

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name <u>T SHELL LAND &amp; DEVELOPMENT, L.L.C.</u>	Policy Number	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>1900 W. BIG CHINO ROAD</u>	Company NAIC Number	
City <u>PAULDEN</u>	State <u>AZ</u>	ZIP Code <u>86334</u>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>APN: 304-01-095X</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>		
A5. Latitude/Longitude: Lat. <u>34° 54' 38.4"</u> Long. <u>-112° 30' 14.1"</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>8</u>		
A8. For a building with a crawl space or enclosure(s), provide:		A9. For a building with an attached garage, provide:
a) Square footage of crawl space or enclosure(s) _____ sq ft	a) Square footage of attached garage _____ sq ft	
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade _____	b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____	
c) Total net area of flood openings in A8.b _____ sq in	c) Total net area of flood openings in A9.b _____ sq in	

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>YAVAPAI COUNTY, UNINCORP. AREAS, #040093</u>		B2. County Name <u>YAVAPAI</u>	B3. State <u>AZ</u>		
B4. Map/Panel Number <u>04025C0970</u>	B5. Suffix <u>F</u>	B6. FIRM Index Date <u>JUNE 6, 2001</u>	B7. FIRM Panel Effective/Revised Date <u>JUNE 6, 2001</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>4382.0</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) _____					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date _____ <input type="checkbox"/> CBRS <input type="checkbox"/> 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, ARIA, 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 FEMA RM13 Vertical Datum NGVD 29

Conversion/Comments formerly designated as RM50-2

Check the measurement used.

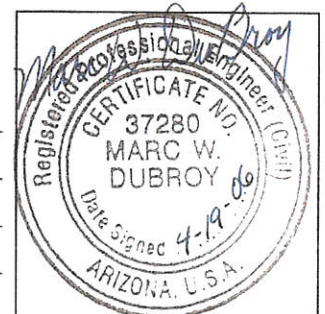
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<u>4383.6</u> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>4386.6</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<u>N/A</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	<u>4383.8</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<u>4383.5</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<u>4384.3</u> <input type="checkbox"/> feet	<input type="checkbox"/> 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 <u>MARC W. DUBROY</u>	License Number <u>37280</u>
Title <u>CIVIL ENGINEER</u>	Company Name <u>DUBROY ENGINEERING, L.L.C.</u>
Address <u>7660 E. GATO DE LUNA</u>	City <u>PRESCOTT VALLEY</u>
State <u>AZ</u>	ZIP Code <u>86314</u>
Signature <u>Marc W. Dubroy</u>	Date <u>4-19-06</u>
Telephone <u>(928) 533-7062</u>	





<b>IMPORTANT: In these spaces, copy the responding information from Section A.</b>			For Insurance Company Use:	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1900 W. BIG CHINO ROAD			Policy Number	
City PAULDEN	State AZ	ZIP Code 86334	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

① STRUCTURE IS A WFD HOME. BOTTOM OF I-BEAM IS AT ELEV. = 4384.7

② NATURAL GROUND AT THE BUILDING SITE IS ABOVE THE BFE, SO NO VENTS ARE REQUIRED.

③ MECHANICAL EQUIPMENT (A/C CONDENSOR, HYDRO-PNEUMATIC TANK) ON PAD OUTSIDE.

Signature: Marc W. Sullivan Date: 4-19-06  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 \_\_\_\_\_  feet  meters  above or  below the HAG.
- b) Top of bottom floor (including basement, crawl space, or enclosure) is \_\_\_\_\_  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 \_\_\_\_\_  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_  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.*

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. 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 <u>MO6-9</u>	G5. Date Permit Issued <u>1-30-06</u>	G6. Date Certificate Of Compliance/Occupancy Issued
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- G7. This permit has been issued for:  New Construction  Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_  feet  meters (PR) Datum \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_  feet  meters (PR) Datum \_\_\_\_\_

Local Official's Name \_\_\_\_\_ Title \_\_\_\_\_

Community Name \_\_\_\_\_ Telephone \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments \_\_\_\_\_

Check here if attachments

X

# 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:
1900 W. BIG CHINO ROAD			Policy Number
City	State	ZIP Code	Company NAIC Number
PAULDEN	AZ	86334	

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.



