



City of Phoenix

STREET TRANSPORTATION DEPARTMENT

July 22, 2004

Michael Baker Jr., Inc.
3601 Eisenhower Avenue, #600
Alexandria, VA 22304

Case NO.: 03-09-0448R
Community: City of Phoenix, AZ
Panels Affected: 04013C1655J
And 04013C1660G

RE: **CONDITIONAL LETTER OF MAP REVISION (CLOMR)
FOR THE MOON VALLEY CORPORATE CENTER.**

Dear Mr. Rajak,

Please find enclosed items regarding the Conditional Letter of Map Revision (CLOMR) for Moon Valley Corporate Center.

ITEMS:

- 1- Revised annotated FIRM Panels 04013C1655-J and 04013C1660-G.
- 2- Annotated 100-Year Profile Maps corresponding the current FIS Map Nos. 850P, 851P, and 852P.
- 3- Certified Elevation Certificates for each of the buildings within the Moon Valley Corporate Center complex.
- 4- Certified as-built grading and drainage plans for the improvements proposed with Moon Valley Corporate Center.
- 5- Revised Plate II – Proposed Floodplain Boundary for North Branch of Moon Valley Wash Upstream of 7th Street.
- 6- Revised Plate III.
- 7- New Plate IV.

If you have any technical questions concerning this project please call Mr. Scott Ogden, P.E., phone number 480-752-2124, fax number 480-839-2193. If you have any other questions, please contact this office at 602-262-4960.

Sincerely,

Hasan Mushtaq Ph.D., P. E., CFM
Floodplain Manager

Cc: Scott Ogden, P.E.
Tim Murphy, P.E., CFM
Brain Cosson, ADWR

CONTROL DISTRICT	
RECEIVED	
JUL 26 '04	
CH & GM	FINANCE
PIO	LANDS
ADMIN	O & M
REG	IP & PM
ENG	FILE
CONTRACTS	
EQUIPMENT	

TMM

Memorandum

JE Fuller/ Hydrology & Geomorphology, Inc.

DATE: July 19, 2004

TO: Hasan Mushtaq, Ph.D., P.E.
City of Phoenix
Street Transportation Department
200 West Washington Street, 5th Floor
Phoenix, Arizona 85003-1611

FROM: W. Scott Ogden, P.E.

RE: Moon Valley Corporate Center CLOMR
Case No. 03-096-0448R

CC: John Amidon (Phoenix Scottish Rite)
file



Pursuant to comments received from FEMA and subsequent phone conversations with the reviewers at FEMA and Michael Baker Corporation, we are submitting the following package for re-submittal to FEMA regarding this project. The materials included herewith are summarized below in the order they appear:

- Revised annotated FIRM Panels 04013C1655-J and 04013C1660-G
- Annotated 100-Year Profile Maps corresponding the current FIS Map Nos. 850P, 851P, and 852P
- Certified Elevation Certificates for each of the buildings within the Moon Valley Corporate Center complex
- Certified as-built grading and drainage plans for the improvements proposed with Moon Valley Corporate Center.
- Revised Plate II – Proposed Floodplain Boundary for North Branch of Moon Valley Wash Upstream of 7th Street¹
- Revised Plate III²
- New Plate IV³

These documents and this memorandum are an addendum to the September 2003 TDN and for the purposes of that report, all of the items listed above and attached hereto supersede their counterparts in the TDN.

There were no modifications made to the FLO2D model input or output documented in the September 2003 TDN. The only changes set forth by this memorandum pertain to the

¹ Maps included with the original technical data notebook (TDN) prepared by JEF entitled; *Floodplain Analysis and Two-Dimensional Modeling Technical Data Notebook for Moon Valley Corporate Center, Phoenix, AZ*, dated September 2003.

² Revised Plate III that now shows existing condition floodplain delineations and FLO2D results

³ Plate IV shows proposed conditions floodplain delineations and FLO2D results.

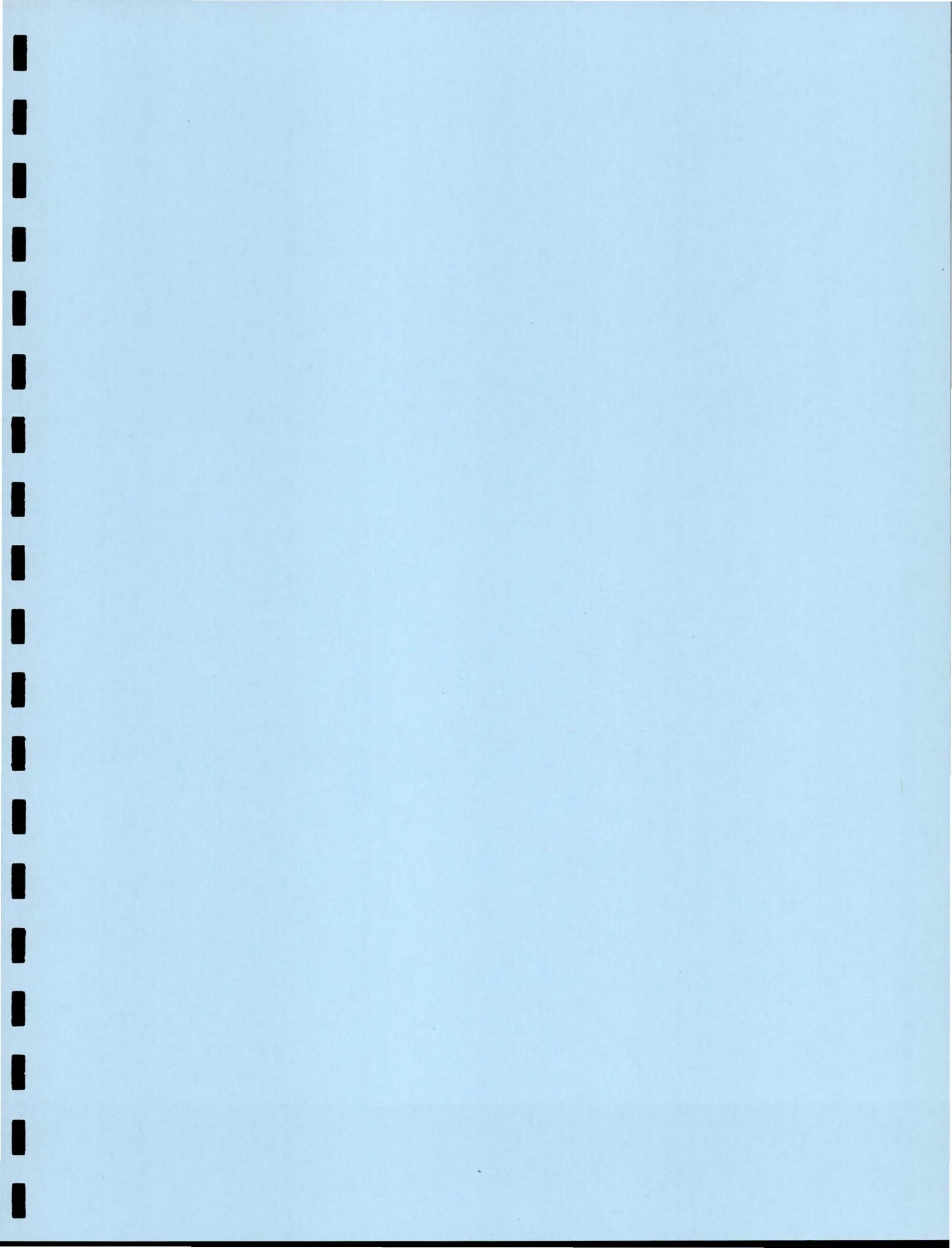
Memo to Hasan Mushtaq – FEMA Case No. 03-096-0448R

