

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
 Expires February 28, 2009

Important: Read the instructions on pages 1-8.

Appr.  
 5.5.09  
 HR

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## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <b>Walker, Vernon</b>		For Insurance Company Use:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>1820 W. Rudasill Rd.</b>		Policy Number	
City <b>Tucson</b> State <b>AZ</b> ZIP Code <b>85704</b>		Company NAIC Number	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>Tax Code 102-11-1150 Township 13 Range 13 Section 10 Lot 115 Oracle Foothills Estates No. 6</b>			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <b>Residential: Addition (enclosed Porch and Garage Conversion)</b>			
A5. Latitude/Longitude: Lat. <b>32.315920</b> Long. <b>-111.004144</b>		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 <b>1</b>			
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) <b>NA</b> sq ft	a) Square footage of attached garage <b>NA</b> sq ft		
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <b>NA</b>	b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade <b>NA</b>		
c) Total net area of flood openings in A8.b <b>NA</b> sq in	c) Total net area of flood openings in A9.b <b>NA</b> sq in		

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

B1. NFIP Community Name & Community Number <b>Pima County / 040073</b>		B2. County Name <b>Pima County</b>		B3. State <b>AZ</b>	
B4. Map/Panel Number <b>04019C 1610</b>	B5. Suffix <b>K</b>	B6. FIRM Index Date <b>2/8/99</b>	B7. FIRM Panel Effective/Revised Date <b>2/8/99 / 4/10/01</b>	B8. Flood Zone(s) <b>A</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>2336.86</b>
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 type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other (Describe) <b>Arroyo Engineering Report Oct. 2008</b>					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" 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 <b>N/A</b> <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, 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 **Geodetic Contrl Pnt AG15 (Rudasill/Montabella)** Vertical Datum **NAVD-1988** **NGVD-1929** **gmt 5.5.09**  
 Conversion/Comments **Vertcon conversion: Elev (88 datum) = Elev (29 datum) + 2.231 ft**

Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<b>2338.80</b> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<b>2338.80</b> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<b>NA</b> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<b>NA</b> <input checked="" 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)	<b>2340.30</b> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG) <b>gmt 2338.13</b>	<b>2334.33</b> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG) <b>gmt 2338.63</b>	<b>2335.09</b> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)

When B.9 is a depth above grade, it is required to indicate highest and lowest. (APUR) (see Section D Comments)

## SECTION D - SURVEYOR, ENGINEER, 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 <b>Justin M. Turner PE</b>		License Number <b>PE(Civil) #15293 Exp 9/30/10</b>	
Title <b>Principal</b>	Company Name <b>Arroyo Engineering LLC</b>		
Address <b>5675 North Oracle Road</b>	City <b>Tucson</b>	State <b>AZ</b>	ZIP Code <b>85704</b>
Signature <b>Justin M. Turner</b>	Date <b>05/05/09</b>	Telephone <b>520-882-0206 x14</b>	



<b>IMPORTANT: In these spaces, copy the corresponding 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. <b>1820 W. Rudasill Rd.</b>			Policy Number
City <b>Tucson</b>	State <b>AZ</b>	ZIP Code <b>85704</b>	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 **The lowest service equipment (C3.e) are the 110 V electrical outlets, 18" above floor are above this elevation.**

Highest adjacent natural grade is 2335.09 ft NAVD-1988

Lowest adjacent natural grade is 2334.33 ft NAVD-1988

Signature *[Handwritten Signature]* Date **5.5.09**  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, enclosure) is \_\_\_\_\_ feet \_\_\_\_\_ meters  above or  below the HAG.
  - b) Top of bottom floor (including basement, crawl space, enclosure) is \_\_\_\_\_ feet \_\_\_\_\_ meters  above or  below the LAG.
- E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 3 and 9 (see page 8 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ feet \_\_\_\_\_ meter  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_ feet \_\_\_\_\_ meter  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 **N/A**

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 <b>FPUP# 08-474</b>	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: \_\_\_\_\_ 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

FPUP# 08-474

### Building Photographs(Four Color Photographs Required)

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>1820 W. Rudasill Rd.</b>			For Insurance Company Use: Policy Number
City <b>Tucson</b>	State <b>AZ</b>	ZIP Code <b>85704</b>	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least Four 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.

See attached photo on pg. 5 of 7.

