

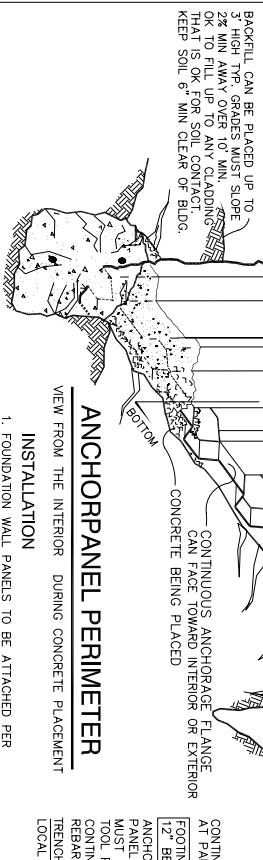
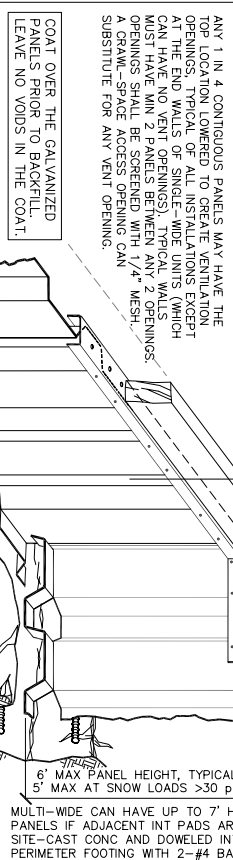
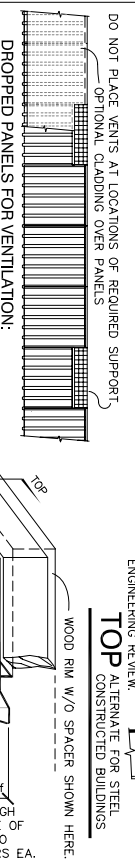
LAG SCREW FASTENING REQUIREMENTS:

2 LAG SCREWS PER FOOT OF PANEL (EXCEPT AT VENTS). TYPICAL. LOCATIONS WITH DESIGN SNOW LOADS GREATER THAN 30 psf UP TO 150 psf REQUIRE 3 LAG SCREWS PER FOOT OF PANEL.

DO NOT PLACE VENTS AT LOCATIONS OF REQUIRED SUPPORT. OPTIONAL GLADDING OVER PANELS.

DROPPED PANELS FOR VENTILATION:

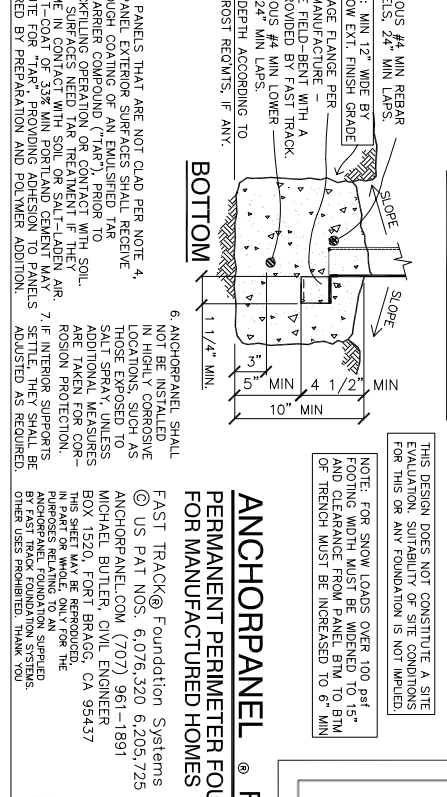
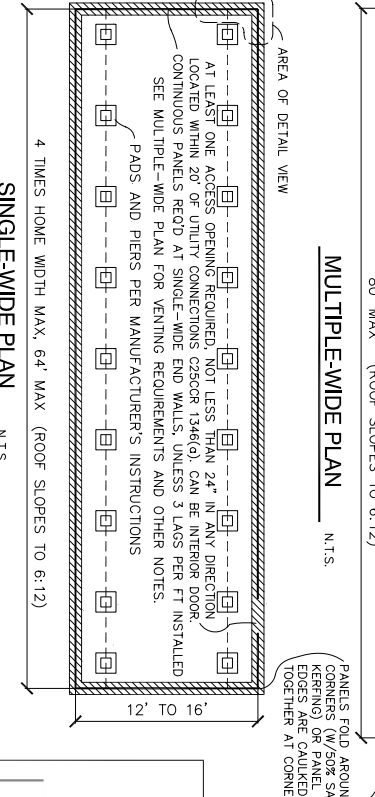
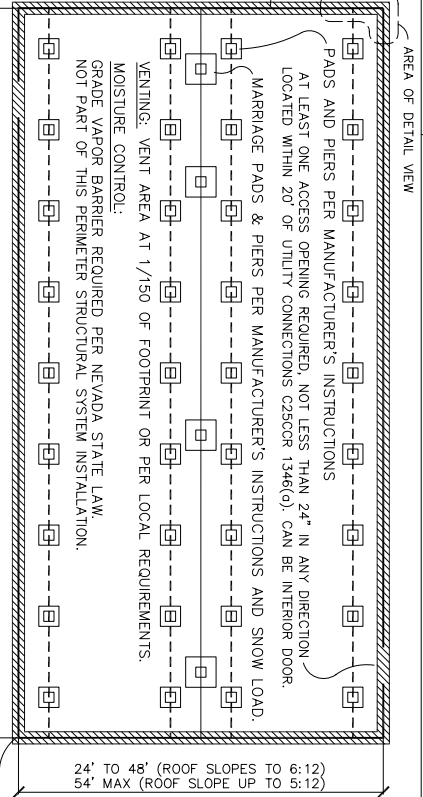
ANY 1 IN 4 CONTIGUOUS PANELS MAY HAVE THE TOP LOCATION LOWERED TO CREATE VENTILATION OPENINGS. TYPICAL OF ALL INSTALLATIONS EXCEPT FOR DROPPED PANELS. DROPPED PANELS CAN HAVE NO VENT OPENINGS. TYPICAL PANELS MUST HAVE MIN 2 PANELS BETWEEN ANY 2 OPENINGS. OPENINGS SHALL BE SCREENED WITH 1/4" MESH. A CRAWL-SPACE ACCESS OPENING CAN SUBSTITUTE FOR ANY VENT OPENING.