FRONT VIEW



REAR VIEW (FROM LEFT REAR CORNER)

4. FLOODLAIN ANALYSIS

**CERTIFICATION OF A "NO-RISE" DETERMINATION  
FOR A PROPOSED FLOODWAY ENCROACHMENT**

YAVAPAI COUNTY  
Community Name

N/A  
Development Name

APN: 304-01-095 X  
Lot/Property Designation/Parcel Number

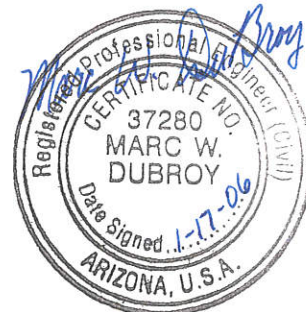
T SHELL LAND & DEVELOPMENT, L.L.C.  
Property Owner

I hereby certify that the proposed measures, in combination with the property development designation above, will result in no loss of flow conveyance and/or will not result in any increase in flood levels during the occurrence of the 1 percent annual chance of exceeding the (100 year flood) discharge.

I further certify that the data submitted herewith in support of this request are accurate to the best of my knowledge, that the analyses have been performed correctly and in accordance with sound engineering practices, and that the proposed structural works are designed in accordance with sound engineering practice.

JAN. 17, 2006  
Date

MARC W. DuBROY  
Registered Professional Engineer



Seal

CERTIFICATION OF A "NO-RISE" DETERMINATION  
FOR A PROPOSED FLOODWAY ENCROACHMENT

YAVAPAI County, AZ  
Community Name

\_\_\_\_\_  
Development Name

APN 304-01-095X  
Lot/Property Designation/Parcel Number

JOHN DOUGAN  
Property Owner

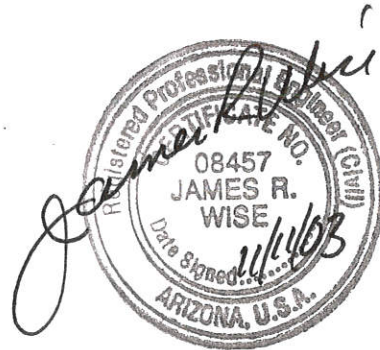
I hereby certify that the proposed measures, in combination with the property development designation above, will result in no loss of flow conveyance and/or will not result in any increase in flood levels during the occurrence of the 1 percent annual chance of exceeding the (100 year flood) discharge.

I further certify that the data submitted herewith in support of this request are accurate to the best of my knowledge, that the analyses have been performed correctly and in accordance with sound engineering practices, and that the proposed structural works are designed in accordance with sound engineering practice.

11/11/03  
Date

James R. Wise  
Registered Professional Engineer

Seal



# ELEVATION OF FLOODPLAIN PROPERTY

When Completed Return To: **YAVAPAI COUNTY DEVELOPMENT SERVICES – FLOODPLAIN UNIT**

500 S. Marina Street, Prescott, AZ 86303 (928) 771-3197 FAX (928) 771-3427  
10 S. 6<sup>th</sup> Street, Cottonwood, AZ 86326 (928) 639-8151 FAX (928) 639-8118

Office: Prescott \_\_\_\_\_  
Cottonwood \_\_\_\_\_

DATE 08/08/03

ASSESSOR'S PARCEL NUMBER 304-01-095X

SUBDIVISION NAME UNIT/PHASE AND LOT NUMBER N.A.

OWNER Carl J. Dougan and Karen D. Dougan JT

SITUS ADDRESS Portions of Section 29 and 32, T18N, R2W, G&SRBM

BASE BENCHMARK: Number RM 50-2 Elevation 4378.215

PROPERTY BENCHMARK Elevation 4382.61

DESCRIPTION OF PROPERTY BENCHMARK 1/2 inch iron rod near northwest corner of parcel 304-01-097B

GROUND ELEVATIONS AT BUILDING SITE \_\_\_\_\_  
(Please provide a minimum of three (3) elevation points, representative of the site.)

Sketch of Lot \_\_\_\_\_  
(Include location of property benchmark and building site elevations)

Remarks \_\_\_\_\_

*See attached topographic map.*



Signed James R. Wise  
Kelley/Wise Engineering, Inc.