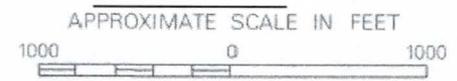
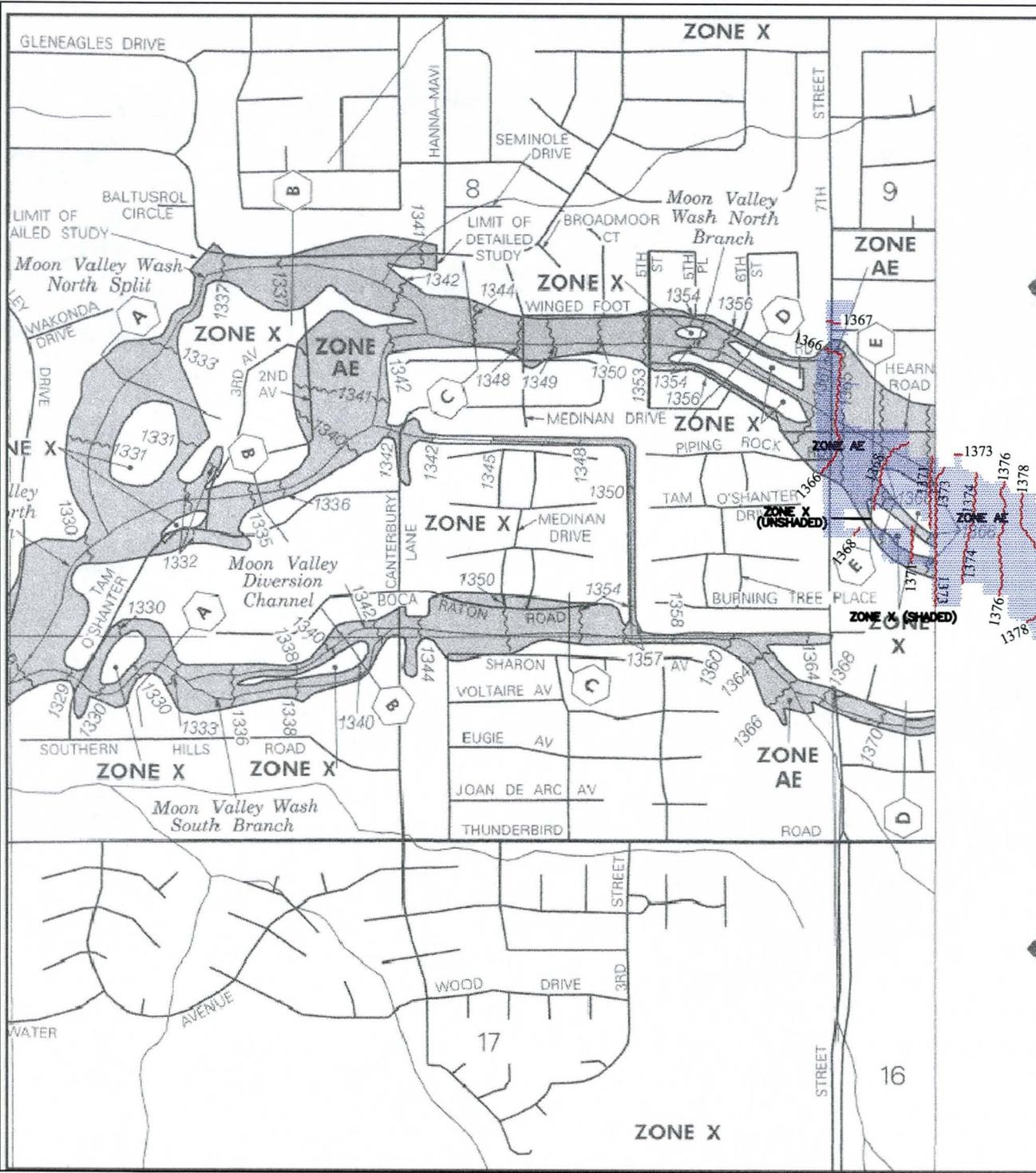
p. 2

JEFuller, Inc.

7/19/04

revised floodplain delineation boundaries and flood zone designations agreed upon during phone conversations with City of Phoenix, Michael Baker Corporation, and FEMA representatives on February 5 and April 20, 2004. We are providing sufficient information to request that a LOMR be issued in-lieu of a CLOMR.





NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY,
ARIZONA AND
INCORPORATED AREAS

PANEL 1655 OF 4350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS COMMUNITY	NUMBER	PANEL	SUFFIX
PHOENIX CITY OF	04009	1655	J

MAP NUMBER
04013C1655 J

MAP REVISED:
JULY 19, 2001



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov.

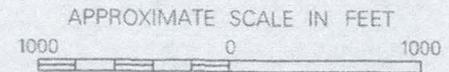


LE

To obtain more detailed information on Flood Elevations (BFEs) and/or flood depths, users are encouraged to consult the Flood Insurance Study (FIS) that accompanies this FIRM. Users of the FIRM represent rounded elevations may not exactly reflect the flood elevations shown on the FIRM for purposes only and should not be used for elevation information. Accuracy in the FIS should be utilized for purposes of construction and

ERM elevations listed on this map to establish vertical control for floodplain boundaries portrayed on this map. To obtain up-to-date information on ERM elevations, users should contact the National Geodetic Survey (NGS) ERM Information Services or visit their website at www.ngs.noaa.gov to seek verification of non-NGS ERM elevations for construction purposes.

Coastal BFE's shown on this map are based on NGVD. Users of this FIRM should use these elevations for construction purposes when they are high water elevations shown in the FIS.



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY,
ARIZONA AND
INCORPORATED AREAS

