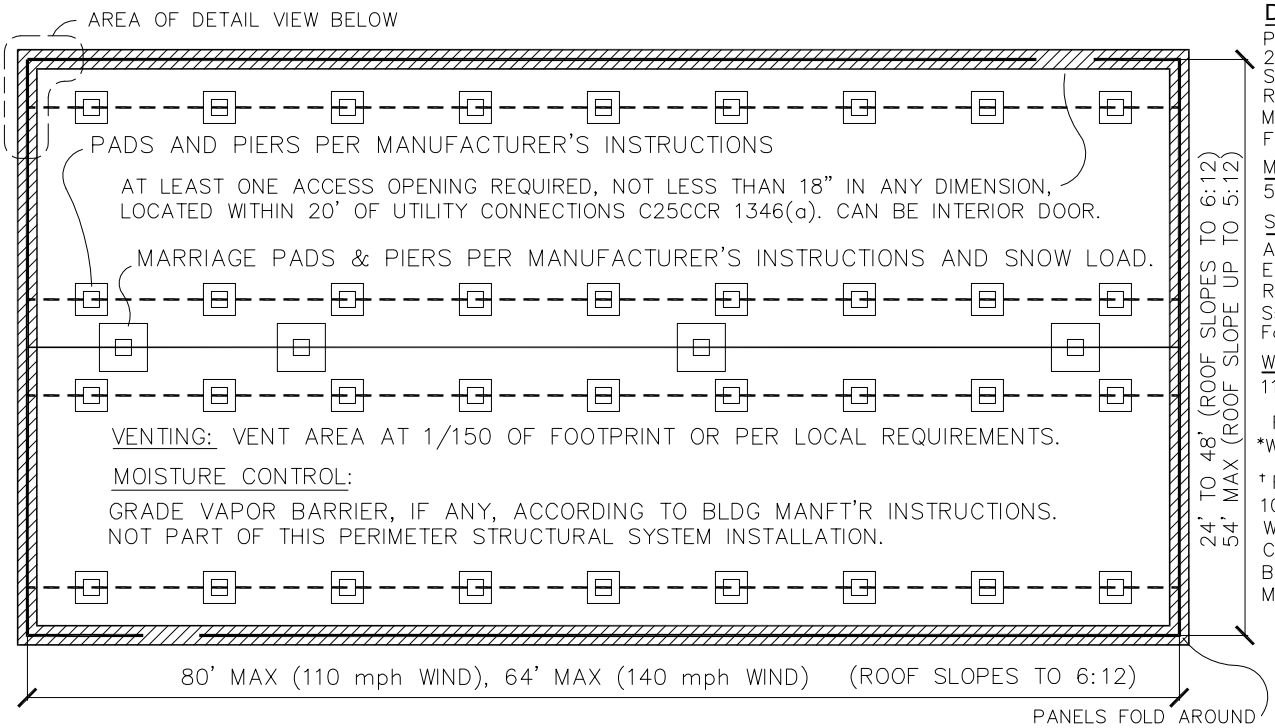


DESIGN LOADS

PER 2022 CRC AND PER 2022 CBC, WHERE CRC SECTION 301.1.3 APPLIES.
ROOF LIVE LOAD: 30 psf
MAX SNOW LOAD: 120 psf†
FLOOR LIVE LOAD: 50 psf

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

SEISMIC DESIGN CRITERIA:
ANY LOCATION IN CA OK, EXCEPT SITE CLASS "F" REQUIR'G GEOTECH REVIEW.
Ss=2.22, SdS= 1.48 MAX*
Fa= 1.0 at Ss > 1.25

WIND DESIGN CRITERIA:
110 to 140 mph Exp C *

FOR SEISMIC Ss>2.22 OR *WIND Exp D, CONTACT US

† FOR SNOW LOADS OVER 100 psf, FOOTING MUST BE WIDENED TO 15", AND THE CLEARANCE FROM PANEL BTM TO BTM OF TRENCH MUST INCREASE TO 6" MIN

