Brady, Shelley A

To: Nagle, Bob R
Cc: resorinteriors@cox.net
Subject: Flood elevation Certification 1973 St. Vincent Drive

Expires: Thursday, May 04, 2006 12:00 AM

Building Inspector:

DPW has received a completed elevation certificate for the location of 1973 St. Vincent Drive. The ownership is "Wade". The Department of Public Works has no further objection to issuing occupancy for the building constructed on the address listed above.

If you have any questions or need further information, please contact the Land Development Counter, at (858) 694-3280.

Note: DPW has not yet developed a standard letter at so I am replying by email to complete the sign-off for DPW for the elevation certificate so that the inspection scheduled for tomorrow can proceed.

Thank you,

Shelley Brady

Oct. 5, 2005

1014
Steve Terra Wade
760-767-~~574~~ 4078

APN 141-273-03-00
Lot 11 ST VINCENT DR.
DPLU Building Plan Check Number 1001 20051710

THE PROPOSED 2,232 SQ FT HOUSE WITH CONTINUOUS CONCRETE FOOTING IS LOCATED ON THE **BORREGO PALM CANYON** FAN, D = 2' WITH VELOCITY OF V = 6.5 FPS. FLOW IS GENERALLY FROM WEST TO EAST.

COMMENTS:

1) BORREGO VALLEY FLOOD MANAGEMENT PLAN REQUIRES FLOOD PROTECTION TO INCLUDE FINISHED FLOOR ELEVATIONS TO BE AT OR ABOVE "D" AND PROTECTION FROM EROSION TO A DEPTH OF "D". IN THIS AREA "D" IS 2' PLANS SHOW THE FOOTING METHOD TO BE THE TYPE OF PROTECTION TO BE UTILIZED. FOOTING DETAILS SHALL SHOW A MINIMUM FOUNDATION DEPTH OF 2' INTO EXISTING GRADE AND FINISHED FLOOR ELEVATIONS TO BE A MINIMUM OF 2' ABOVE HIGHEST ADJACENT GRADE. FOUNDATION DETAILS SHALL INDICATE THE REQUIREMENTS LISTED ABOVE.

2) THE BORREGO VALLEY FLOOD MANAGEMENT PLAN SECTION II NONSTRUCTURAL METHODS REQUIRES PROJECT DENSITIES/FLOOD FLOW REQUIREMENTS AS FOLLOWS:

LIGHT DENSITY TYPICAL SINGLE FAMILY HOUSES WHICH BLOCK LESS THAN 50 PERCENT OF FLOW WIDTH AND COVER LESS THAN 25 PERCENT OF THE GROUND AREA, ON LOTS THAT ARE 10,000 SQUARE FEET OR LARGER.

THE PROJECT SITE MEASURES APPROXIMATELY 49,658 SQUARE FEET). THE PROPOSED DWELLING AND GARAGE COVER APPROXIMATELY 2,300 SQUARE FEET THAT PROVIDES A COVERAGE PERCENTAGE OF 4.6%. **THEREFORE OK.**

3) THE BLOCKAGE IS LESS THAN 50% THEREFORE **OK**.

4) PLAN SHALL SHOW A DETAIL OF FOOTING ELEVATION WITH A MINIMUM DEPTH OF 2' BLOW THE **EXISINTING** ADJACENT GRADE AND FINISHED FLOOR AT 2' MIN. DEPTH ABOVE THE **HIGHEST ADJACENT EXISTING** GRADE.

ORIGINAL

FEDERAL EMERGENCY MANAGEMENT AGENCY

NATIONAL FLOOD INSURANCE PROGRAM

ELEVATION CERTIFICATE

AND

INSTRUCTIONS

NATIONAL FLOOD INSURANCE PROGRAM
ELEVATION CERTIFICATE

PAPERWORK REDUCTION ACT NOTICE

Public reporting burden for the Elevation Certificate is estimated to average 2.25 hours per response. Burden means the time, effort, or financial resources expended by persons to generate, maintain, retain, disclose, or provide information to the Federal Emergency Management Agency (FEMA). You are not required to respond to the collection of information unless a valid OMB control number is displayed in the upper right corner of each form. You may send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, Paperwork Reduction Project (3067-0077). Do not send completed form(s) to the above address. To obtain or retain benefits under the National Flood Insurance Program (NFIP), you must respond to this collection of information.

PURPOSE OF THE ELEVATION CERTIFICATE

The Elevation Certificate is an important administrative tool of the National Flood Insurance Program (NFIP). It is to be used to provide elevation information necessary to ensure compliance with community floodplain management ordinances, to determine the proper insurance premium rate, and to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR-F).

The Elevation Certificate is required in order to properly rate post-FIRM buildings, which are buildings constructed after publication of the Flood Insurance Rate Map (FIRM), for flood insurance Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO. The Elevation Certificate is not required for pre-FIRM buildings unless the building is being rated under the optional post-FIRM flood insurance rules.

As part of the agreement for making flood insurance available in a community, the NFIP requires the community to adopt a floodplain management ordinance that specifies minimum requirements for reducing flood losses. One such requirement is that the community obtain the elevation of the lowest floor (including basement) of all new and substantially improved buildings, and maintain a record of such information. The Elevation Certificate provides a way for a community to comply with this requirement.

Use of this certificate does not provide a waiver of the flood insurance purchase requirement. Only a LOMA or LOMR-F from the Federal Emergency Management Agency (FEMA) can amend the FIRM and remove the Federal mandate for a lending institution to require the purchase of flood insurance. However, the lending institution has the option of requiring flood insurance even if a LOMA/LOMR-F has been issued by FEMA. The Elevation Certificate may be used to support a LOMA or LOMR-F request. Lowest floor and lowest adjacent grade elevations certified by a surveyor or engineer will be required if the certificate is used to support a LOMA or LOMR-F request.

This certificate is used only to certify building elevations. A separate certificate is required for floodproofing. Under the NFIP, non-residential buildings can be floodproofed up to or above the Base Flood Elevation (BFE). A floodproofed building is a building that has been designed and constructed to be watertight (substantially impermeable to floodwaters) below the BFE. Floodproofing of residential buildings is not permitted under the NFIP unless FEMA has granted the community an exception for residential floodproofed basements. The community must adopt standards for design and construction of floodproofed basements before FEMA will grant a basement exception. For both floodproofed non-residential buildings and residential floodproofed basements in communities that have been granted an exception by FEMA, a floodproofing certificate is required.

INSTRUCTIONS FOR COMPLETING THE ELEVATION CERTIFICATE

The Elevation Certificate is to be completed by a land surveyor, engineer, or architect who is authorized by law to certify elevation information when elevation information is required for Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, or AR/AO. Community officials who are authorized by law or ordinance to provide floodplain management information may also complete this form. For Zones AO and A (without BFE), a community official, a property owner, or an owner's representative may provide information on this certificate, unless the elevations are intended for use in supporting a LOMA or LOMR-F. Certified elevations must be included if the purpose of completing the Elevation Certificate is to obtain a LOMA or LOMR-F.

In Puerto Rico only, elevations for building information and flood hazard information may be entered in meters.

SECTION A - PROPERTY OWNER INFORMATION

This section identifies the building, its location, and its owner. Enter the name(s) of the building owner(s), the building's complete street address, and the lot and block number. If the building's address is different from the owner's address, enter the address of the building being certified. If the address is a rural route or a Post Office box number, enter the lot and block numbers, the tax parcel number, the legal description, or an abbreviated location description based on distance and direction from a fixed point of reference. For the purposes of this certificate, "building" means both a building and a manufactured (mobile) home.

A map may be attached to this certificate to show the location of the building on the property. A tax map, FIRM, or detailed community map is appropriate. If no map is available, provide a sketch of the property location, and the location of the building on the property. Include appropriate landmarks such as nearby roads, intersections, and bodies of water. For building use, indicate whether the building is residential, non-residential, an addition to an existing residential or non-residential building, an accessory building (e.g., garage), or other type of structure. Use the Comments area of Section F if needed.

If latitude and longitude data are available, enter them in degrees, minutes, and seconds, or in decimal degrees, taken at the center of the front of the building. Enter arc seconds to two decimal places. Indicate the horizontal datum and the source of the measurement data (for example, taken with GPS, scaled from a USGS Quad Map, etc.).

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Complete the Elevation Certificate on the basis of the FIRM in effect at the time of the certification.

The information for Section B is obtained by reviewing the FIRM panel that includes the building's location. Information about the current FIRM and a pamphlet titled "Guide to Flood Maps" are available from the Federal Emergency Management Agency (FEMA) website at http://www.fema.gov or by calling 1-800-427-4661. If a Letter of Map Amendment (LOMA) or Letter of Map Revision (LOMR-F) has been issued by FEMA, please provide the letter date and case number in the Comments area of Section D or Section G, as appropriate.

Item B1. NFIP Community Name & Community Number. Enter the complete name of the community in which the building is located and the associated 6-digit community number. For a building that is in an area that has been annexed by one community but is shown on another community's FIRM, enter the community name and 6-digit number of the annexing community. For a newly incorporated community, use the name and 6-digit number of the new community. Under the NFIP, a "community" is any State or area or political subdivision thereof, or any Indian tribe or authorized native organization, that has authority to adopt and enforce floodplain management regulations for the areas within its jurisdiction. To determine the current community number, see the NFIP *Community Status Book*, available on FEMA's website at http://www.fema.gov or by calling 1-800-427-4661.

Item B2. County Name. Enter the name of the county or counties in which the community is located. For an unincorporated area of a county, enter "unincorporated area." For an independent city, enter "independent city."

Item B3. State. Enter the 2-letter state abbreviation (for example, VA, TX, CA).

Item B4. Map and Panel Number. Enter the 10-digit number shown on the FIRM panel where the building or manufactured (mobile) home is located. The first six digits will not match the NFIP community number: 1) when the sixth digit is a "C," in which case the FIRM panel is in a countywide format; or 2) when one community has annexed land from another community but the FIRM panel has not been updated to reflect this annexation. If the sixth digit is a "C," it is followed by a four-digit map number. For maps not in countywide format, enter the "community panel number" shown on the FIRM.