PANEL 1660 OF 4350

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS COMMUNITY	NUMBER	PANEL	SUFFIX
PHOENIX, CITY OF	040351	1660	G

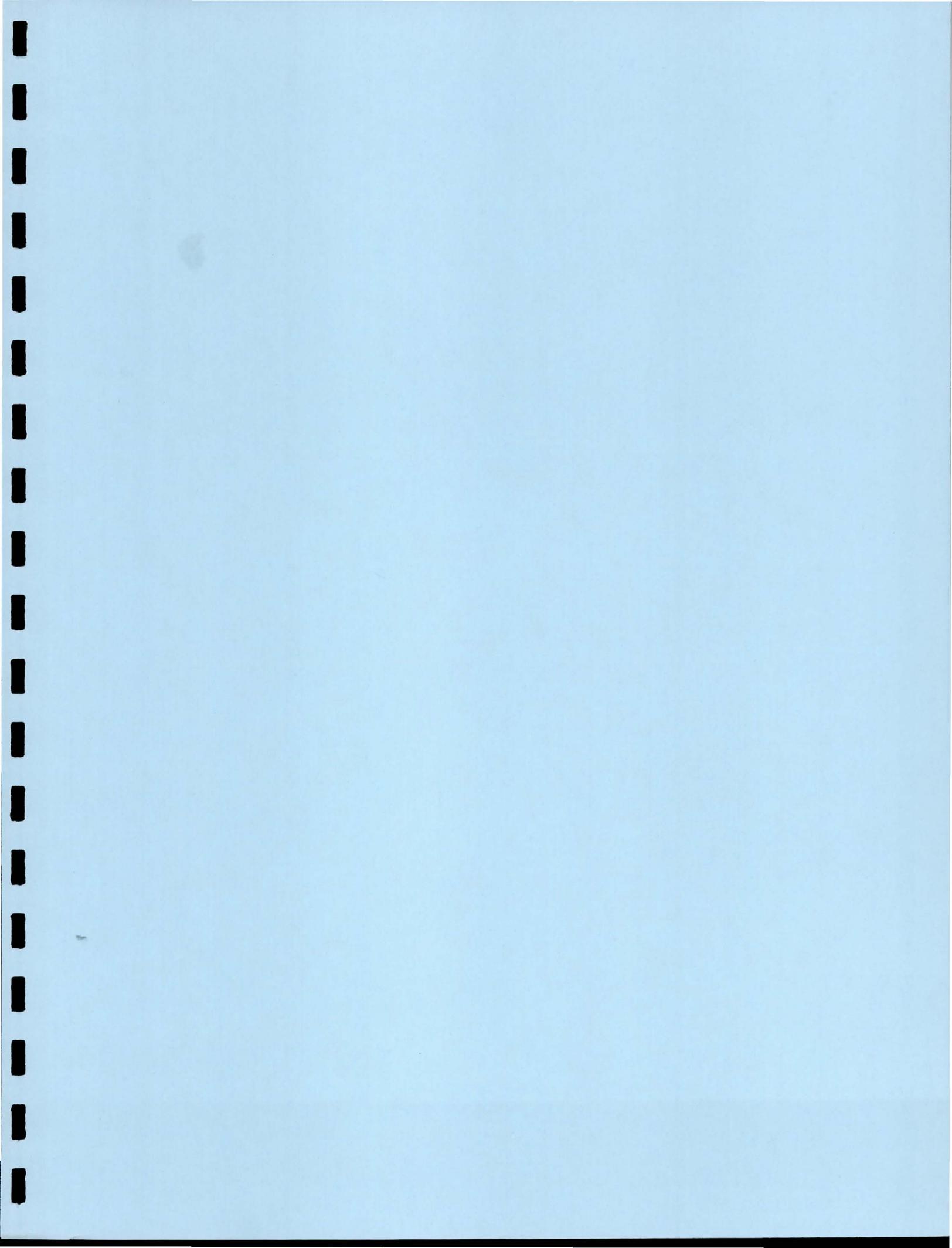
MAP NUMBER
04013C1660 G

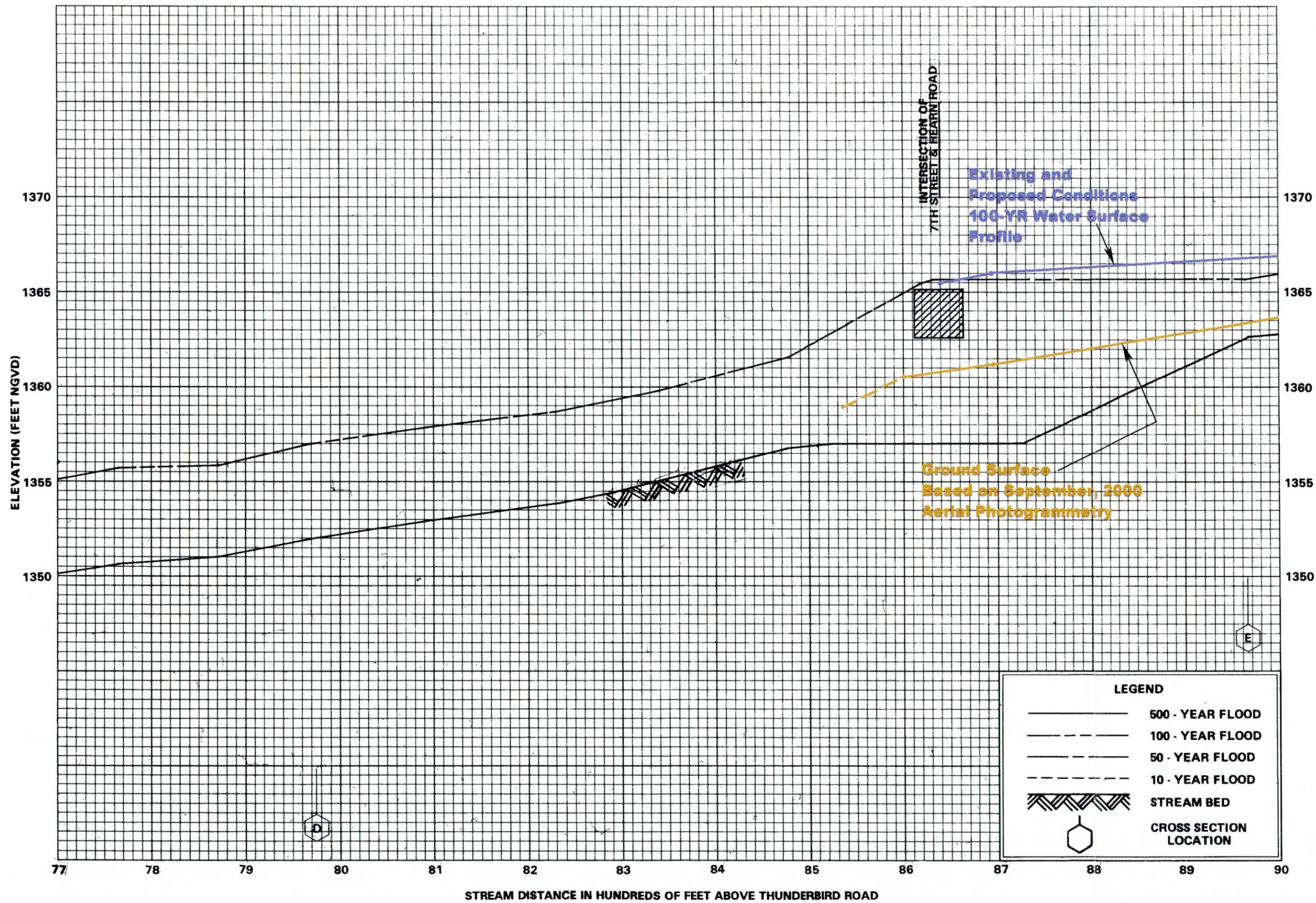
MAP REVISED:
JULY 19, 2001



Federal Emergency Management Agency

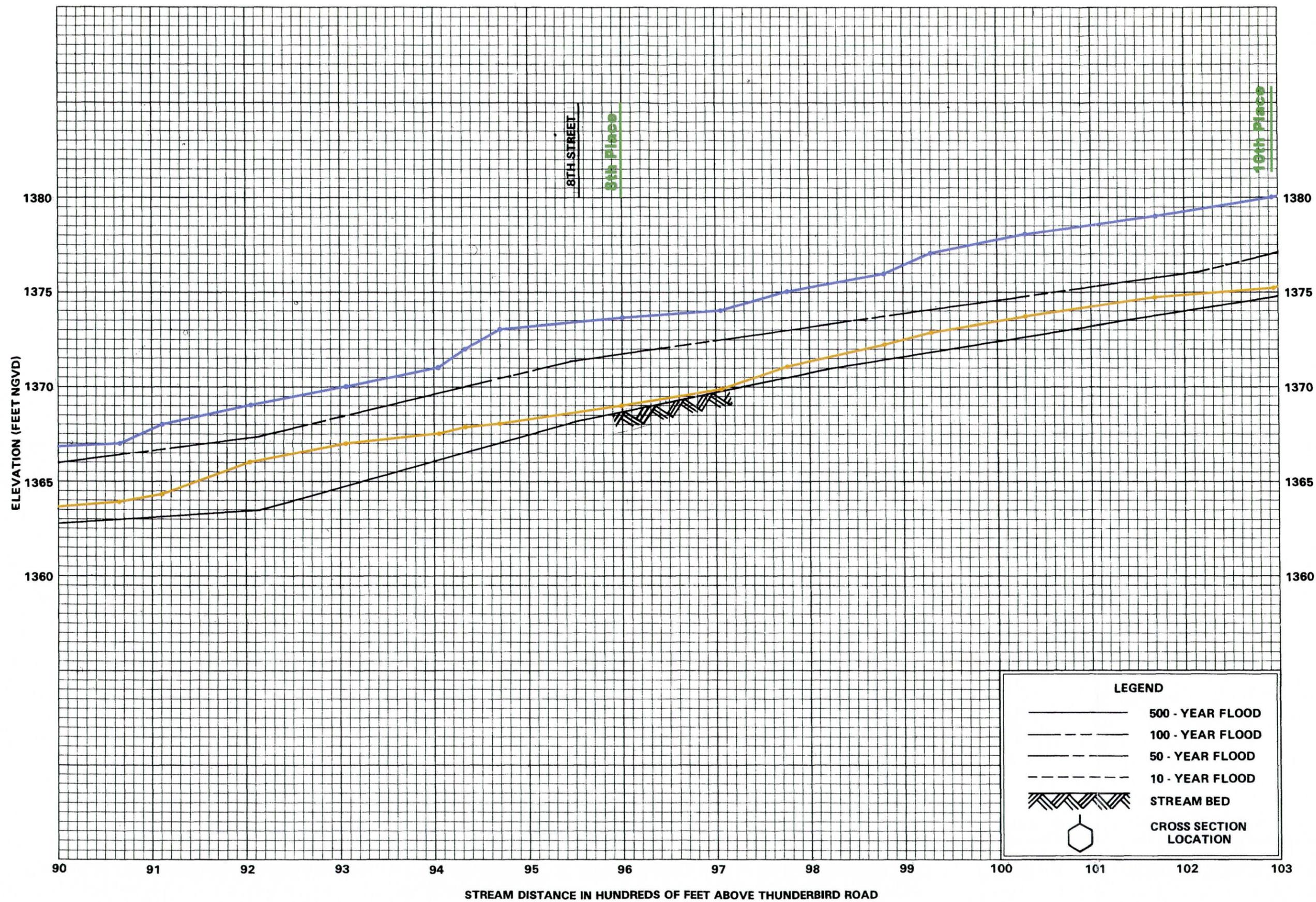
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov





FLOOD PROFILES
MOON VALLEY WASH - NORTH BRANCH

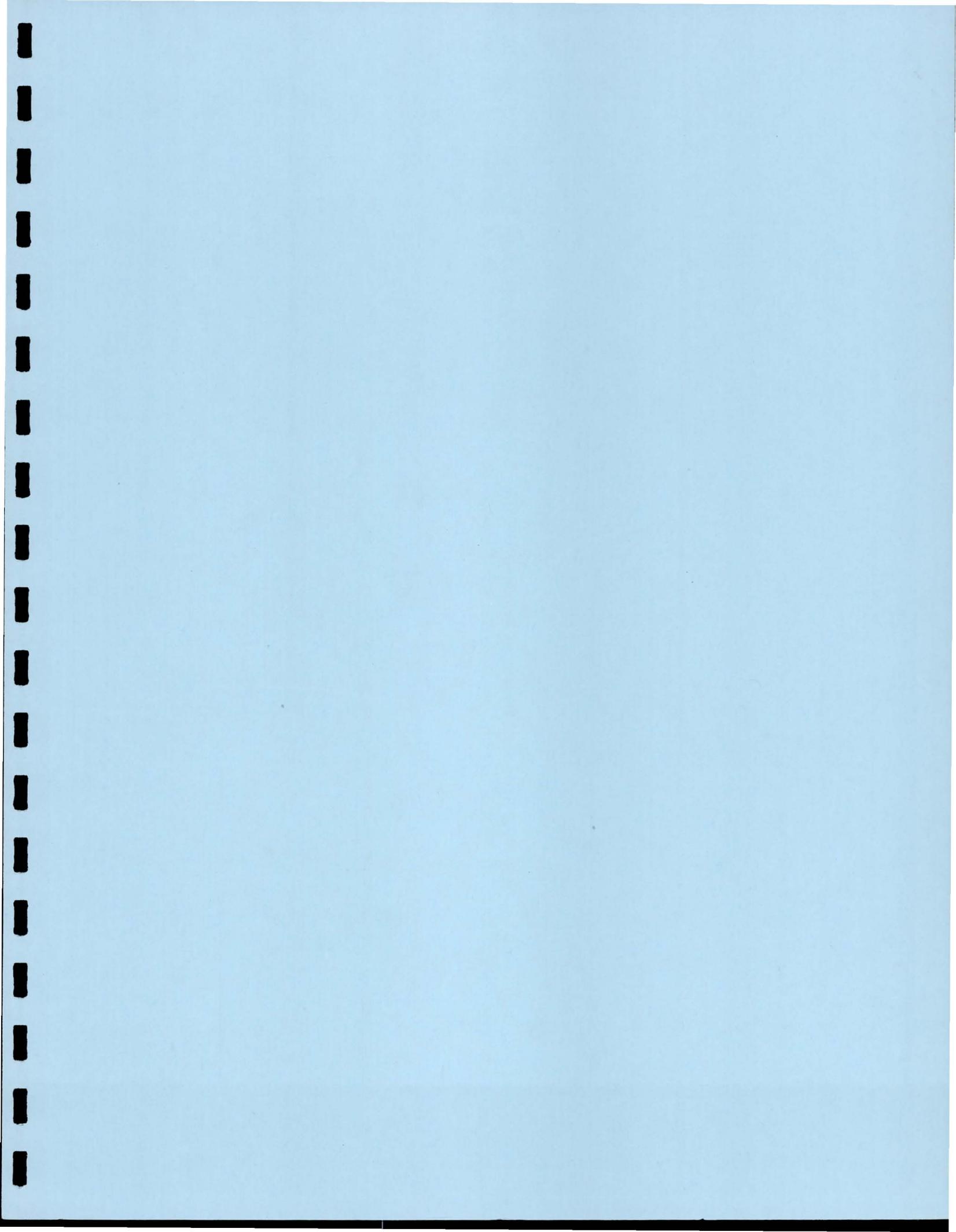
FEDERAL EMERGENCY MANAGEMENT AGENCY
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

MOON VALLEY WASH - NORTH BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. A		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): (##° - ##' - ###" or ###"###") <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other		
N 33°36'48" / W 112°03'54"		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01	B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1363.20

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* Finished Construction.
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

<input checked="" type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>1369</u>	<u>.05</u>	ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>N/A</u>		ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u>		ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>N/A</u>		ft.(m)
<input checked="" type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.)	<u>1368</u>	<u>.28</u>	ft.(m)
<input checked="" type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>1368</u>	<u>.00</u>	ft.(m)
<input checked="" type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>1368</u>	<u>.90</u>	ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	<u>N/A</u>		
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h	<u>N/A</u>		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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE <i>Joseph A. Gervasio</i>	STATE AZ
DATE 4-28-04	ZIP CODE 85016
	TELEPHONE (602) 285-1720

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. 14001 North 7th Street, Bldg. A			Policy Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022	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 City of Phoenix datum equal to NGVD 1929 Datum

Benchmark - brass cap in handhole at the intersection of 7th Street and Roberts Road.
Elevation = 1368.375 (City of Phoenix datum), recorded elevation = 1368.68.