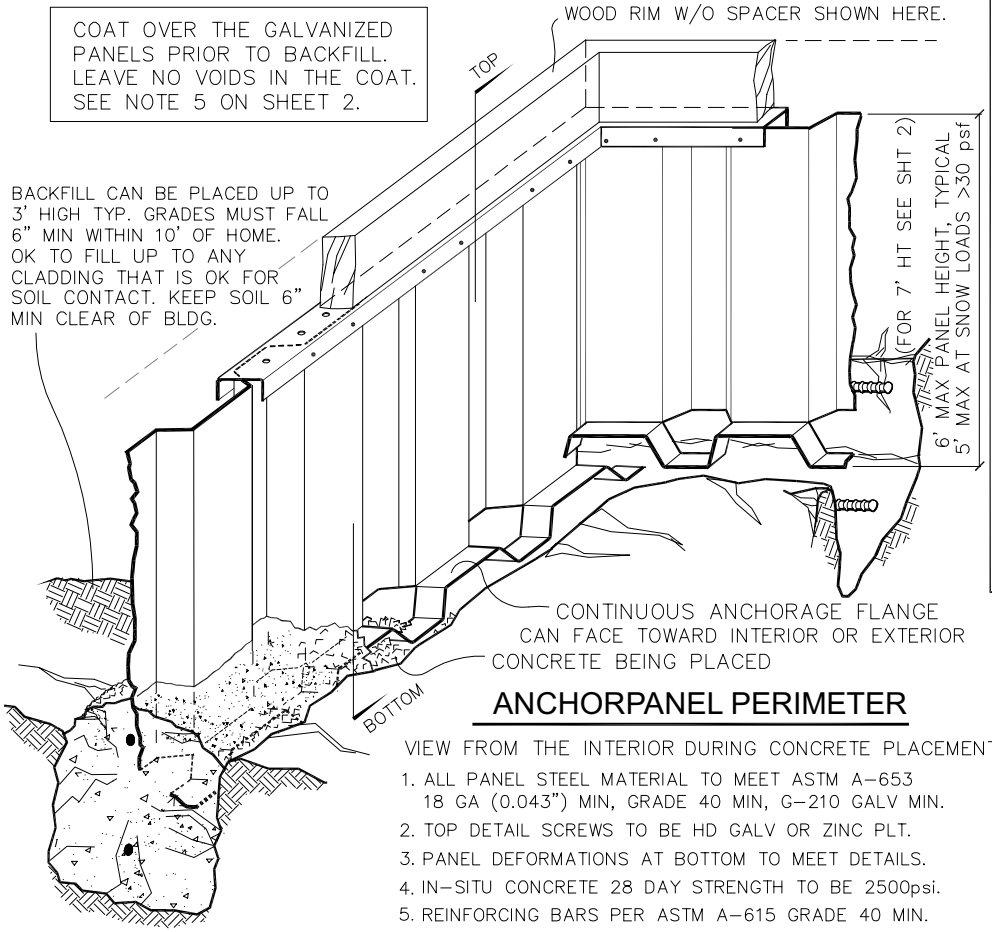
DESIGN LOADS CAN BE MODIFIED WITH PROJECT-SPECIFIC ENGINEERING

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

SINGLE-WIDE HOME FOUNDATION IS IDENTICAL EXCEPT THAT MAX DESIGN WIND SPEED IS 110 MPH.

MULTIPLE-WIDE PLAN N.T.S.

COAT OVER THE GALVANIZED PANELS PRIOR TO BACKFILL. LEAVE NO VOIDS IN THE COAT. SEE NOTE 5 ON SHEET 2.



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

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State of California
Department of Housing and Community Development
DIVISION OF CODES AND STANDARDS
BY _____ (signature) DATE 2/2024
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THIS DESIGN DOES NOT CONSTITUTE A SITE EVALUATION. SUITABILITY OF SITE CONDITIONS FOR THIS OR ANY FOUNDATION IS NOT IMPLIED.

ANCHORPANEL PERIMETER

VIEW FROM THE INTERIOR DURING CONCRETE PLACEMENT

1. ALL PANEL STEEL MATERIAL TO MEET ASTM A-653 18 GA (0.043") MIN, GRADE 40 MIN, G-210 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.
6. 1-STORY FOOTING TYPICAL - SEE NOTES ON SHEET 2.