SPECIFICATIONS

MATERIALS

- ALL PANEL, STEEL MATERIAL TO MEET ASTM A-663
- 18 GAUGE (0.0437") MIN. GRADE 40 MIN. G-210 GALV. MIN.
- TOP DETAIL SCREWS TO BE HD GALV OR ZINC P.L.T.
- 3 PANEL DEFORMATIONS AT BOTTOM TO MEET DETAILS.
- 4 IN-SITU CONCRETE 28 DAY STRENGTH TO BE 2500psi.
- REINFORCING BARS PER ASTM A-615 GRADE 40 MIN.



DESIGN LOADS

PER 2012 IRC AND PER SECTION 301.4 APPLIES.

ROOF LIVE LOAD: 30 psf

MAX SNOW LOAD: 150 psf

FLOOR LIVE LOAD: 50 psf max, 22 psf min.

M.H. UNIT WEIGHT: 50 psf max, 22 psf min.

SEISMIC LOADS: AS REQUIRED BY GEOTECH DESIGN SRS Ss=2.22, F=1.0 or Ss=1.25, Srs=1.48

WIND LOAD: 15 psf min Exp C.

FOR Ss=2.22 or min Exp D, CONTACT US

INSTALLATION / SITE REQUIREMENTS

PROPERLY INSTALLED ANCHORPANEL WILL PROVIDE LOAD-SPREADING GRADE-BEAM PROPERTIES SUPERIOR TO ANY INTERIOR PIER OR THE-DOWN FOUNDATION SYSTEM.

1. SOIL CONDITIONS SHOULD BE SUITABLE FOR CONVENTIONAL CONSTRUCTION, WITH A MINIMUM BEARING STRENGTH OF 1000psf.

2. THIS SYSTEM IS SUITABLE FOR SLOPING SITES, PROVIDING MAXIMUM PANEL HEIGHT IS THAT SHOWN, AND FOOTING TRENCHES AT SLOPES > 10% ARE LEVEL-STEPPED.

3. FINISH GRADERS SHALL SLOPE PER CIRC REGS TO DRAIN SURFACE WATER AWAY FROM FDN. EXCEPTS CAN BE UTILIZED WITH PROJECT-SPECIFIC PROFESSIONAL CIVIL ENGINEERING.

4. LOW PROFILE SETS SHALL BE MADE IN CONSIDERATION OF SITE MOISTURE, AND ONLY WHERE SUCH CONDITIONS ALLOW A SUITABLY DRY CRAWL-SPACE.

DESIGN LOADS CAN BE MODIFIED WITH SECTION 301.4 APPLIES.

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ROOF LIVE LOAD: 30 psf

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APPROVED

Review & Seal
 Michael Butler
 Professional Engineer
 State of Nevada
 License No. 51320

DATE: MAR 03 2014

ANCHORPANEL® FOUNDATION SYSTEM

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SHEET 1 OF 1

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