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 E5. 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. The top of the platform of machinery and/or equipment servicing the building is ____ ft. (m) ____ in. (cm) ____ above or ____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E5. 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
John Amidon, Phoenix Scottish Rite

ADDRESS 77 East Columbus Avenue CITY, Phoenix STATE, Arizona ZIP CODE 85012

SIGNATURE DATE TELEPHONE (602) 212-1075

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
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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 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

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. B		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type):		
($##^{\circ} - ## - ##.###$ or $##.#####$) <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other		
N 33°36'48" / W 112°03'53"		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01	B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1364.65

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* Finished Construction.
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

<input checked="" type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>1370</u>	<u>.01</u> ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>N/A</u>	<u> </u> ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u>	<u> </u> ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>N/A</u>	<u> </u> ft.(m)
<input checked="" type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.)	<u>1369</u>	<u>.58</u> ft.(m)
<input checked="" type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>1369</u>	<u>.00</u> ft.(m)
<input checked="" type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>1369</u>	<u>.90</u> ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	<u>N/A</u>	
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h	<u>N/A</u>	<u> </u> 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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE 	STATE AZ
	ZIP CODE 85016
	TELEPHONE (602) 285-1720
	DATE 4-28-04

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. 14001 North 7th Street, Bldg. B			Policy Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022	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 City of Phoenix datum equal to NGVD 1929 Datum

Benchmark - brass cap in handhole at the intersection of 7th Street and Roberts Road.
Elevation = 1368.375 (City of Phoenix datum), recorded elevation = 1368.68.

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 E5. 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. The top of the platform of machinery and/or equipment servicing the building is _____ ft. (m) _____ in. (cm) _____ above or _____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E5. 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

John Amidon, Phoenix Scottish Rite

ADDRESS
77 East Columbus Avenue

CITY
Phoenix

STATE
Arizona

ZIP CODE
85012

SIGNATURE

DATE

TELEPHONE
(602) 212-1075

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

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. C		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-##.###" or #####") N 33°36'48" / W 112°03'52"	HORIZONTAL DATUM: <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01	B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1366.00

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* Finished Construction.
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

<input checked="" type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>1372</u>	<u>.00</u>	ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>N/A</u>		ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u>		ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>N/A</u>		ft.(m)
<input checked="" type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.)	<u>1371</u>	<u>.58</u>	ft.(m)
<input checked="" type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>1370</u>	<u>.48</u>	ft.(m)
<input checked="" type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>1371</u>	<u>.90</u>	ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	<u>N/A</u>		
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h	<u>N/A</u>		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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE 	STATE AZ
	ZIP CODE 85016
	TELEPHONE (602) 285-1720
	DATE 6-28-04

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. 14001 North 7th Street, Bldg. C			Policy Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022	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 City of Phoenix datum equal to NGVD 1929 Datum

Benchmark - brass cap in handhole at the intersection of 7th Street and Roberts Road.
Elevation = 1368.375 (City of Phoenix datum), recorded elevation = 1368.68.

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 E5. 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. The top of the platform of machinery and/or equipment servicing the building is ____ ft. (m) ____ in. (cm) ____ above or ____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E5. 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
John Amidon, Phoenix Scottish Rite

ADDRESS 77 East Columbus Avenue	CITY Phoenix	STATE Arizona	ZIP CODE 85012
SIGNATURE	DATE	TELEPHONE (602) 212-1075	
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

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. D		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-##.###" or ##.#####") N33°36'48" / W112°03'51"	HORIZONTAL DATUM: <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01	B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1368.85

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* Finished Construction.
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
 Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

<input checked="" type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>1371</u>	<u>.98</u> ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>N/A</u>	<u> </u> ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u>	<u> </u> ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>N/A</u>	<u> </u> ft.(m)
<input checked="" type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.)	<u>1371</u>	<u>.57</u> ft.(m)
<input checked="" type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>1370</u>	<u>.70</u> ft.(m)
<input checked="" type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>1371</u>	<u>.90</u> ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	<u>N/A</u>	
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h	<u>N/A</u> 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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE <i>Joseph A. Gervasio</i>	STATE AZ
DATE 6-28-04	ZIP CODE 85016
	TELEPHONE (602) 285-1720

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. E		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type):		
(<u>##° - ##' - ###"##</u> or <u>###"###"##</u>) <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other		
N 33°36'48" / W 112°03'50"		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01	B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1367.50

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* Finished Construction.
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
 Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

<input checked="" type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>1371</u>	<u>97</u>	ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>N/A</u>		ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u>		ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>N/A</u>		ft.(m)
<input checked="" type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.)	<u>1371</u>	<u>56</u>	ft.(m)
<input checked="" type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>1370</u>	<u>70</u>	ft.(m)
<input checked="" type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>1371</u>	<u>90</u>	ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade <u>N/A</u>			
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h <u>N/A</u> 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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE <i>Joseph A. Gervasio</i>	STATE AZ
	ZIP CODE 85016
	DATE 4-28-04
	TELEPHONE (602) 285-1720

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. 14001 North 7th Street, Bldg. E			Policy Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022	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 City of Phoenix datum equal to NGVD 1929 Datum

Benchmark - brass cap in handhole at the intersection of 7th Street and Roberts Road.
Elevation = 1368.375 (City of Phoenix datum), recorded elevation = 1368.68.

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 E5. 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. The top of the platform of machinery and/or equipment servicing the building is _____ ft. (m) _____ in. (cm) _____ above or _____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E5. 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

John Amidon, Phoenix Scottish Rite

ADDRESS 77 East Columbus Avenue	CITY Phoenix	STATE Arizona	ZIP CODE 85012
------------------------------------	-----------------	------------------	-------------------

SIGNATURE	DATE	TELEPHONE (602) 212-1075
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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

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. F		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) HORIZONTAL DATUM: SOURCE:		
(##° - ##' - ##.###" or ###.####") <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> GPS (Type): <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other		
N 33°36'47" / W 112°03'48"		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa	B3. STATE Arizona
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01
		B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1368.00

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* Finished Construction.
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
 Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

<input checked="" type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>1372</u>	<u>.82</u> ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>N/A</u>	ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u>	ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>N/A</u>	ft.(m)
<input checked="" type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.)	<u>1372</u>	<u>.06</u> ft.(m)
<input checked="" type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>1371</u>	<u>.50</u> ft.(m)
<input checked="" type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>1372</u>	<u>.70</u> ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	<u>N/A</u>	
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h	<u>N/A</u> 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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE <i>Joseph A. Gervasio</i>	STATE AZ
	ZIP CODE 85016
	TELEPHONE (602) 285-1720
	DATE 6-28-04

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. 14001 North 7th Street, Bldg. F			Policy Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022	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 City of Phoenix datum equal to NGVD 1929 Datum

Benchmark - brass cap in handhole at the intersection of 7th Street and Roberts Road.
Elevation = 1368.375 (City of Phoenix datum), recorded elevation = 1368.68.