Company Name  
146 Grove Avenue  
Address  
Prescott, AZ 86301

Telephone (928) 771-1730

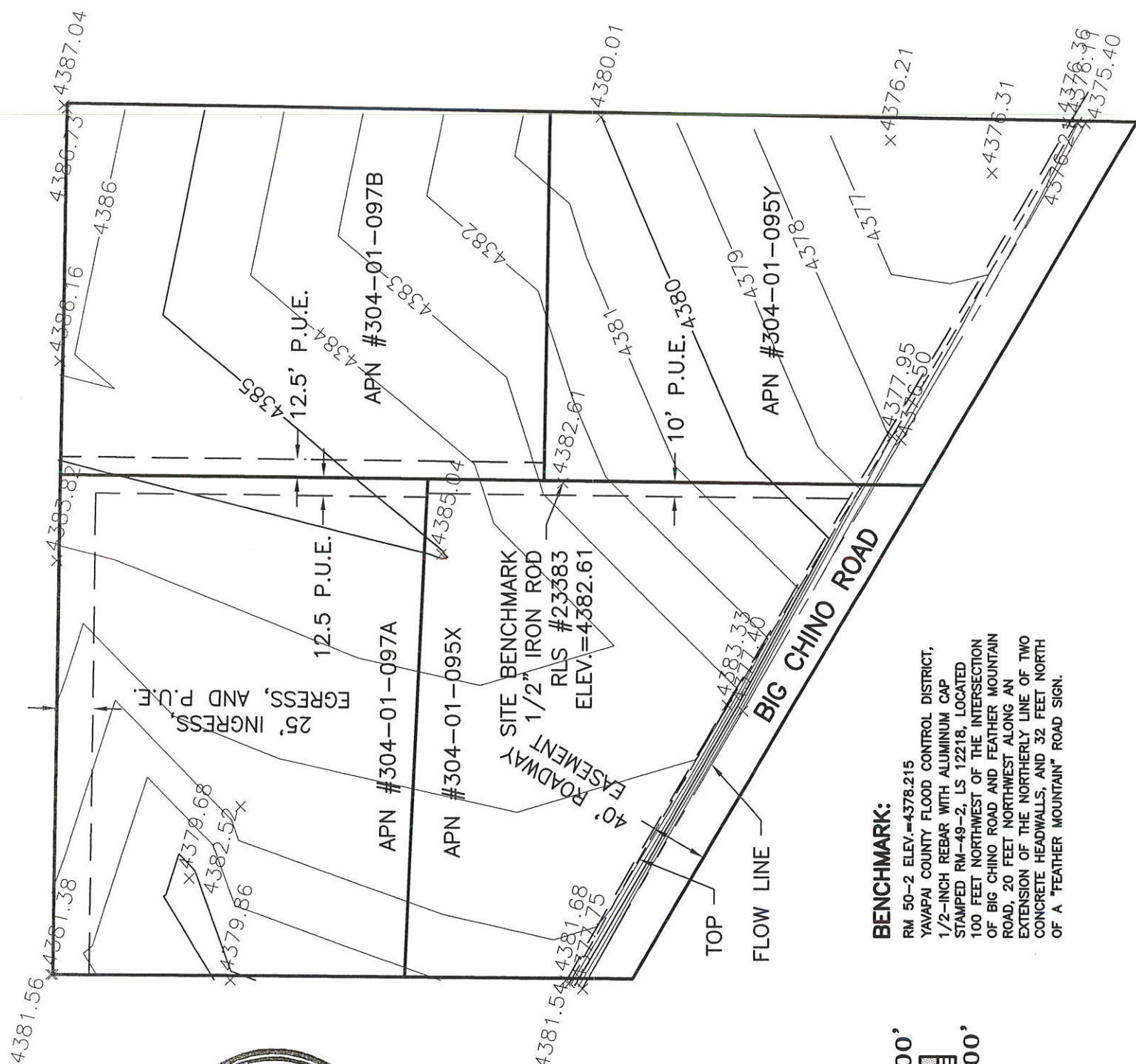
**FOR YAVAPAI COUNTY FLOOD CONTROL DISTRICT USE:**