REGISTERED PROFESSIONAL ENGINEER
MICHAEL BUTLER
No. C048872
Exp. Sept 30, 2026
CIVIL
STATE OF CALIFORNIA

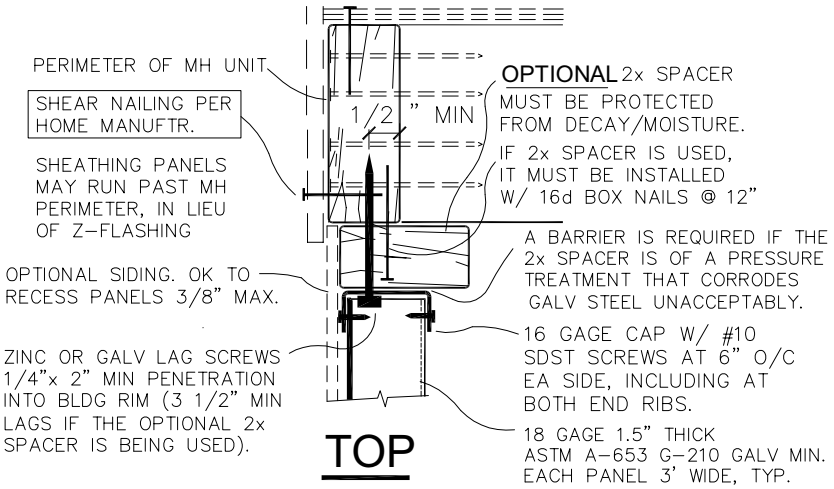
CSPA25

FAST TRACK™ Foundation Systems
US PAT NOS. 6,076,320 6,205,725
ANCHORPANEL.COM (707) 961-1891
FORT BRAGG, CALIFORNIA 95437

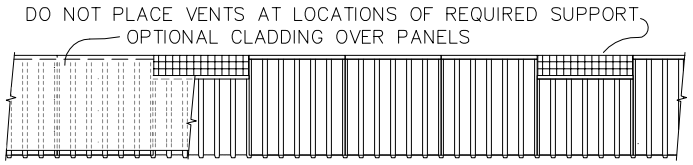
ANCHORPANEL® FOUNDATION SYSTEM

PERMANENT PERIMETER FOUNDATION FOR MANUFACTURED HOMES

SHEET 3 NOT REQ'D OUTSIDE OF FLOOD ZONES



ANCHORPANEL MUST BE INSTALLED WITH CONTINUOUS PANELS AROUND ENTIRE HOME, WITH VENT–PANELS AND ACCESS OPENINGS INSTALLED PER THIS SHEET ONLY. END WALLS OF DBL–WIDE HOMES CAN HAVE ONLY 2 VENT OR DOOR OPENINGS, UNLESS FASTENED WITH 3 LAG SCREWS PER FOOT OF PANEL. END WALLS OF SINGLE–WIDE CANNOT HAVE ANY VENT OPENINGS WITHOUT APPROVAL.

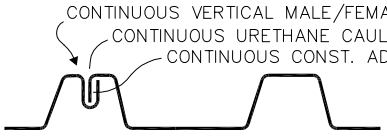


DROPPED PANELS FOR VENTILATION:

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 NO VENT OPENINGS). 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.

LAG SCREW FASTENING REQUIREMENTS:

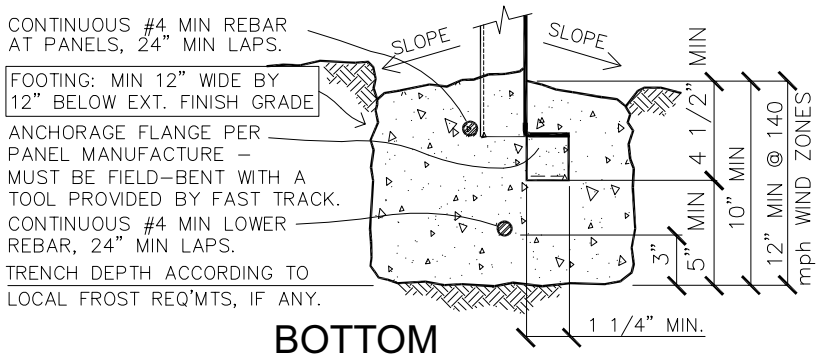
2 LAG SCREWS PER FOOT OF PANEL (EXCEPT AT VENTS), TYPICAL.
LOCATIONS WITH DESIGN SNOW LOADS GREATER THAN 30 psf UP TO 120 psf REQUIRE 3 LAG SCREWS PER FOOT PF PANEL.



URETHANE CAULK IS REQUIRED AT SEAMS.

PLAN/SECTION DETAIL @ SEAM

SEAMS AT 3' O/C ABOUT THE PERIMETER TYPICAL



MANUFACTURED HOME/MOBILE HOME FOUNDATION SYSTEM
HEALTH AND SAFETY CODE, SECTION 18551
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DIVISION OF CODES AND STANDARDS
BY _____ DATE 2/2024
(signature)
SPA NO. 92-2
This Plan Approval Expires 9/4/25

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 CALIF LICENSED ENGINEER.
3. FINISH GRADES SHALL SLOPE PER CRC REQS 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 SHEET 2 OF 2 OF THIS SPA.
5. LOW PROFILE SETS SHALL BE MADE IN CONSIDERATION OF SITE MOISTURE, AND ONLY WHERE SUCH CONDITIONS ALLOW A SUITABLY DRY CRAWL–SPACE. FOLLOW CA STATE DRAINAGE DESIGN WHERE REQUIRED.