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 E5. 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. The top of the platform of machinery and/or equipment servicing the building is _____ ft. (m) _____ in. (cm) _____ above or _____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E5. 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
John Amidon, Phoenix Scottish Rite

ADDRESS 77 East Columbus Avenue	CITY Phoenix	STATE Arizona	ZIP CODE 85012
SIGNATURE	DATE	TELEPHONE (602) 212-1075	

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

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME Phoenix Scottish Rite		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 14001 North 7th Street, Bldg. G		Company NAIC Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Moon Valley Corporate Center Condominium II, Book 662 of Maps, pg. 33, M.C.R.		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Non-residential (medical & Commercial)		
LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ###" or ###.###") N 33°36'46" / W 112°03'48"		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): <input checked="" type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input checked="" type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Phoenix 040051		B2. COUNTY NAME Maricopa		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 1655	B5. SUFFIX J	B6. FIRM INDEX DATE 07/19/01	B7. FIRM PANEL EFFECTIVE/REVISED DATE 07/19/01	B8. FLOOD ZONE(S) X & AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 1368.00

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* Finished Construction.
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (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 1368.375 Conversion/Comments City of Phoenix Datum Equals NGVD 1929 Datum
 Elevation reference mark used see comments Does the elevation reference mark used appear on the FIRM? Yes No

a) Top of bottom floor (including basement or enclosure) 1372 82 ft.(m)
 b) Top of next higher floor N/A ft.(m)
 c) Bottom of lowest horizontal structural member (V zones only) N/A ft.(m)
 d) Attached garage (top of slab) N/A ft.(m)
 e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.) 1372 12 ft.(m)
 f) Lowest adjacent (finished) grade (LAG) 1371 70 ft.(m)
 g) Highest adjacent (finished) grade (HAG) 1372 70 ft.(m)
 h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade N/A
 i) Total area of all permanent openings (flood vents) in C3.h N/A 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 Joseph A. Gervasio	LICENSE NUMBER Arizona RLS #15861
TITLE President	COMPANY NAME Gervasio & Assoc., Inc.
ADDRESS 4527 North 16th Street, Suite 200	CITY Phoenix
SIGNATURE <i>Joseph A. Gervasio</i>	STATE AZ
	ZIP CODE 85016
	DATE 6-28-04
	TELEPHONE (602) 285-1720

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. 14001 North 7th Street, Bldg. G			Policy Number
CITY Phoenix	STATE Arizona	ZIP CODE 85022	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 City of Phoenix datum equal to NGVD 1929 Datum
 Benchmark - brass cap in handhole at the intersection of 7th Street and Roberts Road.
 Elevation = 1368.375 (City of Phoenix datum), recorded elevation = 1368.68.

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 E5. 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. The top of the platform of machinery and/or equipment servicing the building is [] ft. (m) [] in. (cm) [] above or [] below (check one) the highest adjacent grade. (Use natural grade, if available.)
 E5. 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
 John Amidon, Phoenix Scottish Rite

ADDRESS 77 East Columbus Avenue	CITY Phoenix	STATE Arizona	ZIP CODE 85012
SIGNATURE	DATE	TELEPHONE (602) 212-1075	

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.

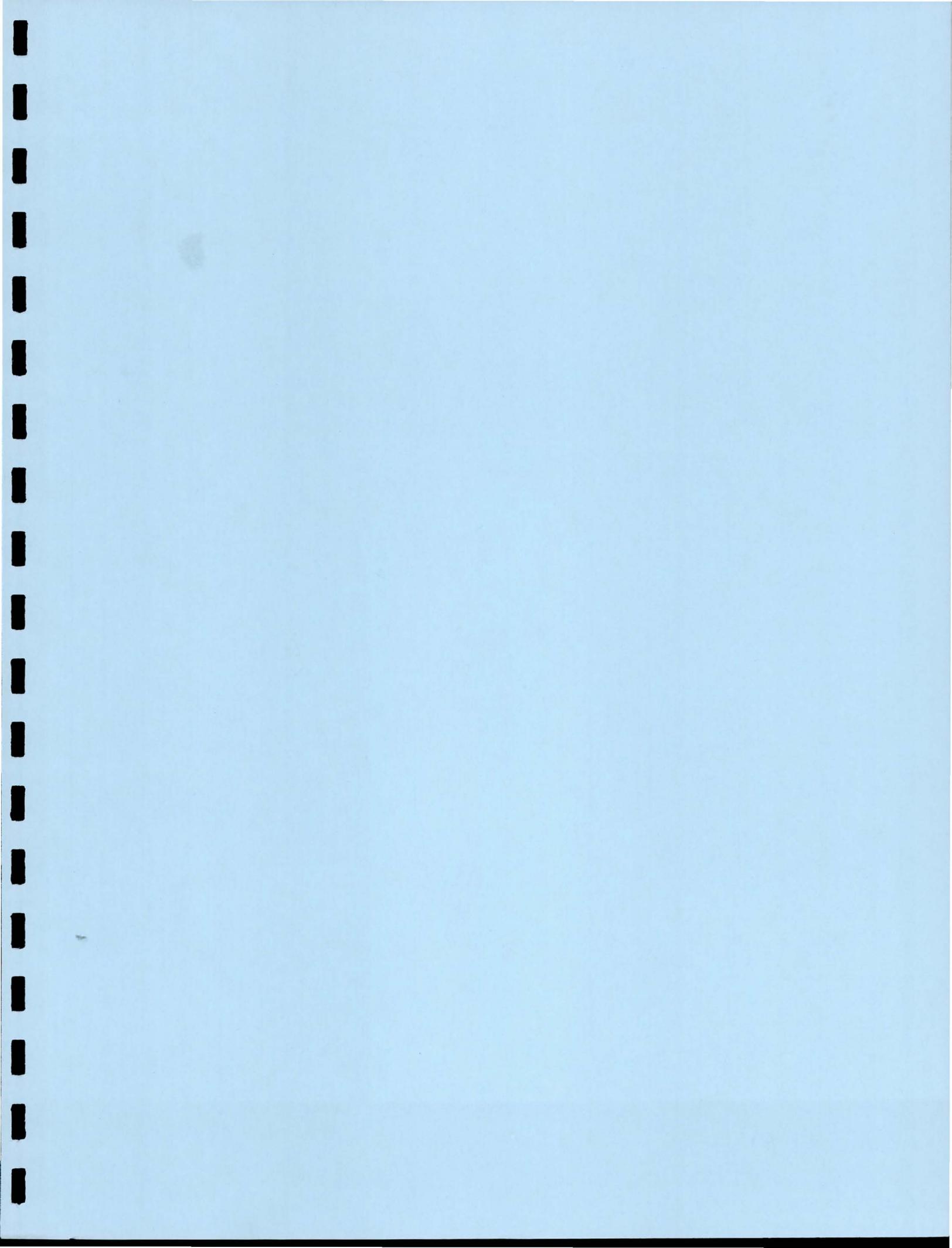
- G1. The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)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

