS TO PREVENT WATER FROM SEEPING IN UNDER THE SKIRTING.
- SUPPORT PIER PADS TO BE 2x12x2'-6" LONG PRESSURE TREATED WOOD OR 18"x18" BASE PADS
- A MIN. 18" CLEARANCE SHALL BE MAINTAINED BENEATH FLOOR JST. & 12" MIN. BELOW MAIN STEEL CHASSIS BEAM
- CUT VENT AS NEEDED 6" WIDE MAX. x 6.5" LONG MAX. (1 SQ. FT. OF VENT FOR EACH 150 SQ. FT. UNDER FLOOR)
- ALL SCREWS TO BE ZINC PLATED RUST RESISTANCE.
- BOTTOM AND SIDE OF PANEL MAY BE CUT TO FIT.
- BASE COMPOSITE WALL PANEL  
LOAD CAPACITY: HORIZONTAL LOAD (PER 2' PANEL)..... 1550#

|                                                                                                                                               |                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| CODE                                                                                                                                          | 2022 CRC                              |
| FLOOR LIVE LOAD:                                                                                                                              | 40 PSF                                |
| ROOF LIVE LOAD:                                                                                                                               | 20 PSF                                |
| SNOW:                                                                                                                                         | 20 PSF                                |
| EARTHQUAKE:                                                                                                                                   | SEISMIC DESIGN CATEGORY SDC "E"       |
| SITE CLASS "D"                                                                                                                                | Ss = 1.5                              |
| SOIL:                                                                                                                                         | NOMINAL 1500 PST                      |
| WIND:                                                                                                                                         | 110 MPH EXT. "C" AND 135 MPH. EXT "C" |
| DENSITY:                                                                                                                                      | TOPOGRAPHIC FACTORY K=1.0             |
| POLY PLASTIC FLEXURAL STRESS                                                                                                                  | 1.19g/cm3                             |
| IMPACT STRENGTH:                                                                                                                              | 1.251 PSI                             |
|                                                                                                                                               | 1.08 FOOT - lb/in                     |
| *IF SITE CRITERIA DIFFERS FROM ABOVE THE ENGINEER HAS TO BE NOTIFIED AND PLAN NEEDS TO BE ALTERED BY ENGINEER OF RECORD TO MEET NEW CRITERIA. |                                       |



**A PIER & SAFETY JACK**  
NO SCALE

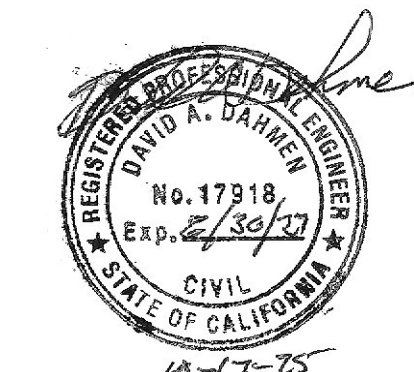
## STATE APPROVAL

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

Department of Housing and Community Development

BY *[Signature]* DATE 10/18/21  
SFA 112-20 10/18/21  
This Plan Approval expires 10/18/21



951-674-4011

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