



# Santa Barbara County Flood Control & Water Conservation District and Water Agency

Naomi Schwartz Building, 130 E. Victoria Street, Santa Barbara, California 93101  
(805) 568-3440 FAX: (805) 568-3434  
Web: <http://www.countyofsb.org/pwd/water>

## Ordinance 3898 Compliance Certification - Manufactured Homes

APN: \_\_\_\_\_ Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_

Site Address: \_\_\_\_\_

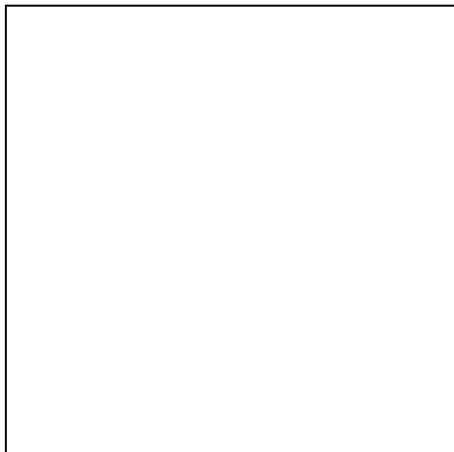
### FIRM DATA:

Map and Panel Number: \_\_\_\_\_ Suffix: \_\_\_\_\_

FIRM Index Date: \_\_\_\_\_ FIRM Panel Effective/Revised Date: \_\_\_\_\_

FIRM Zone: \_\_\_\_\_ Base Flood Elevation: \_\_\_\_\_ Datum: \_\_\_\_\_

I, the undersigned California Registered Civil engineer, or Architect, hereby certify that the structure referenced above, complies with sections 15A-16, 15A-17 and 15A-19 of the Santa Barbara County Floodplain Management Ordinance 3898.



AFFIX STAMP HERE

\_\_\_\_\_  
SIGNATURE OF CIVIL ENGINEER or ARCHITECT

\_\_\_\_\_  
TYPED NAME WITH REG. NO.

\_\_\_\_\_  
FIRM OR COMPANY NAME

\_\_\_\_\_  
ADDRESS OF FIRM

SUBMIT COMPLETED FORM TO: SANTA BARBARA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PRIOR TO OCCUPANCY CLEARANCE REQUEST.

**Sec. 15A-16. - Standards of construction.**

In all areas of special flood hazards the following standards are required:

- (a) Anchoring.
  - (1) All new construction, substantial improvements, and other proposed new development shall be adequately anchored to prevent flotation, collapse or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.
  - (2) All manufactured homes shall meet the anchoring standards of section 15A-19.
- (b) Construction Materials and Methods.
  - (1) All new construction, substantial improvement and other proposed new development shall be constructed with materials and utility equipment resistant to flood damage.
  - (2) All new construction, substantial improvement and other proposed new development shall be constructed using methods and practices that minimize flood damage.
  - (3) All new construction, substantial improvement and other proposed new development shall be constructed with electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.
  - (4) Within zones AH or AO, the floodplain administrator shall require that adequate drainage paths around structures on slopes to guide flood waters around and away from proposed structures.
- (c) Elevation and Floodproofing.
  - (1) New construction, substantial improvement and other proposed new development shall have the lowest floor, including basement, elevated two feet above the base flood elevation (BFE), unless such minimum elevation is lowered by the floodplain administrator at his discretion (but not below the BFE). Nonresidential structures may meet the standards in subsection (c)(3) of this section. Prior to erection of wall framing, the elevation of the lowest floor including basement shall be certified by a registered professional engineer or surveyor, or verified by the floodplain administrator to be properly elevated.
  - (2) New construction, substantial improvement, and other proposed new development in Zone AO shall have the lowest floor, including basement, elevated two feet above the highest adjacent grade, at least two feet higher than the depth number specified, in feet, on the FIRM, or at least two feet above adjacent grade if no depth number is specified unless such minimum elevation is lowered by the floodplain administrator at his discretion (but not below the BFE). Nonresidential structures may meet the standards in subsection (c)(3). Prior to erection of wall framing, the elevation of the lowest floor including basement shall be certified by a registered professional engineer or surveyor, or verified by the floodplain administrator to be properly elevated.
  - (3) Nonresidential construction shall either be elevated to conform with subsections (c)(1) or (2), or together with attendant utility and sanitary facilities:
    - (A) Be floodproofed two feet above the base flood elevation (BFE) so that the structure is watertight with walls substantially impermeable to the passage of water; and
    - (B) Have structural components capable of resisting hydrostatic and hydrodynamic loads and effects of buoyancy; and
    - (C) Be certified by a registered professional engineer or architect that the standards of this subsection are satisfied. Such certifications shall be provided to the floodplain administrator.
  - (4) The floodplain administrator shall require, for all new construction, substantial improvement and other proposed new development, that fully enclosed areas below the lowest floor that are usable solely for parking of vehicles, building access or storage in an area other than a basement and which are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwater. Designs for meeting this requirement must either be certified by a registered professional engineer or architect or meet or exceed the following minimum criteria:
    - (A) Either a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided; the bottom of all such openings shall be no higher than one foot above grade (openings may be equipped with screens, louvers, valves or other coverings or devices provided that they permit the automatic entry and exit of floodwater); or
    - (B) Be certified to comply with a local floodproofing standard approved by the Federal Insurance Administration, Federal Emergency Management Agency.
  - (5) Manufactured homes shall also meet the standards in section 15A-19.

*(Ord. No. 3898, § 1; Ord. No. 4536, § 3)*

**Sec. 15A-17. - Standards for utilities.**

- (a) All new and replacement water supply and sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the system and discharge from systems into flood waters.
  - (b) On-site waste disposal systems shall be located to avoid impairment to them or contamination from them during flooding.
  - (c) Other utilities are addressed at sections 15A-16(b) and 15A-18(d).
- (Ord. No. 3898, § 1)*

**Sec. 15A-19. - Standards for manufactured homes.**

- (a) All manufactured homes that are placed or substantially improved within a special flood hazard area on the community's Flood Insurance Rate Map (1) outside of a manufactured home park or subdivision, (2) in a new manufactured home park or subdivision, (3) in an expansion to an existing manufactured home park or subdivision, or (4) in an existing manufactured home park or subdivision shall:
  - (1) Within Zones AE, AH and AO, be elevated on a permanent foundation such that the lowest floor of the manufactured home is elevated two feet above the base flood elevation, unless such minimum elevation is lowered by the floodplain administrator at his discretion (but not below the base flood elevation), and be securely fastened to an adequately anchored foundation system to resist flotation, collapse and lateral movement;
  - (2) Within Zone A, be elevated on a permanent foundation and securely fastened to an adequately anchored foundation system to resist flotation, collapse and lateral movement.
- (b) All manufactured homes to be placed or substantially improved on sites in an existing manufactured home park or subdivision within Zones V and VE that meet the Coastal High Hazard Standards in section 15A-22 on the community's Flood Insurance Rate Map and are not subject to the provisions of subsection (a) of this section shall be elevated on adequately anchored pilings or columns and securely fastened to such pilings or columns to resist flotation, collapse and lateral movement and so that the lowest horizontal portion of the structural members of the lowest floor (excluding the pilings or columns) is elevated two feet above the base flood elevation.

*(Ord. No. 3898, § 1; Ord. 4698, § 3)*