Item B5. Suffix. Enter the suffix letter shown on the FIRM panel that includes the building's location.

Item B6. FIRM Index Date. Enter the effective date or map revised date shown on the FIRM Index.

Item B7. FIRM Panel Effective/Revised Date. Enter the map effective date or the map revised date shown on the FIRM panel. This will be the latest of all dates shown on the map. The current FIRM panel effective date can be determined by calling 1-800-427-4661.

Item B8. Flood Zone(s). Enter the flood zone, or flood zones, in which the building is located. All flood zones containing the letter "A" or "V" are considered Special Flood Hazard Areas. The flood zones are A, AE, A1-A30, V, VE, V1-V30, AH, AO, AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO. Each flood zone is defined in the legend of the FIRM panel on which it appears.

Item B9. Base Flood Elevation(s). Using the appropriate Flood Insurance Study (FIS) Profile, Flood Elevation Table, or FIRM panel, locate the property and enter the BFE (or base flood depth) of the building site. If the building is located in more than one flood zone in Item B8., list all appropriate BFEs in Item B9. BFEs are shown on a FIRM or FIS Profile for Zones A1-A30, AE, AH, V1-V30, VE, AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO; flood depth numbers are shown for Zone AO. Use the AR BFE if the building is located in any of Zones AR/A, AR/AE, AR/A1-A30, AR/AH, or AR/AO. In A or V zones where BFEs are not provided on the FIRM, the community may have established BFEs or obtained BFE data from other sources. For subdivisions and other developments of more than 50 lots or 5 acres, establishment of BFEs is required by the community's floodplain management ordinance. If the BFE is obtained from another source, enter the BFE in Item B9.

Item B10. Indicate the source of the BFE that you entered in Item B9.

Item B11. Indicate the elevation datum to which the elevations on the applicable FIRM are referenced.

Item B12. Indicate whether the building is located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA). Federal flood insurance is prohibited in designated CBRS areas for buildings or manufactured (mobile) homes built or substantially improved after the date of the CBRS designation. An information sheet explaining CBRS areas may be obtained on FEMA's website at http://www.fema.gov or by calling 1-800-427-4661.

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

Complete Section C if the building is located in any of Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, or AR/AO, or if this certificate is being used to support a LOMA or LOMR-F. If the building is located in Zone AO or Zone A (without BFE), complete Section E instead.

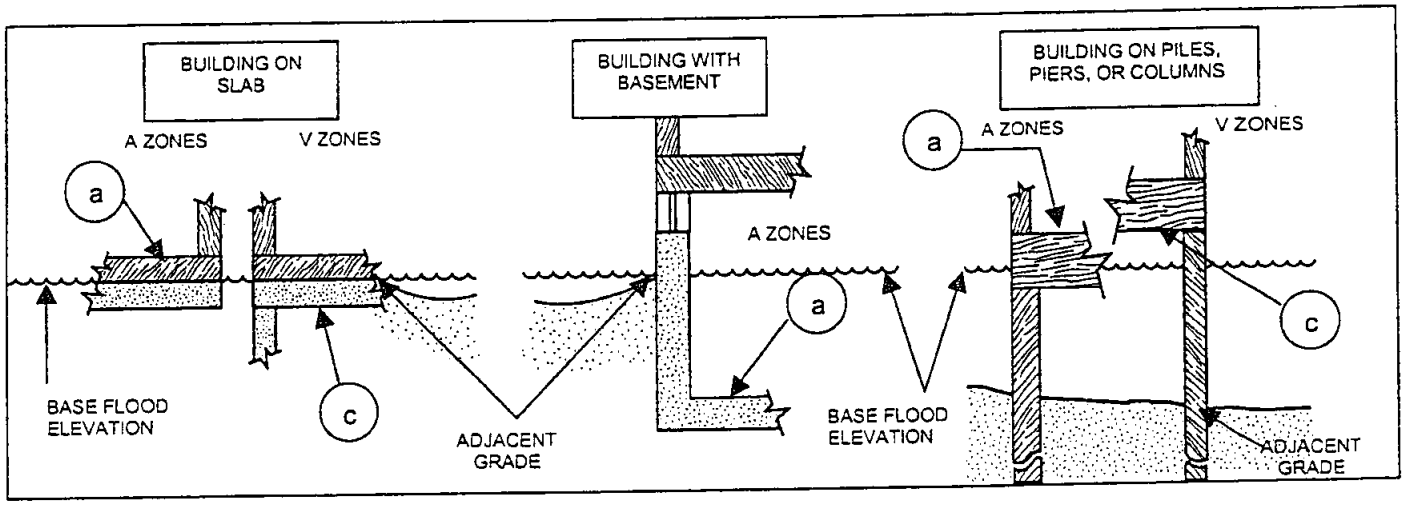
Item C1. Indicate whether the elevations to be entered in this section are based on construction drawings, a building under construction, or finished construction. For either of the first two choices, a post-construction Elevation Certificate will be required when construction is complete. Select "finished construction" only when all machinery and/or equipment such as furnaces, hot water heaters, heat pumps, air conditioners, and elevators and their associated equipment have been installed and the grading around the building is completed.

Item C2. Select the diagram on pages 6 and 7 that best represents the building. Then enter the diagram number and use the diagram to identify and determine the appropriate elevations requested in Items C3.a-g. If you are unsure of the correct diagram, select the diagram that most closely resembles the building being certified, or provide a sketch or photograph of the building and enter all elevations in Items C3.a-g.

Item C3. Indicate whether the elevation reference mark (benchmark) used during the field survey is an elevation mark on the FIRM. If it is not, indicate the source and datum for the elevation. Vertical control benchmarks other than those shown on the

FIRM are acceptable for elevation determinations. Show the conversion from the field survey datum used to the datum used for the BFE(s) entered in Item B9. All elevations for the certificate must be referenced to the datum on which the BFE is based. Show the datum conversion, if applicable, in this section or in the Comments area of Section D. For property experiencing ground subsidence, the most recently adjusted reference mark elevations must be used for determining building elevations. However, when subsidence is involved, the BFE should not be adjusted. Enter elevations in Items C3.a-g to the nearest tenth of a foot (nearest tenth of a meter, in Puerto Rico).

Items C3.a-d. Enter the building elevations (excluding the attached garage) indicated by the selected building diagram (Item C2.) in Items C3.a-c. If there is an attached garage, enter the elevation for top of attached garage slab in Item C3.d. (Because elevation for top of attached garage slab is self-explanatory, attached garages are not illustrated in the diagrams.) If the building is located in a V zone on the FIRM, complete Item C3.c. If the flood zone cannot be determined, enter elevations for all of Items C3.a-g. For buildings in A zones, elevations a, b, d, and e should be measured at the top of the floor. For buildings in V zones, elevation c must be measured at the bottom of the lowest horizontal structural member of the floor (see drawing below). *If any item does not apply to the building, enter "N/A" for not applicable.*



Item C3.e. Enter the lowest elevation of machinery and/or equipment such as furnaces, hot water heaters, heat pumps, air conditioners, and elevators and their associated equipment in an attached garage or enclosure or on an open utility platform that provides utility services for the building. If the machinery and/or equipment is mounted to a wall, pile, etc., enter the platform elevation of the machinery and/or equipment. Indicate machinery/equipment type in the Comments area of Section G or Section D, as appropriate. *If this item does not apply to the building, enter "N/A" for not applicable.*

Items C3.f-g. Adjacent grade is defined as the elevation of the ground, sidewalk, patio slab, or deck support immediately next to the building. For Zone AO, use the natural grade elevation, if available. This measurement must be to the nearest tenth of a foot (nearest tenth of a meter, in Puerto Rico) if this certificate is being used to support a request for a LOMA or LOMR-F.

Items C3.h-i. Enter the number of permanent openings (flood vents) in the walls supporting the building that are no higher than 1.0 foot above the adjacent grade. Determine the total area of all such openings in square inches (square cm, in Puerto Rico), and enter the total in Item C3.i. If the building has no permanent openings (flood vents) within 1.0 foot above adjacent grade, enter "0" (zero) for each of Items C3.h and C3.i.

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

Complete as indicated. This section of the Elevation Certificate may be signed by only a land surveyor, engineer, or architect who is authorized by law to certify elevation information. Place embossed seal and signature in the box next to elevations in Section C. A flat stamp is acceptable only in states that do not authorize use of an embossed seal over the signature of a professional. You are certifying that the information in Sections A, B, and C on this certificate represents your best efforts to interpret the data available and that you understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. Use the Comments area of Section D, on the back of the certificate, to provide datum, elevation, or other relevant information not specified on the front.

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO & ZONE A (WITHOUT BFE)

Complete Section E if the building is located in Zone AO or Zone A (without BFE). Otherwise, complete Section C instead.

Item E1. Select the diagram on pages 6 and 7 that best represents the building; then enter the diagram number. If you are unsure of the correct diagram, select the diagram that most closely resembles the building, or provide a sketch or photograph.

Item E2. Enter the height in feet and inches (meters and centimeters, in Puerto Rico) of the top of the bottom floor (as indicated in the applicable diagram) above or below the highest adjacent grade (HAG). For post-FIRM buildings in Zone AO, the community's floodplain management ordinance requires that this value equal or exceed the base flood depth on the FIRM. Buildings in Zone A (without BFE) may qualify for a lower insurance rate if an engineered BFE is developed at the site.

Item E3. For Building Diagrams 6-8 with "proper openings" (see page 7), enter the height in feet and inches (meters and centimeters, in Puerto Rico) of the next higher floor or elevated floor (as indicated in the applicable diagram) above the highest adjacent grade (HAG). Be sure that you have completed Items C3.h and C3.i on the front of the form to show the number of permanent, proper openings (flood vents) within 1 foot above adjacent grade and the total area of the openings.

Item E4. For those communities where this base flood depth is not available, the community will need to determine whether the top of the bottom floor is elevated in accordance with the community's floodplain management ordinance.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

Complete as indicated. This section is provided for certification of measurements taken by a property owner or property owner's representative when responding to Sections A, B, C (Items C3.h and C3.i only), and E. The address entered in this section must be the actual mailing address of the property owner or property owner's representative who provided the information on the certificate.