INSTALLATION NOTES

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. CONCRETE SHALL BE PLACED BY PUMP, AND PANELS SHALL BE CHECKED FOR PLUMB (+/– 2%) BEFORE CONCRETE HAS SET. EXTERIOR CONCRETE SHALL SLOPE AWAY FROM PANELS.
4. FOUNDATION PANELS MAY BE CLAD WITH CEMENTITIOUS PANELS FOR PROTECTION FROM SOIL BACKFILL, PROVIDING CEMENTITOUS PANELS EXTEND TO AND SEAL AT FOOTING TO PREVENT INFESTATION IN AREAS OF HIGH TERMITE RISK, AND THEY ARE SUITABLE FOR SUB–GRADE ENVIRONMENTS.
5. FOR ALL PANELS THAT ARE NOT CLAD PER NOTE 4, ENTIRE PANEL EXTERIOR SURFACES SHALL RECEIVE A THOROUGH COATING OF AN EMULSIFIED TAR BASED BARRIER COMPOUND ("TAR"), PRIOR TO ANY BACKFILLING OPERATION OR CONTACT WITH SOIL. INTERIOR SURFACES NEED TAR TREATMENT IF THEY WILL COME IN CONTACT WITH SOIL OR SALT–LADEN AIR. A CEMENT–COAT OF 33% MIN PORTLAND CEMENT MAY SUBSTITUTE FOR "TAR", PROVIDING ADHESION TO PANELS IS ASSURED BY PREPARATION AND POLYMER ADDITION.
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.
8. MULTI–WIDE HOMES CAN HAVE UP TO 7' HIGH PANELS, IF ADJACENT INT PADS ARE OF SITE–CAST CONCRETE AND ARE DOWELED INTO THE PERIMETER FOOTING WITH 2–#4 BARS.
9. INSTALLATIONS WITH PROPANE GAS SHALL BE MADE ONLY IN COMPLIANCE WITH STATE REGULATIONS AND WHERE THERE IS SUFFICIENT VENTILATION TO AVOID GAS COLLECTION WITHIN THE CRAWLSPACE.

REGISTERED MECHANICAL ENGINEER
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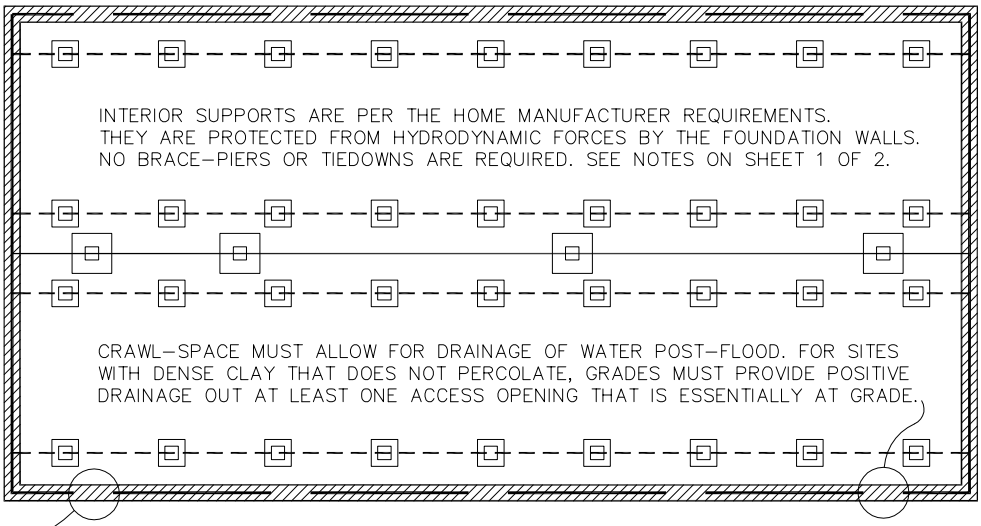
ANCHORPANEL ® FOUNDATION SYSTEM

