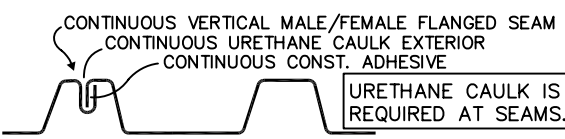


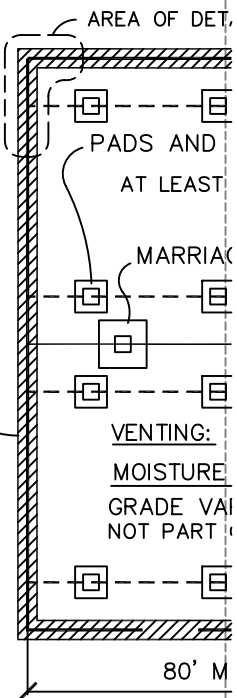
**LAG SCREW FASTENING REQUIREMENTS**

2 LAG SCREWS PER FOOT OF PANEL (EXCEPT AT VENTS), TYPICAL.

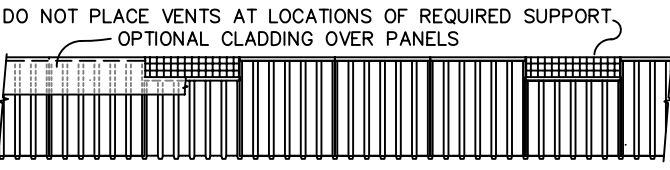
LOCATIONS WITH SNOW LOADS OVER 120 PSF REQUIRE 3 LAG SCREWS PER FOOT OF ATTACHED PANEL.



**PLAN/SECTION DETAIL @ SEAM**  
SEAMS AT 3' O/C ABOUT THE PERIMETER TYPICAL



CONTINUOUS PANELS AROUND ENTIRE HOME WITH VENT-PANELS AND ACCESS OPENINGS INSTALLED AT A MAXIMUM OF 1 IN 4 PANELS ON AVERAGE FOR LONGITUDINAL WALLS. TRANSVERSE WALLS OF MULTI-UNIT HOMES CAN HAVE ONE OPENING PER UNIT, MAX.