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

Complete as indicated. The community official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. If the authorized community official completes Sections C, E, or G, complete the appropriate item(s) and sign this section.

Check **Item G1.** if Section C is completed with elevation data from other documentation, including elevations obtained from the Community Rating System Elevation Software, that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. Indicate the source of the elevation data and the date obtained in the Comments area of Section G. If you are both a community official and a licensed land surveyor, engineer, or architect authorized by law to certify elevation information, and you performed the actual survey for a building in Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/A1-A30, AR/AE, AR/AH, or AR/AO, you must also complete Section D.

Check **Item G2.** if information is entered in Section E by the community for a building in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

Check **Item G3.** if the information in Items G4.-G9. has been completed for community floodplain management purposes to document the as-built lowest floor elevation of the building. Section C of the Elevation Certificate records the elevation of various building components but does not determine the lowest floor of the building or whether the building, as constructed, complies with the community's floodplain management ordinance. This must be done by the community. Items G4.-G9. provide a way to document these determinations.

Item G4. Permit Number. Enter the permit number or other identifier to key the Elevation Certificate to the permit issued for the building.

Item G5. Date Permit Issued. Enter the date the permit was issued for the building.

Item G6. Date Certificate of Compliance Issued. Enter the date that the Certificate of Compliance or Occupancy or similar written official documentation of as-built lowest floor elevation was issued by the community as evidence that all work authorized by the floodplain development permit has been completed in accordance with the community's floodplain management laws or ordinances.

Item G7. New Construction or Substantial Improvement. Check the applicable box. "Substantial Improvement" means any reconstruction, rehabilitation, addition, or other improvement of a building, the cost of which equals or exceeds 50 percent of the market value of the building before the start of construction of the improvement. The term includes buildings that have incurred substantial damage, regardless of the actual repair work performed.

Item G8. As-built lowest floor elevation. Enter the elevation of the lowest floor (including basement) when the construction of the building is completed and a final inspection has been made to confirm that the building is built in accordance with the permit, the approved plans, and the community's floodplain management laws or ordinances. Indicate the elevation datum used.

Item G9. BFE. Using the appropriate FIRM panel, FIS, or other data source, locate the property and enter the BFE (or base flood depth) of the building site. Indicate the elevation datum used.

Enter your name, title, and telephone number, and the name of the community. Sign and enter the date in the appropriate blanks.

BUILDING DIAGRAMS

The following eight diagrams illustrate various types of buildings. Compare the features of the building being certified with the features shown in the diagrams and select the diagram most applicable. Enter the diagram number in Item C2. and the elevations in Items C3.a-C3.g.

In A zones, the floor elevation is taken at the top finished surface of the floor indicated; in V zones, the floor elevation is taken at the bottom of the lowest horizontal structural member (see drawing in instructions for Section C).

DIAGRAM 1

All slab-on-grade single- and multiple-floor buildings (other than split-level) and high-rise buildings, either detached or row type (e.g., townhouses); with or without attached garage.

Distinguishing Feature – The bottom floor is at or above ground level (grade) on at least one side. *

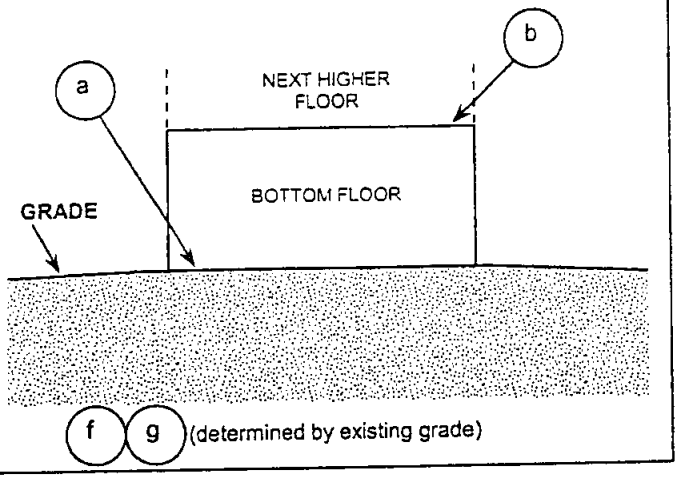


DIAGRAM 2

All single- and multiple-floor buildings with basement (other than split-level) and high-rise buildings with basement, either detached or row type (e.g., townhouses); with or without attached garage.

Distinguishing Feature – The bottom floor (basement or underground garage) is below ground level (grade) on all sides. Buildings constructed above crawl spaces that are below grade on all sides should also use this diagram.*

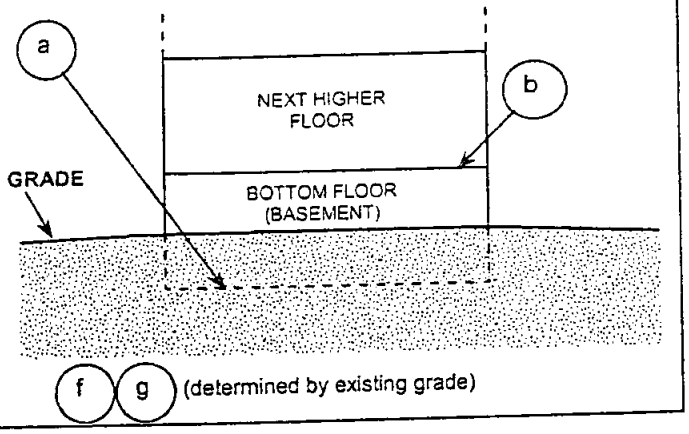


DIAGRAM 3

All split-level buildings that are slab-on-grade, either detached or row type (e.g., townhouses); with or without attached garage.

Distinguishing Feature – The bottom floor (excluding garage) is at or above ground level (grade) on at least one side .*

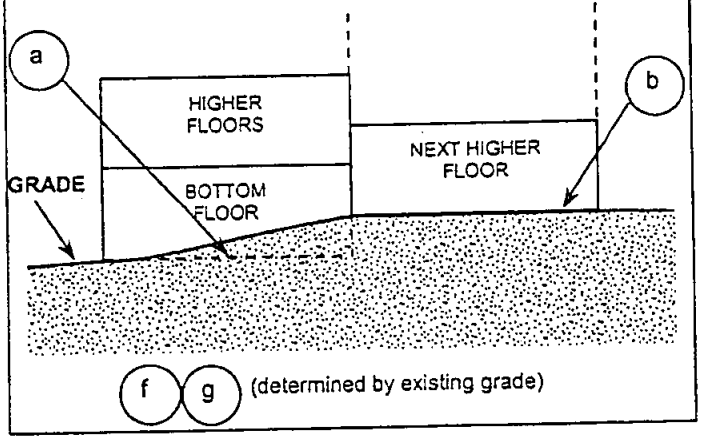
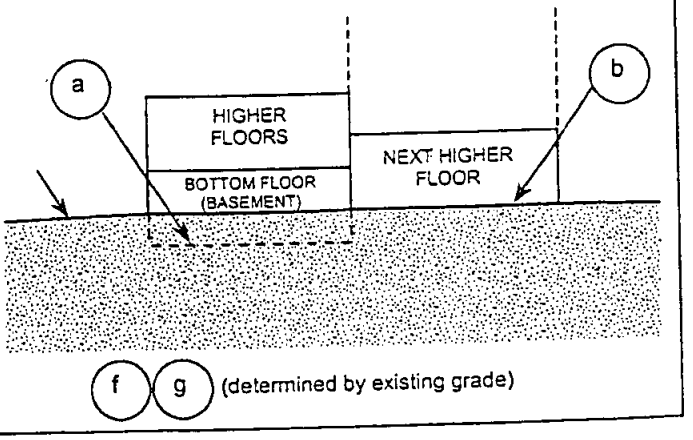


DIAGRAM 4

All split-level buildings (other than slab-on-grade), either detached or row type (e.g., townhouses); with or without attached garage.

Distinguishing Feature – The bottom floor (basement or underground garage) is below ground level (grade) on all sides. Buildings constructed above crawl spaces that are below grade on all sides should also use this diagram. *



* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.

DIAGRAM 5

All buildings elevated on piers, posts, piles, columns, or parallel shear walls. No obstructions below the elevated floor.

Distinguishing Feature – For all zones, the area below the elevated floor is open, with no obstruction to flow of flood waters (open lattice work and/or readily removable insect screening is permissible).

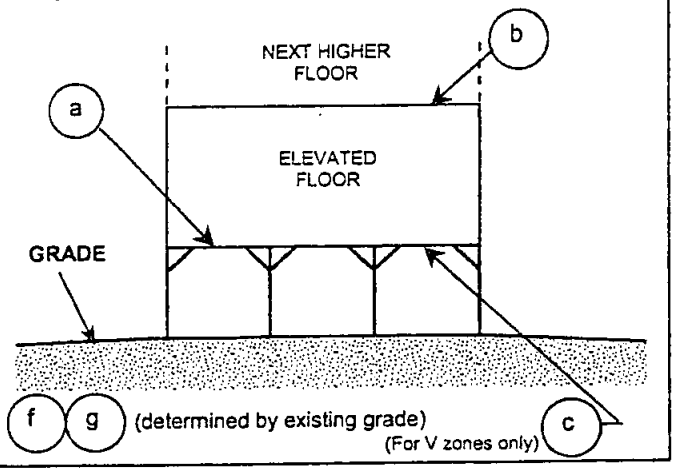


DIAGRAM 6

All buildings elevated on piers, posts, piles, columns, or parallel shear walls with full or partial enclosure below the elevated floor.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings** present in the walls of the enclosure. Indicate information about openings in Section C, Building Elevation Information (Survey Required).