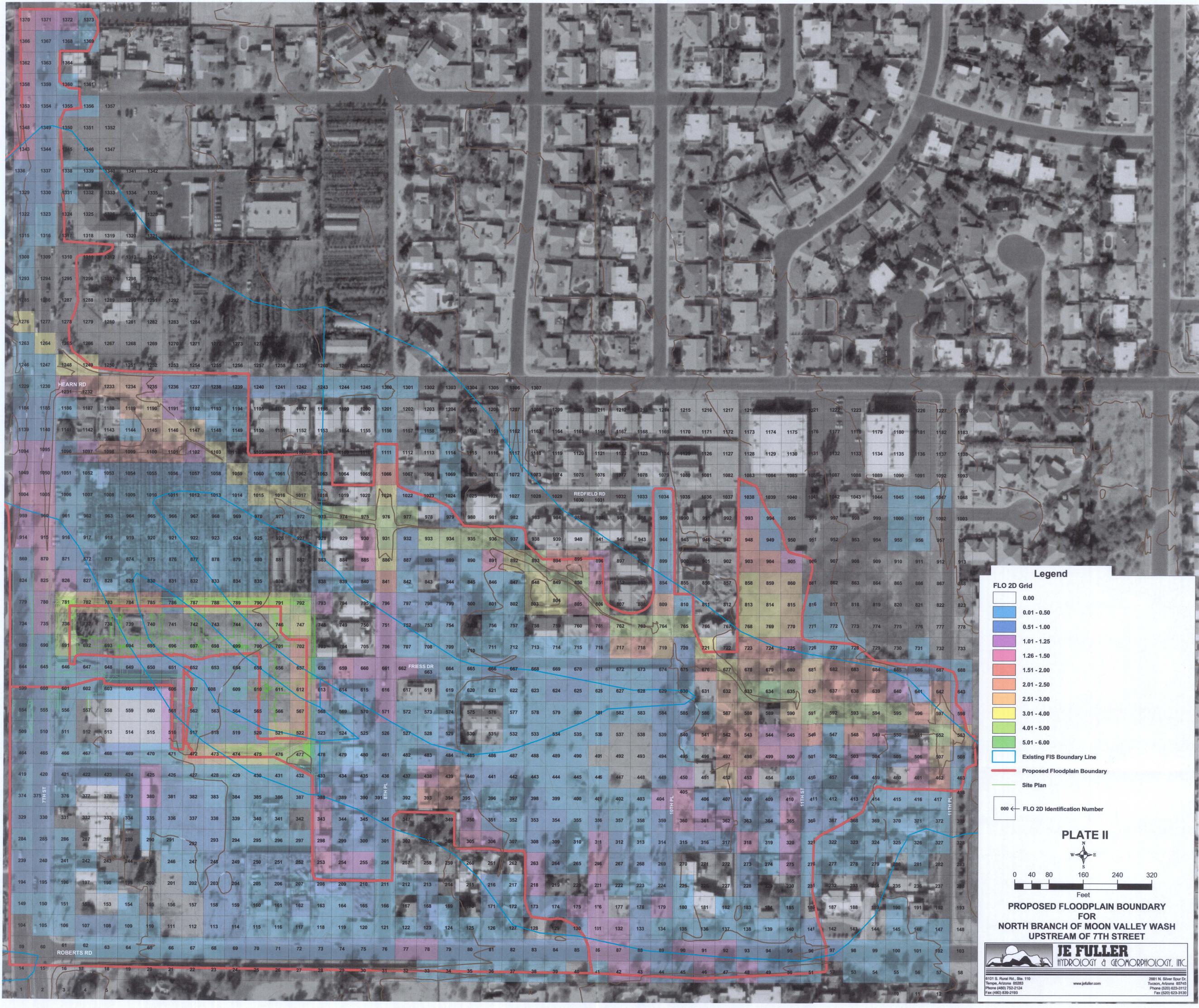
G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
-------------------	------------------------	---

- 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





Legend

FLO 2D Grid

- 0.00
- 0.01 - 0.50
- 0.51 - 1.00
- 1.01 - 1.25
- 1.26 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00

Existing FIS Boundary Line

Proposed Floodplain Boundary

Site Plan

000 ← FLO 2D Identification Number

PLATE II

0 40 80 160 240 320

Feet

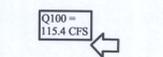
PROPOSED FLOODPLAIN BOUNDARY FOR NORTH BRANCH OF MOON VALLEY WASH UPSTREAM OF 7TH STREET

JE FULLER
HYDROLOGY & GEOMORPHOLOGY, INC.

8101 S. Rural Rd., Ste. 110
Tucson, Arizona 85745
Phone (602) 752-2124
Fax (480) 859-2193

2881 N. Silver Spur Dr.
Tucson, Arizona 85745
Phone (602) 623-3112
Fax (602) 623-3130

LEGEND

-  GRID ELEMENT BOUNDARY
-  GRID ELEMENT NUMBER
-  GROUND ELEVATION
-  BASE FLOOD ELEVATION
-  AVERAGE BASE FLOOD ELEVATION
-  LOCATION AND MAGNITUDE OF DISCHARGE LEAVING GRID
-  EXISTING FIS BOUNDARY LINE
-  PROPOSED FLOODPLAIN BOUNDARY LINE
-  ZONE AE
-  MVCC PROJECT BOUNDARIES