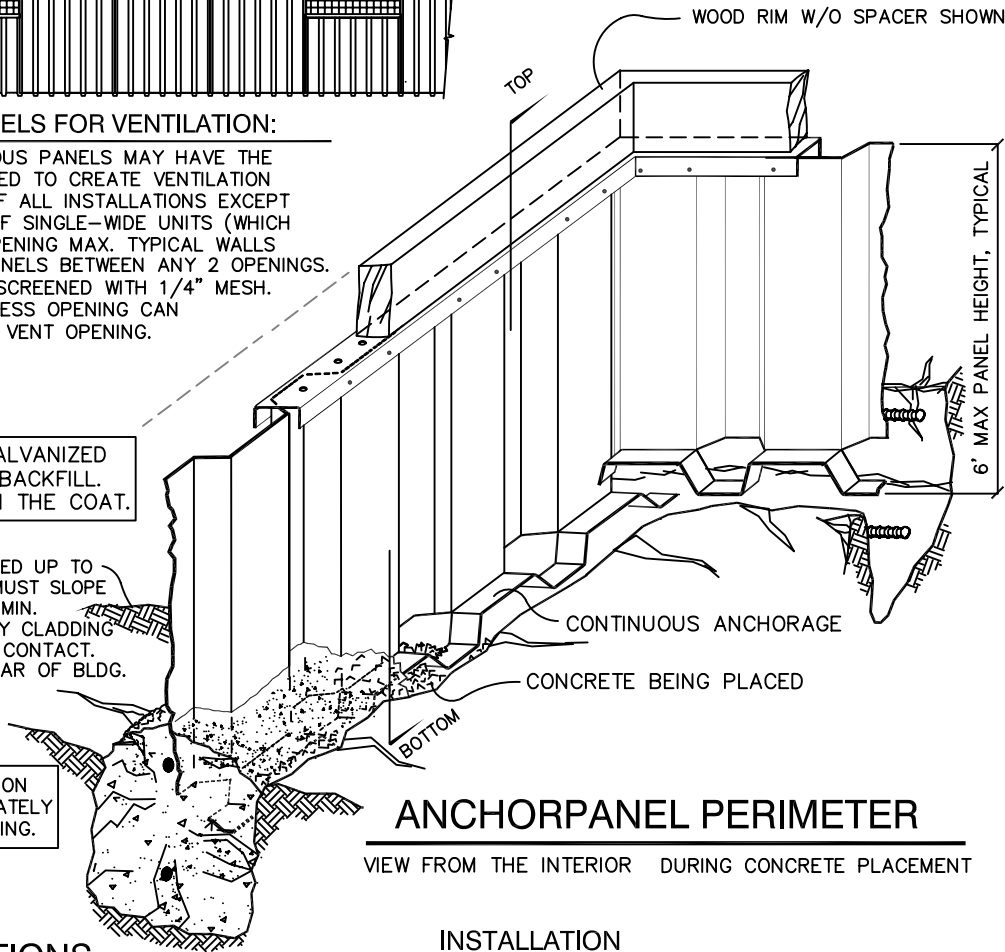
**DROPPED PANELS FOR VENTILATION:**

ANY 1 IN 4 CONTIGUOUS PANELS MAY HAVE THE TOP LOCATION LOWERED TO CREATE VENTILATION OPENINGS, TYPICAL OF ALL INSTALLATIONS EXCEPT AT THE END WALLS OF SINGLE-WIDE UNITS (WHICH CAN HAVE 1 VENT OPENING MAX. TYPICAL WALLS 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.

COAT OVER THE GALVANIZED PANELS PRIOR TO BACKFILL. LEAVE NO VOIDS IN THE COAT.

BACKFILL CAN BE PLACED UP TO 3' HIGH TYP. GRADES MUST SLOPE 2% MIN OVER 5' AWAY MIN. OK TO FILL UP TO ANY CLADDING THAT IS OK FOR SOIL CONTACT. KEEP SOIL 6" MIN CLEAR OF BLDG.

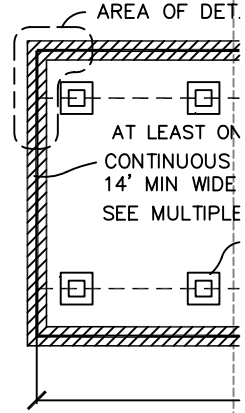
FOR BACKFILL CONDITION SITE MUST BE ADEQUATELY DRY AND WELL-DRAINING.



**ANCHORPANEL PERIMETER**

VIEW FROM THE INTERIOR DURING CONCRETE PLACEMENT

7' MAX, AT SLOW LOADS OF 80 PSF MAX.



CONTINUOUS #4 MIN REBAR AT PANELS, 24" MIN LAPS.

FOOTING: MIN 12" WIDE BY 12" BELOW EXT. FINISH GRADE

ANCHORAGE FLANGE PER PANEL MANUFACTURE - MUST BE FIELD-BENT WITH TOOL PROVIDED BY FAST TR. CONTINUOUS #4 MIN LOWER-REBAR, 24" MIN LAPS.

TRENCH DEPTH ACCORDING TO LOCAL FROST REQUIREMENTS.