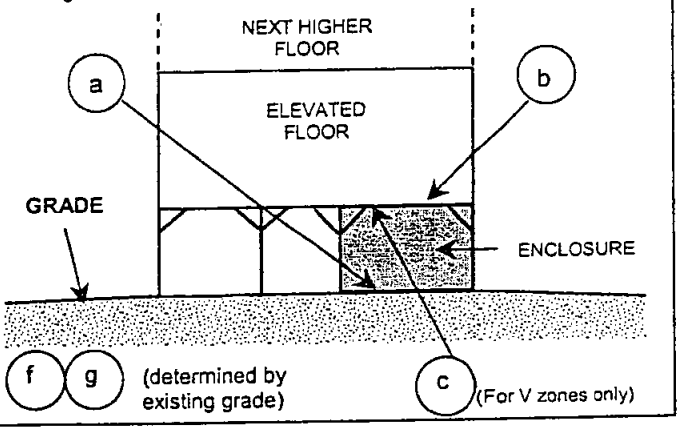


DIAGRAM 7

All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least one side is at or above grade. The principal use of this building is located in the elevated floors of the building.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings** present in the walls of the enclosure. Indicate information about openings in Section C, Building Elevation Information (Survey Required).

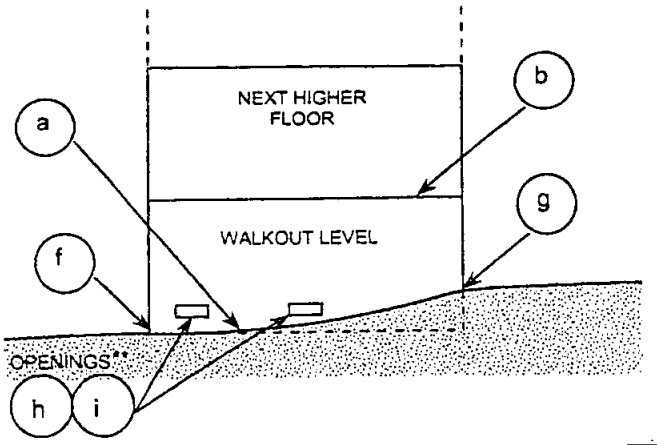
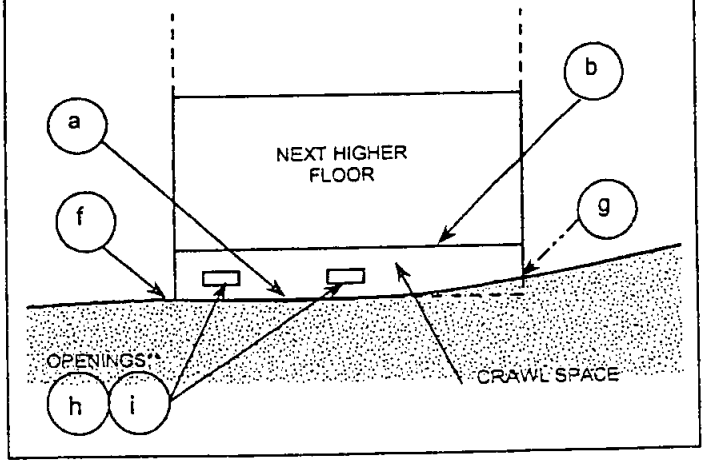


DIAGRAM 8

All buildings elevated on a crawl space with the floor of the crawl space at or above grade on at least one side, with or without an attached garage.

Distinguishing Feature – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawl space is with or without openings** present in the walls of the crawl space. Indicate information about the openings in Section C, Building Elevation Information (Survey Required).



** An "opening" (flood vent) is defined as a permanent opening in a wall that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of two openings is required for enclosures or crawl spaces with a total net area of not less than one square inch for every square foot of area enclosed. Each opening must be on different sides of the enclosed area. If a building has more than one enclosed area, each area must have openings on exterior walls to allow floodwater to directly enter. The bottom of the openings must be no higher than one foot above the grade underneath the flood vents. Alternatively, you may submit a certification by a registered professional engineer or architect that the design will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening.

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-8.

OMB No. 1660-0008
Expires February 28, 2009

DATE: 4.4.06

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name: STEVE & TERRA WADE — Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1973 ST. VINCENT DR. — Company NAIC Number:

City: BORREGO SPRINGS State: CA ZIP Code: 92004

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 11, MORGAN MANOR UNIT "A". APN: 141-272-03

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 33° Long. 116° Horizontal Datum: ☑ NAD 1927 ☑ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance. N/A

A7. Building Diagram Number REDMAN RS762B "SANTA FE"

A8. For a building with a crawl space or enclosure(s), provide
- a) Square footage of crawl space or enclosure(s) 2200 sq ft
- b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade 24
- c) Total net area of flood openings in A8.b 1344 sq in

A9. For a building with an attached garage, provide:
- a) Square footage of attached garage N/A sq ft
- b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade N/A
- c) Total net area of flood openings in A9.b N/A sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other (Describe) ____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) ____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐Yes ☐No
Designation Date____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☑ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-g below according to the building diagram specified in Item A7.

Benchmark Utilized ____ Vertical Datum ✓ S.D. COUNTY

Conversion/Comments ____

			Check the measurement used.	
a)	Top of bottom floor (including basement, crawl space, or enclosure floor)	618.33	☑ feet	☐ meters (Puerto Rico only)
b)	Top of the next higher floor	N/A	☐ feet	☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	617.75	☑ feet	☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	N/A	☐ feet	☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	N/A	☐ feet	☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade (LAG)	615.00	☑ feet	☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade (HAG)	615.00	☑ feet	☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

☑ Check here if comments are provided on back of form.

Certifier's Name: STUART M. RESOR License Number: (ARCHITECT) #6764 CA.

Title: ARCHITECT Company Name: RESOR ARCHITECT

Address: 1268 BLUE SKY DR. City: CARDIFF State: CA ZIP Code: 92007-1005

Signature: [signature] Date: 4.4.06 Telephone: 760-525-0076 c.

LICENSED ARCHITECT
STUART M. RESOR
NO. C 6764
05.31.07
REN.
STATE OF CALIFORNIA

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1073 ST. VINCENT DRIVE	Policy Number N/A
City State ZIP Code BORREGO SPRINGS, CA. 92004	Company NAIC Number N/A

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments SEE ATTACHED DETAIL "A" SHOWING WADE "AS BUILT" FOUNDATION WITH 2'+ FLOOD LEVEL SHOWN

Signature S. Reson Date 4.4.06 ☑ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) ~~Top~~ of bottom floor (including basement, crawl space, or enclosure) is 617.75 ☑ feet ☐ meters ☑ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawl space, or enclosure) is 618.33 ☑ feet ☐ meters ☑ above or ☐ below the LAG.

E2. For Building Diagrams ~~6~~-8 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is 618.33 ☑ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☑ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.* S. Reson

Property Owner's or Owner's Authorized Representative's Name STUART M. RESOR

Address 1268 BLUE SKY CR. City CARDIFF State CA ZIP Code 92007-1005

Signature S. Reson Date 4.4.06 Telephone 760-525-0016c

Comments SEE SECTION "D" ABOVE

☐ Check here if attachment

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8. and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4.-G9.) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
1014	10.3.05	4.4.06

G7. This permit has been issued for: ☑ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: 618.33 ☑ feet ☐ meters (PR) Datum ____

G9. BFE or (in Zone AO) depth of flooding at the building site: 2.0 ☑ feet ☐ meters (PR) Datum ____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments

Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			For Insurance Company Use: Policy Number
City	State	ZIP Code	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."

NFIP INSURANCE.. NOT REQUESTED.

N/A.

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			For Insurance Company Use: Policy Number
City	State	ZIP Code	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

NFIP INSURANCE... NOT REQUESTED.

N/A.

ELEVATION CERTIFICATION

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
Alluvial Fan Areas in Borrego (FIRM ZONE AO)

Participation in the National Flood Insurance Program is based on an agreement between local communities and the federal government which states that if a community will implement and enforce measures to reduce future flood risks to new construction in special flood hazard areas, the federal government will make flood insurance available within the community as a financial protection against flood losses which do occur.

SECTION A: PROPERTY INFORMATION

BUILDING OWNER'S NAME: STEVE TERRA WACE

STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER: 1973 ST. VINCENT DRIVE

OTHER DESCRIPTION:

CITY: BORREGO SPRINGS, STATE: CA. ZIP CODE: 92004

SECTION B: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE
060284				

I understand that prior to calling for foundation inspection, I shall have this form certified by a Licensed Land Surveyor, Registered Civil Engineer, or Architect, authorized by the State of California. This certification shall be posted with the "Inspection Record Card" on the job site at the time foundation inspection is made. It shall be picked up by the inspector at that time and delivered to the Department of Public Works, Land Development Division.

FOR COUNTY USE ONLY

Flood control approval stamp given for elevation difference of 2' or greater.

I certify that the building at the property location described above has the lowest floor at an elevation of 3.0 feet above the highest natural elevation of the ground surface prior to construction next to the proposed walls of the building.

PERMIT #: 00120051710 · DPW #: 4920 32853
DPW PERMIT NO.