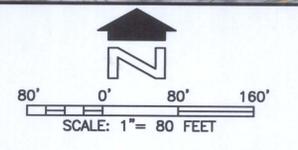
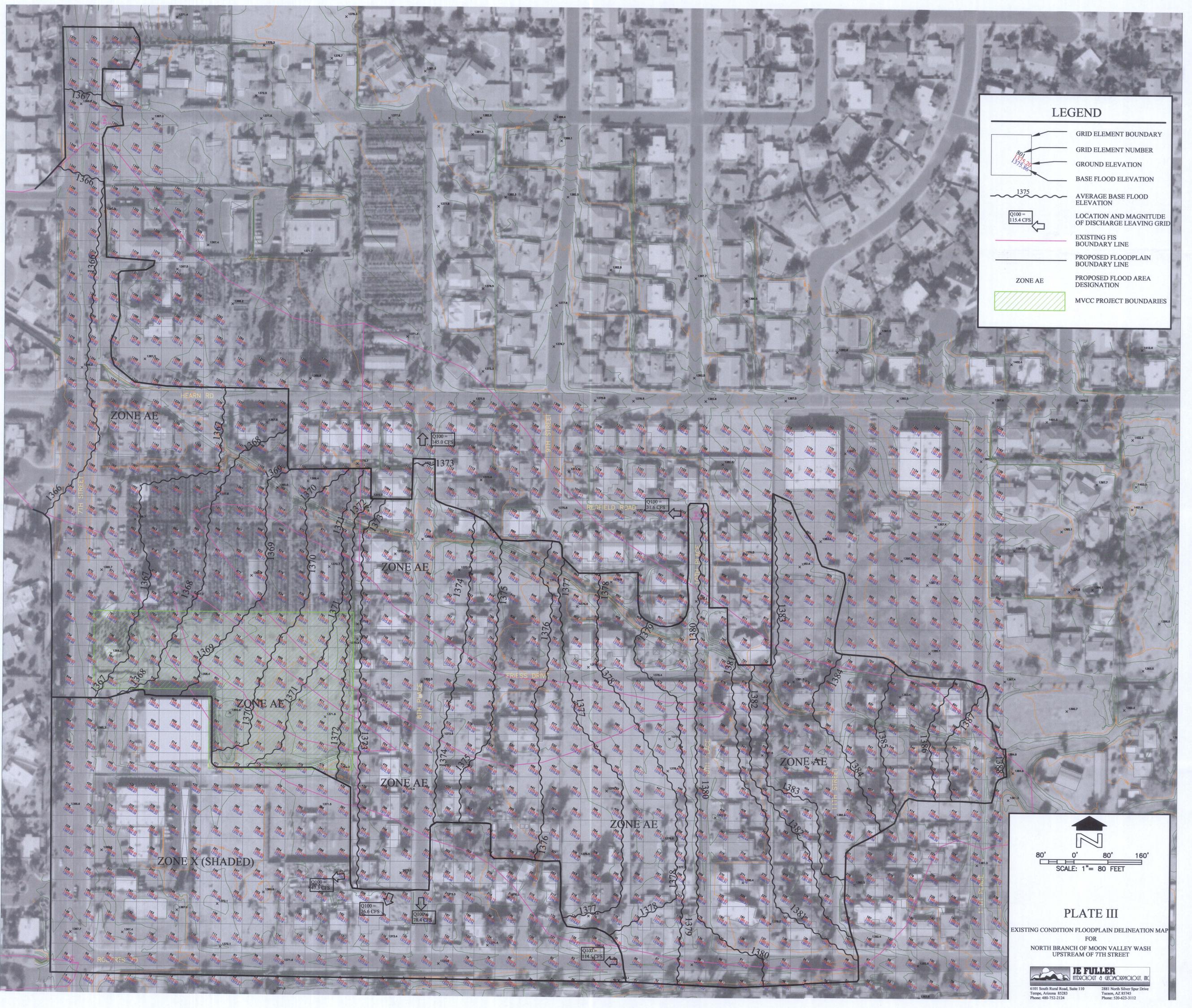


PLATE III
 EXISTING CONDITION FLOODPLAIN DELINEATION MAP
 FOR
 NORTH BRANCH OF MOON VALLEY WASH
 UPSTREAM OF 7TH STREET

JE FULLER
 HYDROLOGIST & GEOMORPHOLOGIST, INC.
 6101 South Rural Road, Suite 110 Tempe, Arizona 85283 Phone: 480-752-2124
 2881 North Silver Spur Drive Tucson, AZ 85745 Phone: 520-623-3112

LEGEND

-  GRID ELEMENT BOUNDARY
-  GRID ELEMENT NUMBER
-  GROUND ELEVATION
-  BASE FLOOD ELEVATION
-  AVERAGE BASE FLOOD ELEVATION
-  LOCATION AND MAGNITUDE OF DISCHARGE LEAVING GRID
-  EXISTING FIS BOUNDARY LINE
-  PROPOSED FLOODPLAIN BOUNDARY LINE
-  ZONE AE PROPOSED FLOOD AREA DESIGNATION

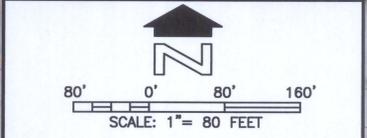
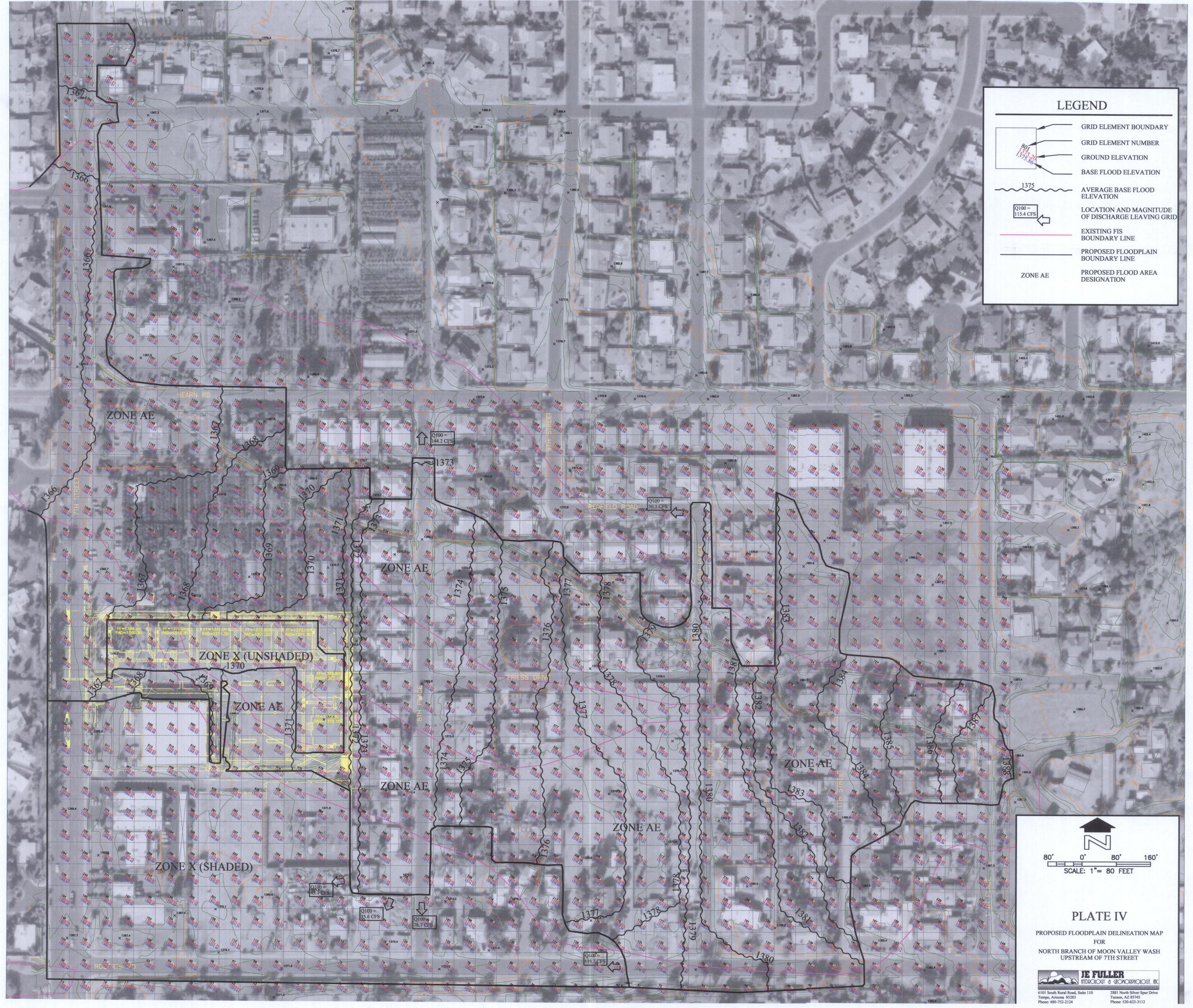


PLATE IV
 PROPOSED FLOODPLAIN DELINEATION MAP
 FOR
 NORTH BRANCH OF MOON VALLEY WASH
 UPSTREAM OF 7TH STREET