Date: 8/18/03

Base Flood Elevation 4382.98

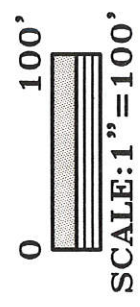
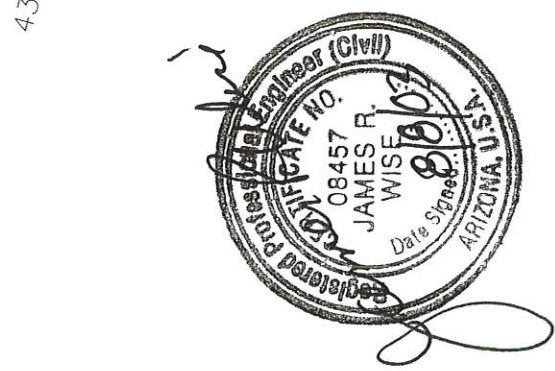
+ 1.0' = Regulatory Elevation 4383.98

\* ELEVATION DETERMINATIONS ARE BASED ON BEST AVAILABLE DATA WHEN CALCULATED. ELEVATIONS ARE SUBJECT TO CHANGE WHEN NEW OR REVISED FLOOD STUDIES OR DATA IS SUPPLIED TO THE DISTRICT.



**BENCHMARK:**

RM 50-2 ELEV.=4378.215  
 YAVAPAI COUNTY FLOOD CONTROL DISTRICT,  
 1/2-INCH REBAR WITH ALUMINUM CAP  
 STAMPED RM-49-2, LS 12218, LOCATED  
 100 FEET NORTHWEST OF THE INTERSECTION  
 OF BIG CHINO ROAD AND FEATHER MOUNTAIN  
 ROAD, 20 FEET NORTHWEST ALONG AN  
 EXTENSION OF THE NORTHERLY LINE OF TWO  
 CONCRETE HEADWALLS, AND 32 FEET NORTH  
 OF A "FEATHER MOUNTAIN" ROAD SIGN.



# ELEVATION OF FLOODPLAIN PROPERTY

When Completed Return To: YAVAPAI COUNTY DEVELOPMENT SERVICES – FLOODPLAIN UNIT

500 S. Marina Street, Prescott, AZ 86303 (928) 771-3197 FAX (928) 771-3427  
10 S. 6<sup>th</sup> Street, Cottonwood, AZ 86326 (928) 639-8151 FAX (928) 639-8118

Office: Prescott \_\_\_\_\_  
Cottonwood \_\_\_\_\_

DATE 08/08/03

ASSESSOR'S PARCEL NUMBER 304-01-095X

SUBDIVISION NAME UNIT/PHASE AND LOT NUMBER N.A.

OWNER Carl J. Dougan and Karen D. Dougan JT

SITUS ADDRESS Portions of Section 29 and 32, T18N, R2W, G&SRBM

BASE BENCHMARK: Number RM 50-2 Elevation 4378.215

PROPERTY BENCHMARK Elevation 4382.61

DESCRIPTION OF PROPERTY BENCHMARK 1/2 inch iron rod near northwest corner of parcel 304-01-095Y

GROUND ELEVATIONS AT BUILDING SITE none given - see map: 4384.4'  
(Please provide a minimum of three (3) elevation points, representative of the site.)

Sketch of Lot  
(Include location of property benchmark and building site elevations)

Remarks \_\_\_\_\_

*See attached topographic map.*



James R. Wise  
Signed \_\_\_\_\_  
Kelley/Wise Engineering, Inc.  
Company Name \_\_\_\_\_  
146 Grove Avenue  
Address \_\_\_\_\_  
Prescott, AZ 86301  
Telephone (928) 771-1730

FOR YAVAPAI COUNTY FLOOD CONTROL DISTRICT USE:

Date: 12/16/03

Base Flood Elevation 4382.3 + 1.0' = Regulatory Elevation 4383.3

\* ELEVATION DETERMINATIONS ARE BASED ON BEST AVAILABLE DATA WHEN CALCULATED. ELEVATIONS ARE SUBJECT TO CHANGE WHEN NEW OR REVISED FLOOD STUDIES OR DATA IS SUPPLIED TO THE DISTRICT.

*ground elevation at building side is above BFE by 2.1 feet.*

*-DAC  
12/16/03*