STUART M. RESCH ARCHITECT · # 6764, CA
CERTIFIER'S NAME

ARCHITECT — RESCH ARCHITECT
TITLE — LICENSE NUMBER (OR AFFIX SEAL) — COMPANY NAME

1268 BLUE SKY DR. CARDIFF, CA. 92007-1005
ADDRESS — CITY — STATE — ZIP

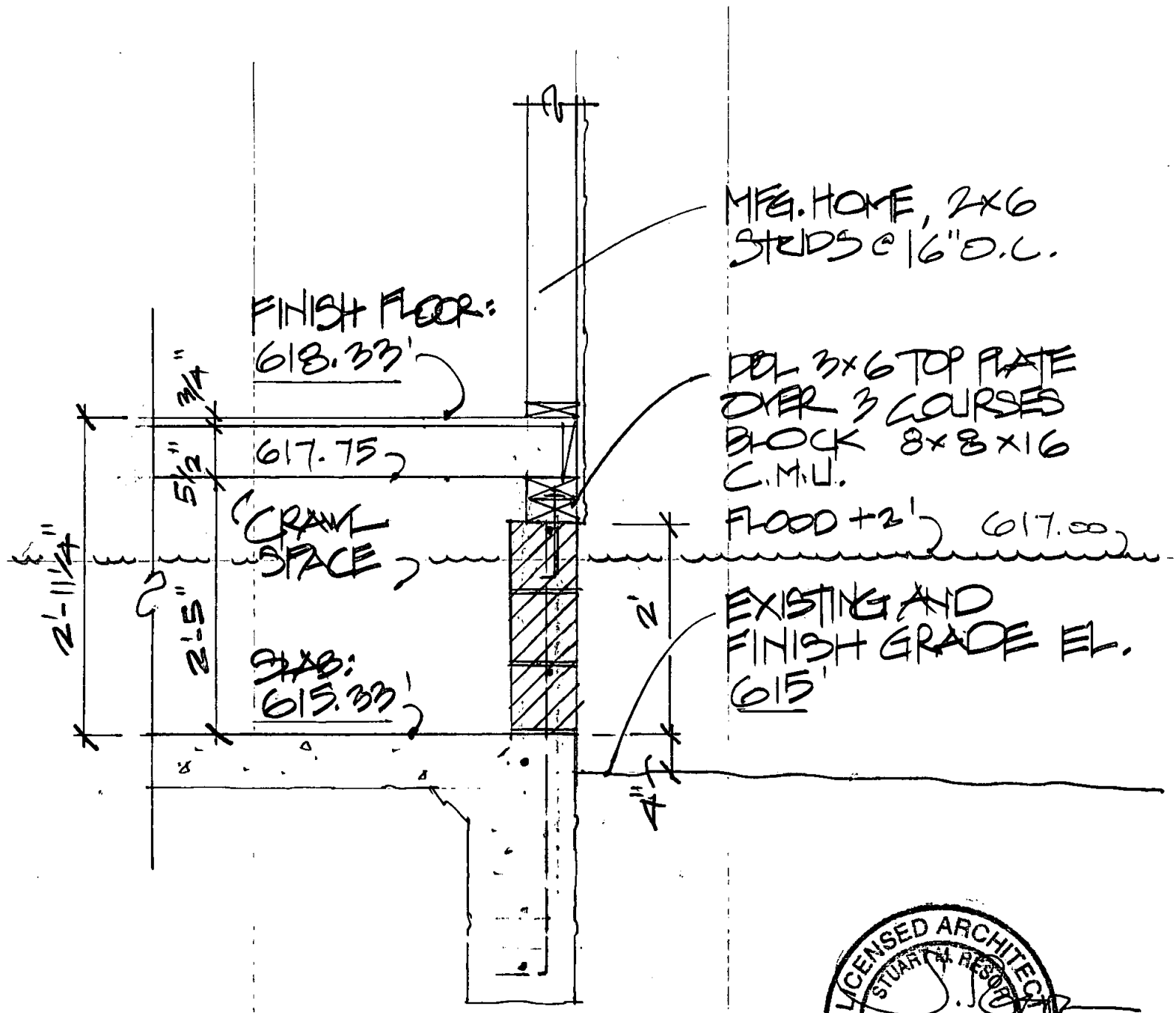
SIGNATURE — 3-16-06 DATE — 760-753-8022 PHONE

This form shall be given to the applicant at the time of request for flood control stamp on building plans in flood hazard areas. The information contained herein is required to comply with the National Flood Insurance Program. It shall be posted by the builder and after completion, picked up by the inspector and returned to the Department of Public Works, Land Development Division.

Inquiries regarding this form should be addressed to the Flood Control Counter at (619) 694-3267.

M:\WP\FORMS\ELEVATIO.PRJ\DME — Revised 9/19/94

LICENSED ARCHITECT
STUART M. RESCH
NO. C 6764
5-31-07
REN.
STATE OF CALIFORNIA



LICENSED ARCHITECT
STUART J. RESOR
NO. C 6764
5.31.07
REN.
STATE OF CALIFORNIA

AS BUILT

WADE RESIDENCE:

FOUNDATION SECTION

3/4" = 1'-0 · 4.2.06 · S. RESOR

APN: 141-272-03

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires July 31, 2002

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

BUILDING OWNER'S NAME: WADE

BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.: 1973 St. Vincent Drive

CITY: Borrego Springs, California STATE: 92004 ZIP CODE

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)

LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##.##" or ##.#####°) HORIZONTAL DATUM: |__| NAD 1927 |__| NAD 1983 SOURCE: |__| GPS (Type): |__| USGS Quad Map |__| Other:

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER	B2. COUNTY NAME	B3. STATE
San Diego 060284	San Diego	California

B4. MAP AND PANEL NUMBER	B5. SUFFIX	B6. FIRM INDEX DATE	B7. FIRM PANEL EFFECTIVE/REVISED DATE	B8. FLOOD ZONE(S)	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding)
06073C0650	"F"	6-19-97	June 19-1997	AO	

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
|__| FIS Profile |__| FIRM |__| Community Determined |__| Other (Describe):

B11. Indicate the elevation datum used for the BFE in B9: |__| NGVD 1929 |__| NAVD 1988 |__| Other (Describe):

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? |__| Yes |__| No
Designation Date:

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

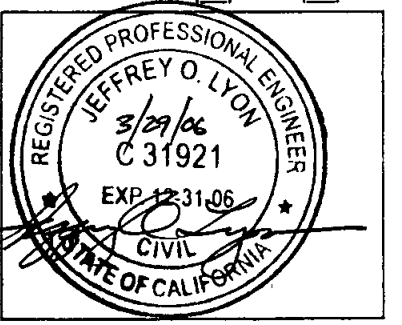
C1. Building elevations are based on: |__| Construction Drawings* |__| Building Under Construction* |X| Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number _____ (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO
Complete Items C3.a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.
Datum _____ Conversion/Comments _____
Elevation reference mark used _____ Does the elevation reference mark used appear on the FIRM? |__| Yes |__| No

- ☐ a) Top of bottom floor (including basement or enclosure) _____ . ___ ft.(m)
- ☐ b) Top of next higher floor _____ . ___ ft.(m)
- ☐ c) Bottom of lowest horizontal structural member (V zones only) _____ . ___ ft.(m)
- ☐ d) Attached garage (top of slab) _____ . ___ ft.(m)
- ☐ e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.) _____ . ___ ft.(m)
- ☐ f) Lowest adjacent (finished) grade (LAG) _____ . ___ ft.(m)
- ☐ g) Highest adjacent (finished) grade (HAG) 2.0 ft.(m)
- ☒ h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade _____
- ☐ i) Total area of all permanent openings (flood vents) in C3.h _____ sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date



SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.
I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.
I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME: Jeffrey O. Lyon LICENSE NUMBER: RCE 31,921
TITLE: Principal Engineer COMPANY NAME: Land Mark Consultants
ADDRESS: 780 N. 9th Street CITY: El Centro STATE: California ZIP CODE: 92243
SIGNATURE: Jeffrey O. Lyon DATE: 3/29/06 TELEPHONE: (760) 370-3000

SECTION A: PROPERTY INFORMATION

BUILDING OWNER'S NAME: Wade

STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER: 1973 St. Vincent Drive

OTHER DESCRIPTION:

CITY: Borrego Springs, STATE: California ZIP CODE: 92004

SECTION B: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE
060284	0650	"F"	6.19.97	AO

I understand that prior to calling for foundation inspection, I shall have this form certified by a Licensed Land Surveyor, Registered Civil Engineer, or Architect, authorized by the State of California. This certification shall be posted with the "Inspection Record Card" on the job site at the time foundation inspection is made. It shall be picked up by the inspector at that time and delivered to the Department of Public Works, Land Development Division.

FOR COUNTY USE ONLY

Flood control approval stamp given for elevation difference of 2.0' or greater.
above highest adjacent natural grade on property

I certify that the building at the property location described above has the lowest floor at an elevation of 2.0' feet above the highest natural elevation of the ground surface prior to construction next to the proposed walls of the building.

REGISTERED PROFESSIONAL ENGINEER
JEFFREY O. LYON
C 31921
EXP. 12-31-06
CIVIL
STATE OF CALIFORNIA

DPW PERMIT NO.: DPLU LOG NO.:

CERTIFIER'S NAME: Jeffrey O Lyon LICENSE NUMBER (OR AFFIX SEAL): RCE 31,921

TITLE: Principal Engineer COMPANY NAME: Land Mark Consultants

ADDRESS: 780 N. 4th Street CITY: El Centro STATE: California ZIP: 92243

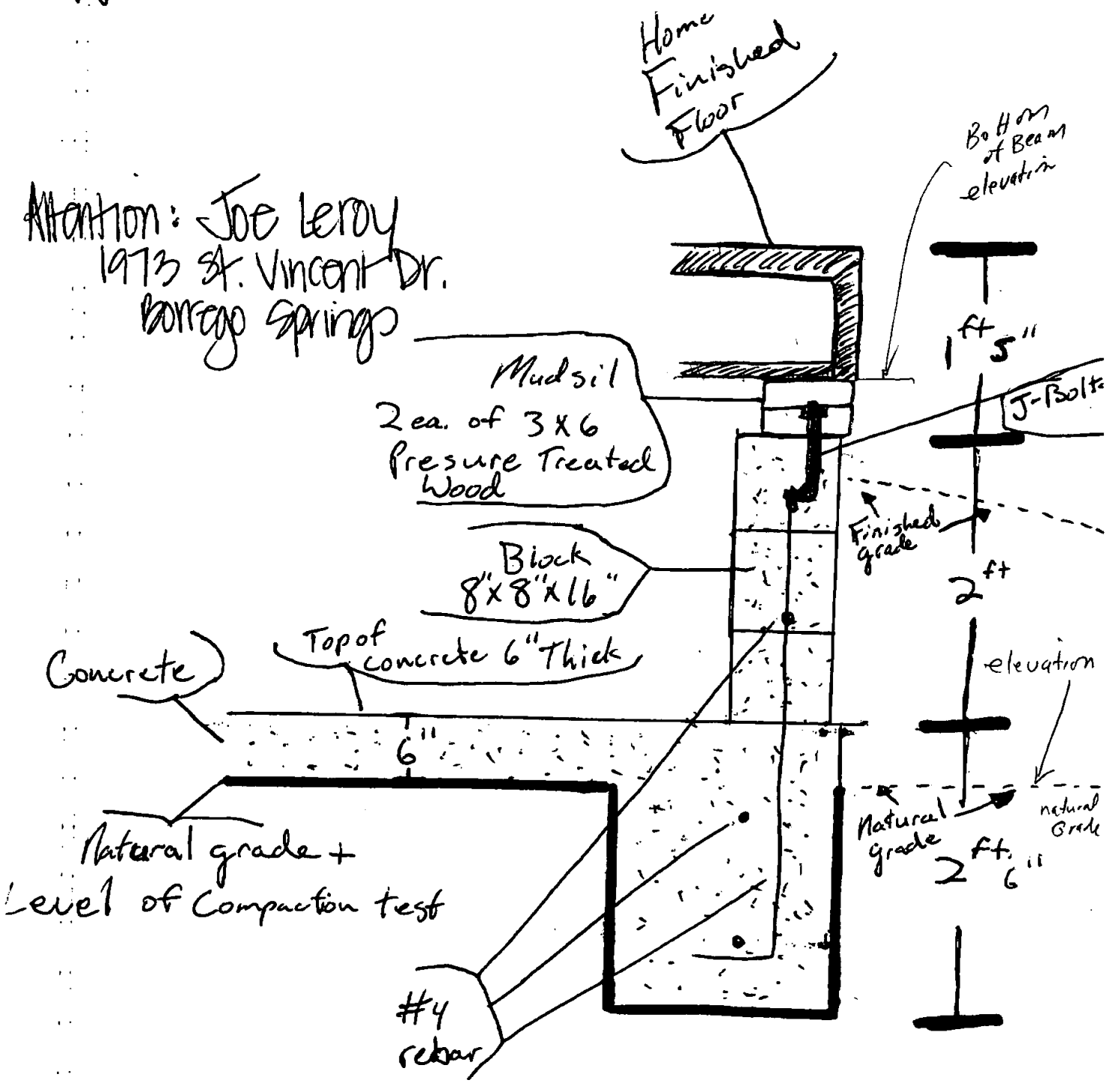
SIGNATURE: Jeffrey O Lyon DATE: 3/29/06 PHONE: (760) 370-3000