**SPECIFICATIONS**

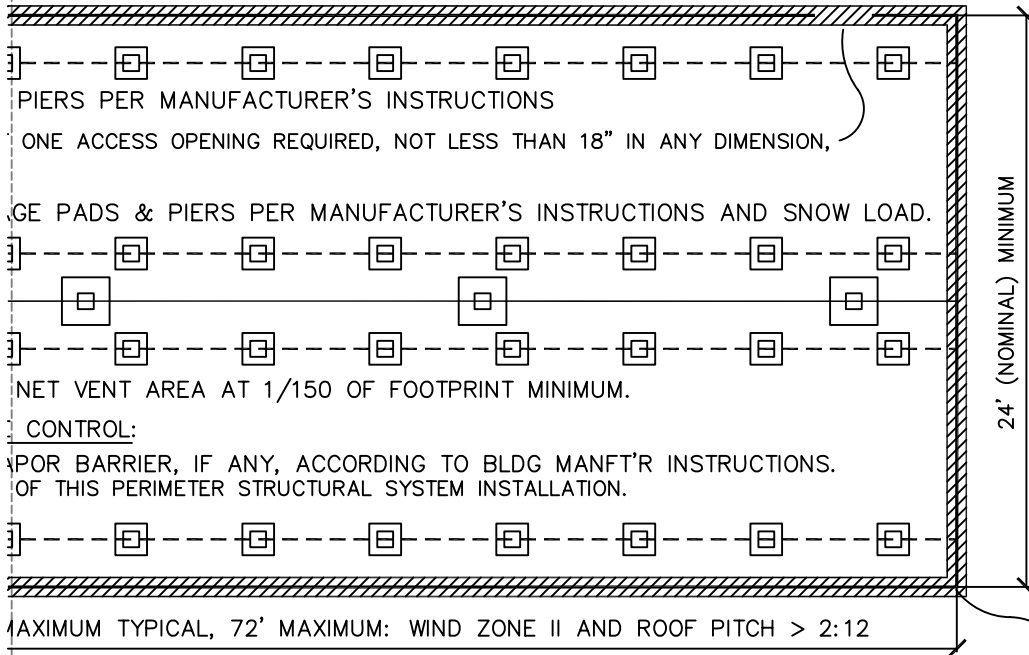
**MATERIALS**

1. ALL PANEL STEEL MATERIAL TO MEET ASTM A-653 18 GAGE (0.043") MIN, GRADE 40 MIN, G-90 GALV MIN.
2. TOP DETAIL SCREWS TO BE HD GALV OR ZINC PLT.
3. PANEL DEFORMATIONS AT BOTTOM TO MEET DETAILS.
4. IN-SITU CONCRETE 28 DAY STRENGTH TO BE 2500psi.
5. REINFORCING BARS PER ASTM A-615 GRADE 40 MIN.

**INSTALLATION**

1. FOUNDATION WALL PANELS TO BE ATTACHED PER TOP & SEAM DETAIL BEFORE CONCRETE PLACEMENT.
2. TOP FOOTING REBAR SHALL BE USED TO TRUE PANELS.
3. AS CONCRETE IS PLACED IN FOOTING TRENCH, PANELS SHALL BE CHECKED FOR PLUMB (+/- 2%) BEFORE CONCRETE HAS SET. EXTERIOR CONCRETE SHALL GENERALLY SLOPE AWAY FROM PANELS.
4. PANEL EDGES SHALL NOT BE LEFT EXPOSED TO THE WEATHER OR LEFT IN CONTACT WITH BACKFILL.
5. ENTIRE PANEL EXTERIOR SURFACE TO BE COATED WITH A THOROUGH COATING OF AN EPOXY-BASED BARRIER COMPOUND ("TAR"). ANY BACKFILLING OPERATION OF INTERIOR SURFACES NEED TAR. ANY BACKFILLING OPERATION OF INTERIOR SURFACES WILL COME IN CONTACT WITH SCAFFOLDING. A CEMENT-COAT OF 33% MIN PORTLAND CEMENT SUBSTITUTE FOR "TAR", PROVIDED IT IS ASSURED BY PREPARATION A CONTRACTOR. ALTERNATIVELY, PANELS MAY BE COATED WITH EPOXY OR POLYMER COATING IN DAMAGED AREAS MUST BE RECORRECTED.