PERMANENT PERIMETER FOUNDATION FOR MANUFACTURED HOMES

SHEET 2 OF 3

SHEET 3 NOT REQ'D OUTSIDE OF FLOOD ZONES



FOUNDATION SCHEMATIC PLAN

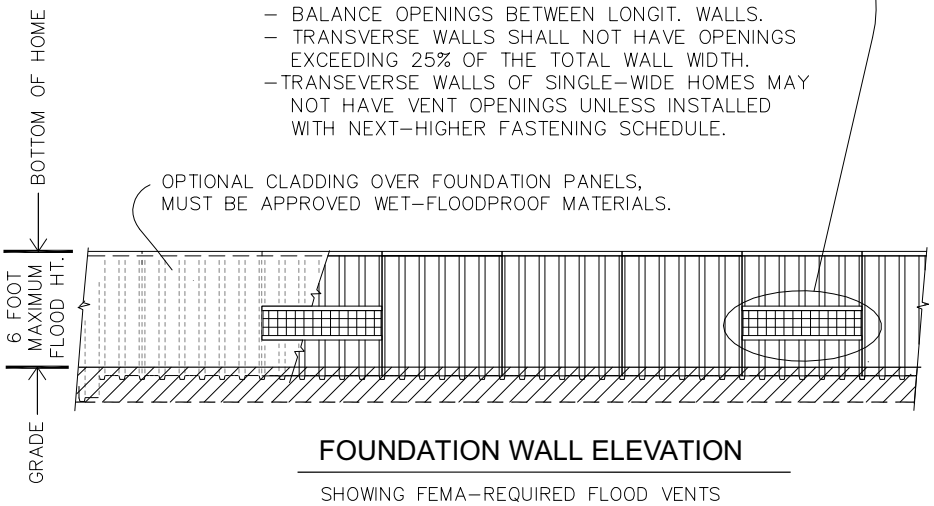
SEE SHEETS 1 AND 2 FOR SPECIFICS AND LIMITATIONS

ADJACENT GRADES SHALL FALL A MINIMUM OF 6" WITHIN 10', ALL DIRECTIONS FROM FOUNDATION.

FLOOD / VENT OPENINGS REQUIRED AT BOTH LONGITUDINAL WALLS, WITHIN 12" OF GRADE.

- PROVIDE AT LEAST 1 SQ. INCH OF VENT AREA FOR EACH SQ. FT OF CRAWL–SPACE AREA.
- IF NOT ALSO AIR VENTS, MUST AUTOMATICALLY OPEN TO ALLOW UNOBSTRUCED FLOW OF WATER.
- BALANCE OPENINGS BETWEEN LONGIT. WALLS.
- TRANSVERSE WALLS SHALL NOT HAVE OPENINGS EXCEEDING 25% OF THE TOTAL WALL WIDTH.
- TRANSEVERSE WALLS OF SINGLE–WIDE HOMES MAY NOT HAVE VENT OPENINGS UNLESS INSTALLED WITH NEXT–HIGHER FASTENING SCHEDULE.

OPTIONAL CLADDING OVER FOUNDATION PANELS, MUST BE APPROVED WET–FLOODPROOF MATERIALS.



FOUNDATION WALL ELEVATION

SHOWING FEMA–REQUIRED FLOOD VENTS

MANUFACTURED HOME/MOBILE HOME
FOUNDATION SYSTEM
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FLOOD DESIGN NOTES

ALSO SEE NOTES ON SHEETS 1 AND 2.

THIS DISASTER MITIGATING FOUNDATION DESIGN MEETS FEMA–NFIP FLOOD MITIGATION DESIGN REQUIREMENTS AND 2016 CRC REQUIREMENTS.

THE HOME MUST BE SET ENTIRELY ABOVE THE DESIGN FLOOD ELEVATION, AS THE HOME IS NOT BUILT OF FLOOD–PROOF MATERIALS.

THIS DESIGN IS GOOD FOR ALL TYPE A FLOOD ZONES WHERE THE FLOOD VELOCITY IS UP TO 5 FT PER SEC.

FOOTING DEPTHS MAY BE DETERMINED BY LOCAL BUILDING OFFICIAL REQUIREMENTS WITH REGARD TO FLOOD VELOCITY AND SOIL TYPE. MINIMUMS OF SHEET 1 MAY NOT APPLY.

FLOOD MITIGATION DESIGN REQUIREMENTS

THIS SHEET IS ONLY FOR THE REQUIREMENTS PARTICULAR TO FLOOD MITIGATION
SEE SHEET 1 OF 2 FOR OVERALL FOUNDATION INSTALLATION REQUIREMENTS

ANCHORPANEL ® FOUNDATION SYSTEM

PERMANENT PERIMETER FOUNDATION SHEET 3 OF 3
FOR MANUFACTURED HOMES SHEET 3 NOT REQ'D OUTSIDE OF FLOOD ZONES