This form shall be given to the applicant at the time of request for flood control stamp on building plans in flood hazard areas. The information contained herein is required to comply with the National Flood Insurance Program. It shall be posted by the builder and after completion, picked up by the inspector and returned to the Department of Public Works, Land Development Division.

Inquiries regarding this form should be addressed to the Flood Control Counter at (619) 694-3267.

WADE RESIDENCE

Attention: Joe Leroy
1973 St. Vincent Dr.
Borrego Springs



FOUNDATION WALL & FOOTING CHART

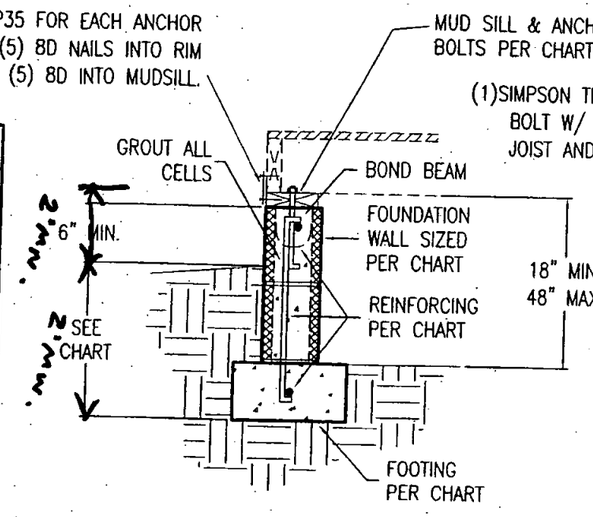
NO. OF FLOORS	MIN. THICKNESS OF FOUNDATION WALL		MIN. WIDTH OF FOOTING	MIN. THICKNESS OF FOOTING	(2) & (3) MIN. DEPTH BELOW GROUND SURFACE
	CONCRETE	MASONRY			
1	6"	6"	12"	6"	12"

1. FOUNDATIONS MAY SUPPORT A ROOF IN ADDITION TO THE NUMBER OF FLOORS LISTED. FOUNDATIONS SUPPORTING ROOFS ONLY SHALL BE AS REQUIRED FOR SUPPORTING ONE FLOOR.
2. FOOTING MUST EXTEND BELOW FROST LINE.
3. FOOTING MUST REST ON FIRM UNDISTURBED SOIL.

REINFORCING

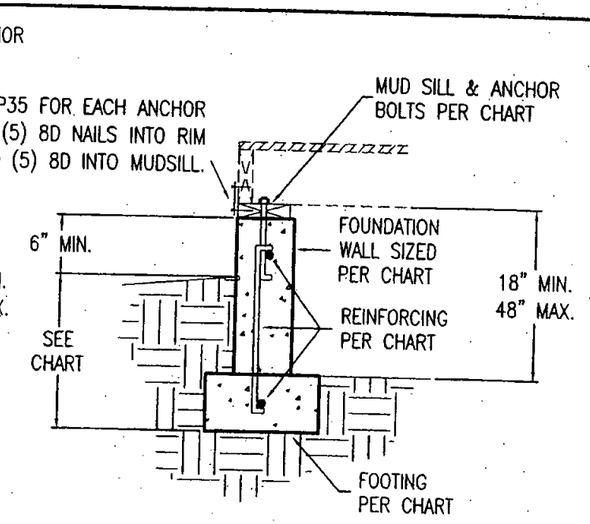
SEISMIC ZONE	CONCRETE OR MASONRY		
	HORIZONTAL		VERTICAL
	FOOTING	STEM WALL	STEM WALL
1, 2A & 2B	(1) #4 CONT.	(1) #4 CONT.	(1) #4 96" O.C.
3 & 4	(1) #4 CONT.	(1) #4 CONT.	(1) #4 24" O.C.

1. REINFORCING SHALL BE BENT AROUND CORNERS.
2. HORIZONTAL REINFORCING JOINTS SHALL OVERLAP BY 44 x THE BAR DIAMETER (22" FOR #4 BAR).
3. TIE ALL JOINTS & LAPS WITH TIE WIRE.



MASONRY

N/A IN SEISMIC ZONES 3 & 4



CONCRETE

A | PERIMETER FOUNDATION WALLS

MUD SILLS & ANCHOR BOLTS

SIESMIC ZONES	ANCHOR BOLTS		ANCHOR BOLT SPACING			
	BOLT SIZE	WASHER SIZE	MIN. FROM END	MAX. FROM END	MAX. SPACING	
1, 2A, 2B	5/8" x 9"	1 1/2" DIA.	7 x BOLT DIA.	12"	SEE CHART	
3		2"x 2"x 3/16"				
4		2"x 2"x 3/16"				

1. MUD SILLS SHALL BE MIN. 2x4 PRESSURE TREATED FIR OR FOUNDATION GRADE REDWOOD.
2. PROVIDE MIN. 1 1/2" BEARING FOR FLOOR JOISTS OR INSURE THAT JOIST HANGERS HAVE BEEN USED.
3. AT LEAST TWO ANCHOR BOLTS OR STRAPS SHALL BE INSTALLED PER PIECE.
4. ANCHOR BOLTS MAY BE SUBSTITUTED WITH SIMPSON 'MAS OR MASB' ANCHORS.
5. USE SIMPSON 'MASB' FOR MASONRY BLOCK WALLS.
6. SEE AD2.4.1 FOR TRANSVERSE AND LONGITUDINAL FOUNDATION WALLS.
7. TABLES APPLY TO ALL DOUBLEWIDES.

Length of Home, ft	Roof LL, psf	5/8" ANCHOR BOLT SPACING ALONG PERIMETER WALLS, IN. O.C.					
		Seismic Zone 2		Seismic Zone 3		Seismic Zone 4	
		Transverse	Longitudinal	Transverse	Longitudinal	Transverse	Longitudinal
36	30	72	72	50	71	50	71
48	30	61	72	38	72	38	72
60	30	49	72	30	72	30	72
72	30	41	72	25	72	25	72
76	30	39	72	24	72	24	72
36	40	72	72	50	71	48	57
48	40	61	72	38	72	36	68
60	40	49	72	30	72	30	60
72	40	41	72	25	72	24	61
76	40	39	72	24	72	23	63
36	60	72	72	50	68	43	51
48	60	61	72	38	70	38	52
60	60	49	72	30	71	30	54
72	60	41	72	25	72	26	54
76	60	39	72	24	72	22	54
						21	54

DPLU-BUILDING DIVISION
OCT 03 2006
County of San Diego
Plan Check

DPLU-BUILDING DIVISION
SEP 14 2005
County of San Diego
Plan Check

B | ANCHOR BOLT SPECIFICATIONS

OTHER

ENGINEERING STAMP

REGISTERED PROFESSIONAL ENGINEER
R. F. VICKER
NO. 26070
MAR 31 2006
CIVIL
STATE OF CALIFORNIA

APR 26 2004

APPROVAL STAMP

REDMAN HOMES®
6420 W. ALLISON ROAD
CHANDLER, AZ 85226
(520) 796-8700
(520) 796-8701 fax

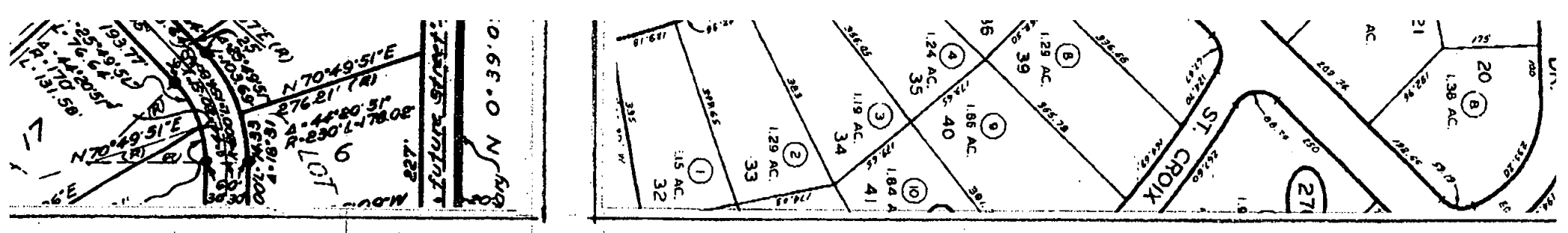
DATE	REVISION	BY:
2-21-03	DET 'A' MASONRY FDN LIMIT	JLH
4-12-04	5/8 BOLT	JLH

STRUCTURAL MANUAL – AD2

TITLE: CRAWL SPACE TYPE FOUNDATION DETAILS

DRAWN BY: DH | DATE: 5-8-2002

PAGE NO. AD2.4.3



(4.) Exterior wall surfaces must b
drop siding may be used with

(5.) Combustible eaves, soffits an
Provide note on elevation she
BASIC

(7.) All vents (roof, foundation, co
corrosion-resistant metal me

(9.) Paper faced insulation is not

(10.) Windows shall be tempered
less than 20 minutes. Glazi
area. Provide note on eleva
compliance. (County Fire Code

(3.) Show stairways and landings (U.B.C. Sec. 1003.3.3 and county Policy TB-3305-1):
a) minimum landing depth equal to stair width, up to 44"
b) rise to be between 4" and 8",
c) minimum run of 9" (for winding stairs: 6"minimum at narrowest point and 9" minimum at 12" from inside radius),
d) minimum headroom 6'-8",
e) minimum clear width of 36",
f) handrail height 34" to 38" above nosing of treads,
g) structural details required.
FOR EXTERIOR STAIRS GOING TO PORCH

(14.) Note on the site plan if the structure will use propane or natural gas.