TAIL VIEW

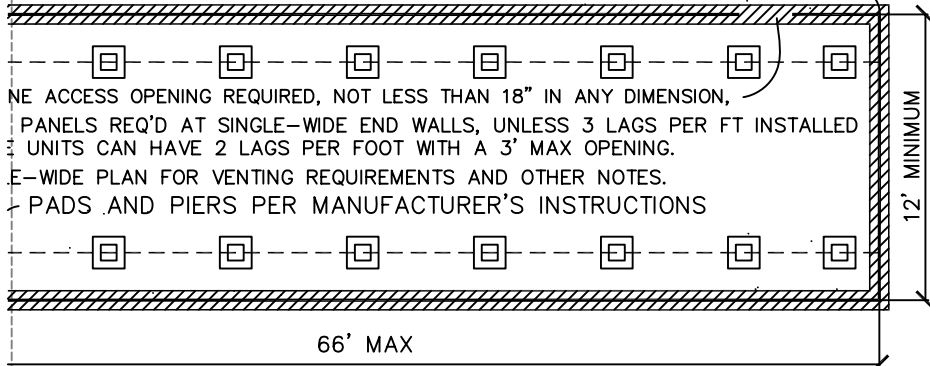


PIERS PER MANUFACTURER'S INSTRUCTIONS  
 ONE ACCESS OPENING REQUIRED, NOT LESS THAN 18" IN ANY DIMENSION,  
 GE PADS & PIERS PER MANUFACTURER'S INSTRUCTIONS AND SNOW LOAD.  
 NET VENT AREA AT 1/150 OF FOOTPRINT MINIMUM.  
 CONTROL:  
 VAPOR BARRIER, IF ANY, ACCORDING TO BLDG MANFTR INSTRUCTIONS.  
 OF THIS PERIMETER STRUCTURAL SYSTEM INSTALLATION.  
 MAXIMUM TYPICAL, 72' MAXIMUM: WIND ZONE II AND ROOF PITCH > 2:12

**MULTIPLE-WIDE PLAN** N.T.S.

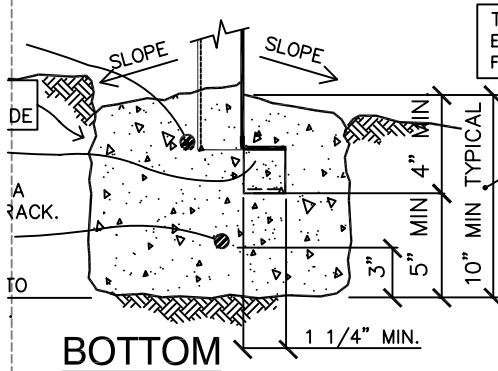
PANELS FOLD AROUND CORNERS (W/50% SAW KERFING) OR PANEL EDGES ARE CAULKED TOGETHER AT CORNERS.

TAIL VIEW



ONE ACCESS OPENING REQUIRED, NOT LESS THAN 18" IN ANY DIMENSION,  
 PANELS REQ'D AT SINGLE-WIDE END WALLS, UNLESS 3 LAGS PER FT INSTALLED  
 UNITS CAN HAVE 2 LAGS PER FOOT WITH A 3' MAX OPENING.  
 SINGLE-WIDE PLAN FOR VENTING REQUIREMENTS AND OTHER NOTES.  
 PADS AND PIERS PER MANUFACTURER'S INSTRUCTIONS  
 66' MAX

**SINGLE-WIDE PLAN** N.T.S.



THIS DESIGN DOES NOT CONSTITUTE A SITE EVALUATION. SUITABILITY OF SITE CONDITIONS FOR THIS OR ANY FOUNDATION IS NOT IMPLIED.

12" MIN FOR SNOW LOADS OVER 80 PSF.