(15.) If the structure will use propane, show the location and size of the propane tank on the site plan.

(16.) Propane tanks to 500 gallon capacity must have a minimum clearance of 10ft from any structure or property line.

(17.) Note on the plans that the project will comply with the County of San Diego lighting ordinance.

(9.) Roofing shall have a minimum Class 'A' Fire Rating.

(1.) On the site plan show the location and dimension the size of the fuel modification zone. A minimum 100 feet fuel modification zone is required around all structures.

617

616

25'

F4.5B.

300.15'

S. 15°49'04" W.

COMPACT BASE
3/8" GRAVEL DRIVE

INTERIOR SIDE YARD

2-5'Ø SEEPAGE PITS +100% RESERVE AREA
1500 GAL. SEPTIC TANK

160.64'

10' MIN.

PROPANE

9'

18'

WATER METER

DISTURBED AREA

50'

FR

BMP: S
WATTLE

38°

24'

110'

R=60'

5'

10'

BED 4
11-8 x 12-3

BED 3
11-8 x 12-3

FAMILY ROOM
13-0 x 19-6

BED 2
10-7 x 12-3

LIVING ROOM
16-3 x 18-6

DINING
9-3 x 12-10

PORCH
15-2 x 4-0

MASTER BED
12-4 x 22-3

HER BATH

HIS BATH

PROPOSED RESIDENCE

ROOFING 19
COMPO SHINGLE
OVER 15# FELT

100'

FUEL MODIFICATION ZONE

FRONT YARD

SLOPE: 1:50 (NATURAL)

ELEC. METER

30'-4"

AC.

UG. ELEC.
TV/PHONE

25'

INTERIOR SIDE YARD

N. 45°00' E

300'

ROOF MATERIAL: COMPO
OVER 15# FELT

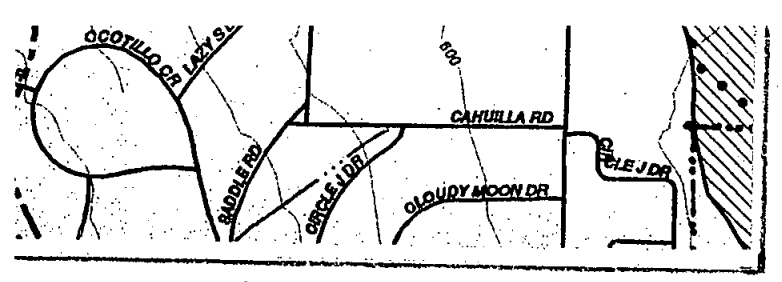
NEIGHBOR'S HOUSE

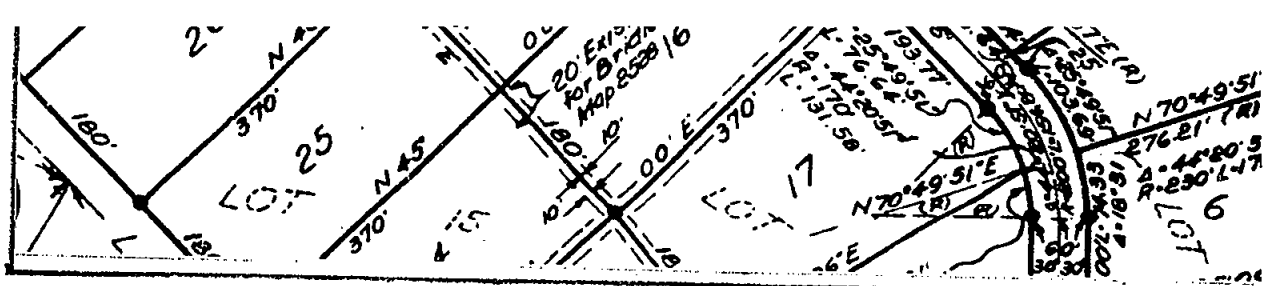
S. 45° E.

SIS

6IX

=PA-130





2 VALET.

N.↑

MAP #4460 · 6.27.1960 (MICROFILMED).

FIRE MARSHAL

County of San Diego Department of Planning and Land Use Building Division

APPROVED

Date 10/12/05

By _____

Fire Marshal

OBTAIN FIRE AGENCY APPROVAL PRIOR TO THE FOLLOWING INSPECTION

Underground Plumbing _____

Frame HYDRO

Final _____

Other _____

It is unlawful to make any changes or alterations on this set of plans and specifications.

manufactured homes

FIRE SPRINKLERS REQUIRED

Structures shall have an automatic fire sprinkler system installed per NFPA 13-D and State of California standards. Factory-installed systems shall be hydrostatically tested at 100 p.s.i. for two hours at the site at Building Final.

If not factory-installed, sprinkler plans must be approved by the California Department of Housing and Community Development. Systems installed on-site shall be hydrostatically tested at 200 p.s.i. for two hours before piping is concealed.

Contact BLDG. DEPT. at (800) 351-2551 to schedule these inspections.

OR UNIT "A"
960

:

"SANTA FE"
8135

DEPARTMENT OF PUBLIC WORKS
FLOOD CONTROL
APPROVED

ALL CONSTRUCTION SHALL CONFORM TO THE FLOOD DAMAGE PREVENTION ORDINANCE, SECTION 811.501

(X) ALL CONSTRUCTION AND IMPROVEMENTS SHALL BE ANCHORED TO PREVENT FLOTATION, COLLAPSE, AND LATERAL MOVEMENT. SEC. 811.501(a)1

(X) ALL ELECTRICAL, HEATING, VENTILATION, PLUMBING AND AIR CONDITIONING EQUIPMENT, ETC., SHALL BE CONSTRUCTED SO AS TO PREVENT WATER FROM ENTERING OR ACCUMULATING WITHIN THE COMPONENTS DURING CONDITIONS OF 100 yr. FLOODING.

(X) NEW CONSTRUCTION AND SUBSTANTIAL IMPROVEMENT OF ANY STRUCTURE SHALL HAVE THE LOWEST FLOOR, INCLUDING THE BASEMENT ELEVATED TO OR ABOVE THE FLOODWAY ELEVATION.

( ) DOES NOT CONSTITUTE A SUBSTANTIAL IMPROVEMENT.

( ) ALL NONRESIDENTIAL CONSTRUCTION SHALL CONFORM TO SEC. 811.501(c)3.

(X) OTHER ELEVATION CERT. REQUIRED PRIOR TO FOUNDATION POUR. RCE/LS TO CERTIFY ON FEMA EL CERT. that to 6 of footing is 24" Below natural Grade & FF is 24" Above natural Grade

767-5806

BY _____ DATE 10/12/05

6-1176

'HEWS 951-317-417

)-7617

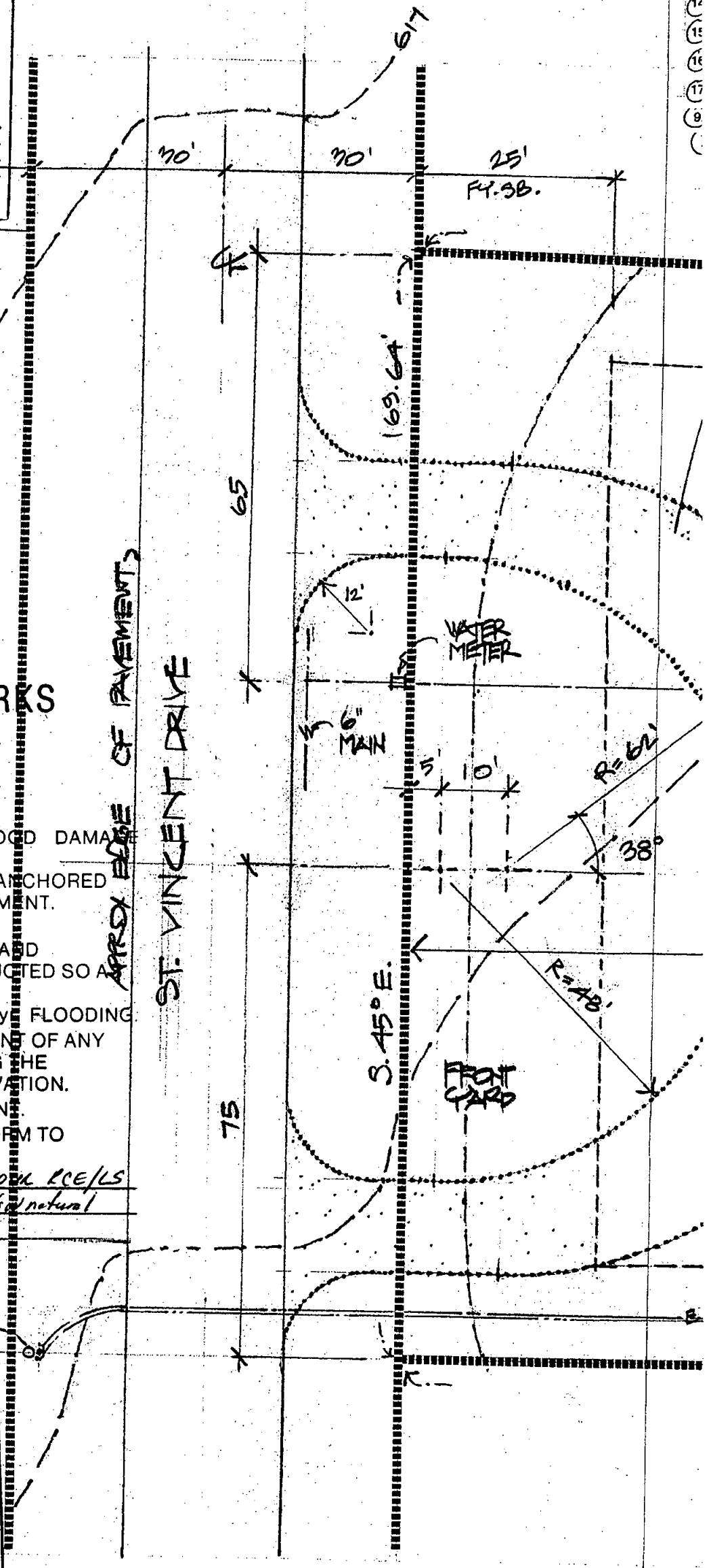
ETE

COUNTY OF SAN DIEGO
Department of Public Works

The finished floor elevation of the proposed building shall be at least 21 feet above the natural ground surface; measured from the uphill side of the structure or the highest elevation of the natural ground on which the structure is to be built.

Director

By _____ Date 10/12/05



E AN AUTOMATIC FIRE SPRINKLER SYSTEM INSTALLED PER NFPA-13D
BE INSTALLED PER U.B.C. 310.9.1.4
BE STUCCO
E A CLASS "A" ROOF
GLAZED OR TEMPERED

WADE CONCRETE CONSTRUCTION

330 Palm Canyon Drive P.O. Box 574
Borrego Springs, CA 92004
Ph. (760) 767-4078
Licensed and Bonded #811147

FAX COVER SHEET

Date: 3-27-06 Fax#: _____

Attn: JOE LEROY From: Steve Wade

Regarding: WADE RESIDENCE
1973 ST. VINCENT

Message: _____

JOE IT WOULD BE GREAT IF WE CAN GET THAT NEW CERT. OF ELEVATION BY THURS. MORNING, SO MY WIFE CAN PICK IT UP AND GET T DPW IN SAN DIEGO. SO WE CAN GET FINAL ON FRIDAY!

Thank You

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.	Policy Number
CITY STATE ZIP CODE	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

COMMENTS

|__| Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1. through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number _____ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is |__|__| ft.(m) |__|__|in.(cm) |__| above or |__| below (check one) the highest adjacent grade. (Use natural grade, if available.)

E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is |__|__| ft.(m) |__|__|in.(cm) above the highest adjacent grade. Complete Items C3.h and C3.i on front of form.

E4. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? |__| Yes |__| No |__| Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, C (Items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, C, and E are correct to the best of my knowledge.*

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS CITY STATE ZIP CODE

SIGNATURE DATE TELEPHONE

COMMENTS

|__| Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

G1. |__| The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. |__| A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. |__| The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED

G7. This permit has been issued for: |__| New Construction |__| Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is: _____ . ___ ft.(m) Datum: _____

G9. BFE or (in Zone AO) depth of flooding at the building site is: _____ . ___ ft.(m) Datum: _____

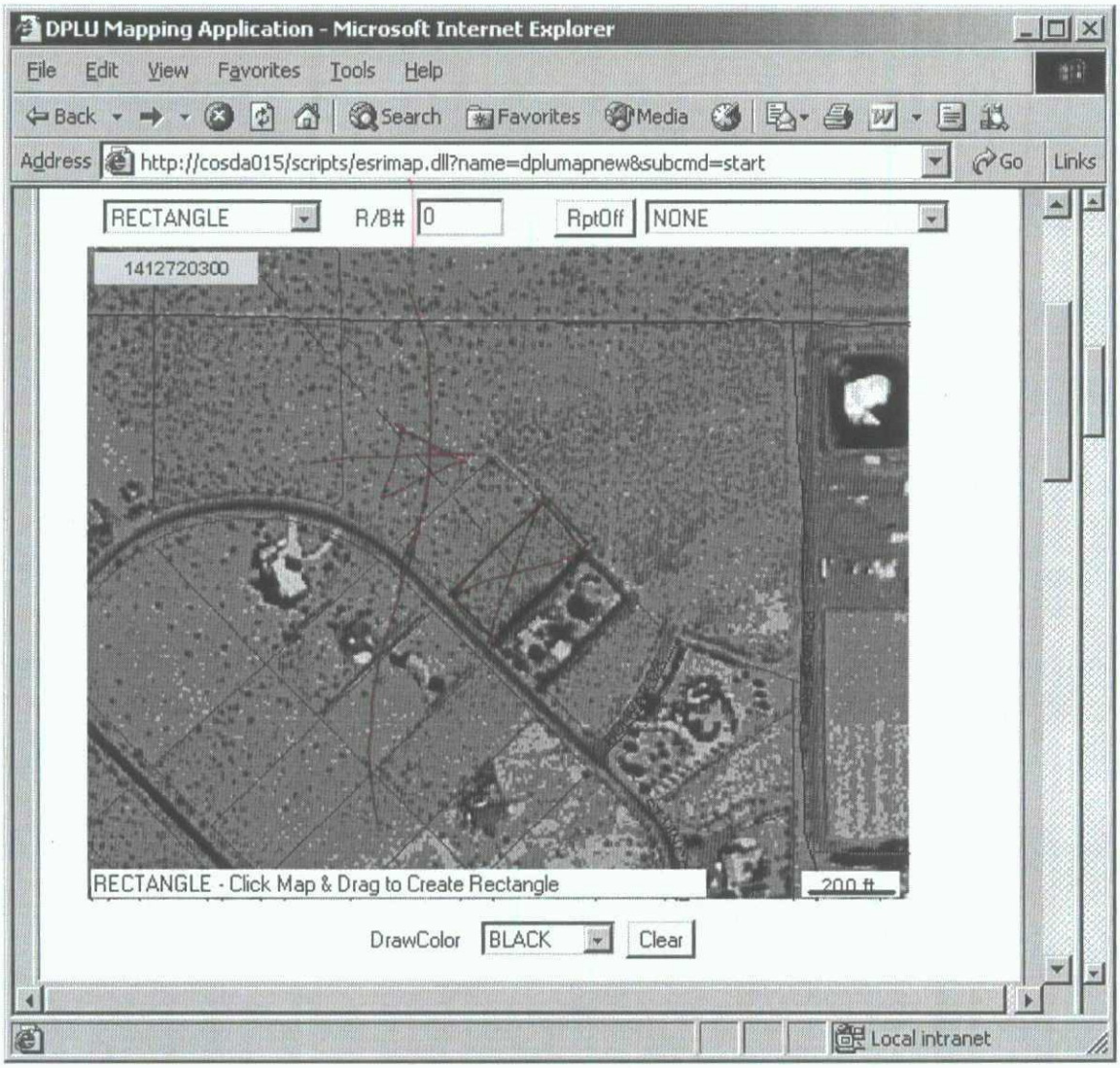
LOCAL OFFICIAL'S NAME TITLE

COMMUNITY NAME TELEPHONE

SIGNATURE DATE

COMMENTS

|__| Check here if attachments



APN/Kiva Detail	1412720300
Name1	WADE STEVEN E&TERRA G
Name2	
FractInt	1
Mail Addr1	17259 FAIRFAX CT
Mail Addr2	FONTANA CA
OwnerZip	92336
Streetname	ST VINCENT
Streetsuf	DR
Address	0
LeglDesc	LOT 11*
Acreage	1.14

DEPARTMENT OF PUBLIC WORKS
LAND DEVELOPMENT

FINANCIAL RESPONSIBILITY FORM

Date: 10.3.05 **PROJECT #:** 05-0051294

PERMIT # 1014 **PERMIT TYPE:** 2810

OWNER:

Name: STEVE & TERRA WADE

Mailing Address: P.O. BOX 574

BORREGO SPRINGS, CA. 92004

Phone Number: 760-767-4078

STUART M. REESE ARCHITECT 10.3.05

Owner's Signature **Date**

(Entered into KIVA: Date: _____ By: _____)
(Must be completed by LD Counter Staff)

FINANCIAL RESPONSIBLE:

Name: STEVE & TERRA WADE

Mailing Address: P.O. BOX 574

BORREGO SPRINGS, CA. 92004

Phone Number: 760-767-4078

STUART REESE ARCHITECT 10.3.05

Owner's Signature **Date**

(Entered into KIVA: Date: _____ By: _____)
(Must be completed by LD Counter Staff)

New _____ Change _____

This form must be completed at the time of submittal.

COUNTY OF SAN DIEGO

DEPARTMENT OF PLANNING AND LAND USE
5201 Ruffin Road, Suite B
San Diego, CA 92123
858-694-2960

RECEIPT NUMBER: 05-79642
Cashier: JTANALPL

APN: 141-272-03-00
DATE ISSUED: 03-OCT-2005
PERMIT: 2810 1014
SCOPE: FLOOD REVIEW
SITE ADDRESS: 1973 ST VINCENT DR
SUBDIVISION:
CITY: Borrego Springs, CA 92004

PARCEL OWNER: WADE STEVEN E&TERRA G
ADDRESS: 17259 FAIRFAX CT
CITY/STATE/ZIP: , 92336

PERMIT OWNER: STEVE WADE
ADDRESS: P.O. BOX 574
CITY/STATE/ZIP: BORREGO SPRINGS, CA 92004

Fees Calculated 12 Months Back

Date	Fee Code	Description	Paid to Date	This Receipt	Balance Due
)3-OCT-2005	2BLDGFLODD	FLOOD REVIEW	$0.00	$300.00	$0.00
		Totals:		$300.00	$0.00

Payment Code	Description	Amount
CHECK	CHECK #6509	$300.00

Tendered:	$300.00
Change:	$0.00
Balance Due:	$0.00