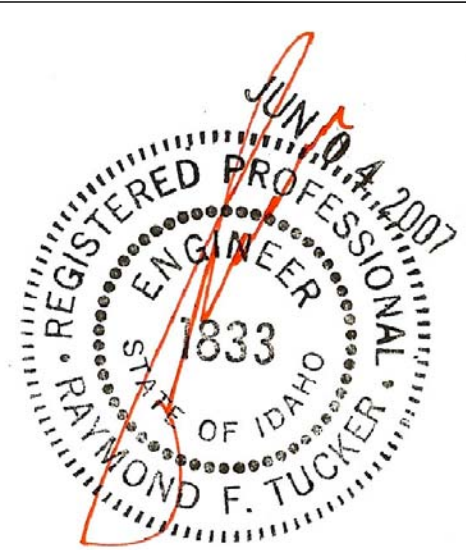
**BOTTOM**

**DESIGN LOADS**

ROOF LIVE LOAD:	30 psf	DESIGN LOADS AND BLDG GEOMETRY CAN MODIFY WITH PROJECT-SPECIFIC ENGINEERING
SNOW LOAD:	80 psf	
MAX SNOW LOAD:	200 psf	
FLOOR LIVE LOAD:	50 psf	
M.H. UNIT WEIGHT:	50 psf max, 22 psf min.	
WIND LOAD:	90 MPH EXPOSURE C	

**INSTALLATION / SITE REQUIREMENTS**

- PROPERLY INSTALLED ANCHORPANEL WILL PROVIDE LOAD-SPREADING GRADE-BEAM PROPERTIES SUPERIOR TO ANY INTERIOR PIER OR TIE-DOWN FOUNDATION SYSTEM.
1. SOIL CONDITIONS SHOULD BE SUITABLE FOR CONVENTIONAL CONSTRUCTION, WITH A MINIMUM BEARING STRENGTH OF 1000psf. CLAYS WHICH ARE TOO EXPANSIVE FOR CONVENTIONAL FOUNDATION CONSTRUCTION SHALL NOT BE BUILT UPON WITHOUT A GEOTECHNICAL APPROVAL BY OTHERS.
  2. THIS SYSTEM IS SUITABLE FOR SLOPING SITES, PROVIDING MAXIMUM PANEL HEIGHT IS THAT SHOWN, AND FOOTING TRENCHES AT SLOPES > 10% ARE LEVEL-STEPPED. TALLER PANELS CAN BE UTILIZED ONLY WITH PROJECT-SPECIFIC CALCULATIONS BY A STATE LICENSED ENGINEER.
  3. FINISH GRADES SHALL SLOPE 2% OVER 5' MIN TO DRAIN SURFACE WATER AWAY FROM FDN. EXCEPTIONS CAN BE UTILIZED WITH PROJECT-SPECIFIC PROFESSIONAL CIVIL ENGINEERING.
  4. INSTALLATION IN FLOOD HAZARD AREAS SHALL BE PER FEMA GUIDELINES.
  5. LOW PROFILE SETS SHALL BE MADE IN CONSIDERATION OF SITE MOISTURE, AND ONLY WHERE SUCH CONDITIONS ALLOW A SUITABLY DRY CRAWL-SPACE. FOLLOW STATE DRAINAGE DESIGN WHERE REQUIRED.



**ANCHORPANEL® FOUNDATION SYSTEM**

PERMANENT PERIMETER FOUNDATION FOR MANUFACTURED HOMES

SHEET 1 OF 1

**FAST TRACK® Foundation Systems**

ACES SHALL RECEIVE EMULSIFIED TAR ("AR"), PRIOR TO OR CONTACT WITH SOIL. TREATMENT IF THEY SOIL OR SALT-LADEN AIR. PORTLAND CEMENT MAY ADHESION TO PANELS AND POLYMER ADDITION. HAVE A FACTORY-APPLIED IN LIEU OF FIELD-COATING. COATED BEFORE BACKFILLING.

6. ANCHORPANEL SHALL NOT BE INSTALLED IN HIGHLY CORROSIVE LOCATIONS, SUCH AS THOSE EXPOSED TO SALT SPRAY, UNLESS ADDITIONAL MEASURES ARE TAKEN FOR CORROSION PROTECTION.  
 7. IF INTERIOR SUPPORTS SETTLE, THEY SHALL BE ADJUSTED AS REQUIRED.

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