FPUP# 08-474

# Building Photographs

Continuation Page

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>1820 W. Rudasill Rd.</b>			For Insurance Company Use: Policy Number
City <b>Tucson</b>	State <b>AZ</b>	ZIP Code <b>85704</b>	Company NAIC Number

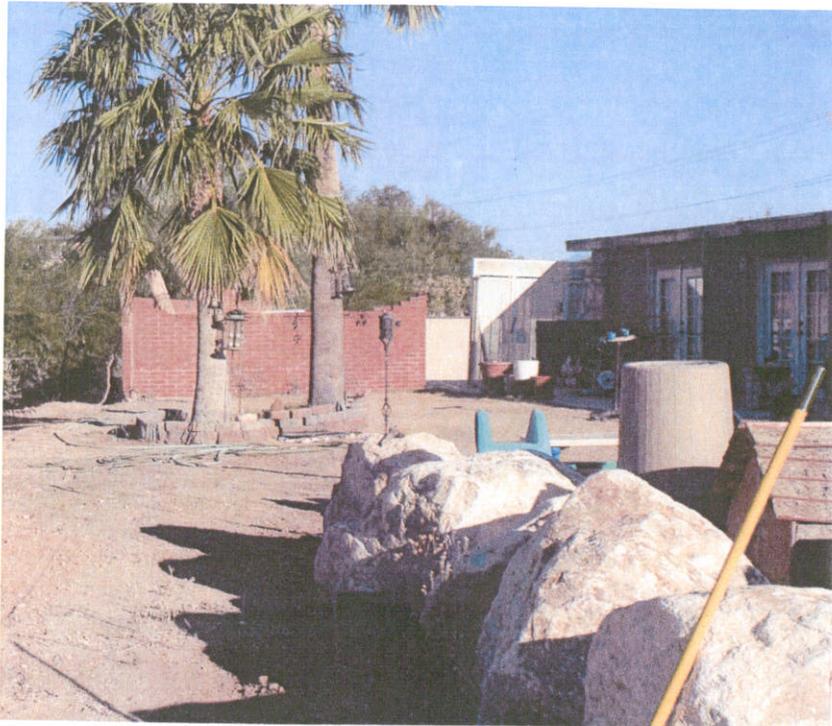
If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."

See photo on page ~~4~~ 5 of 7.

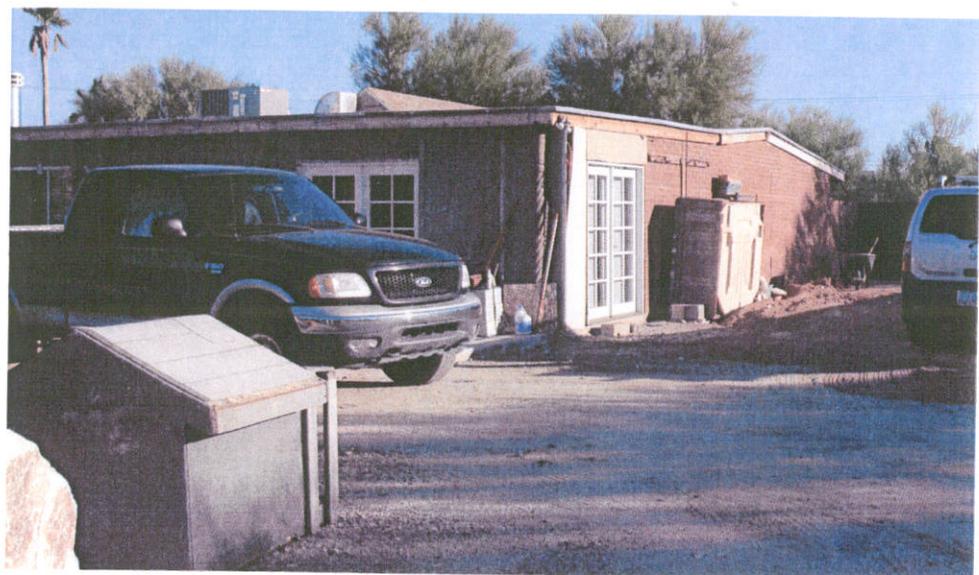
FPUP-08-474  
Vernon Walker residence  
1820 W. Rudasill Road

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View of new enclosed porch



Another View of new enclosed porch





SQUARE FOOTAGE	
EXISTING LIVING AREA	3,010 SQ. FT.
NEW LIVING AREA	636 SQ. FT.
TOTAL LIVING AREA	3,646 SQ. FT.
GARAGE	1,792 SQ. FT.
PATIO	1,828 SQ. FT.
TOTAL UNDER ROOF	7,268 SQ. FT.

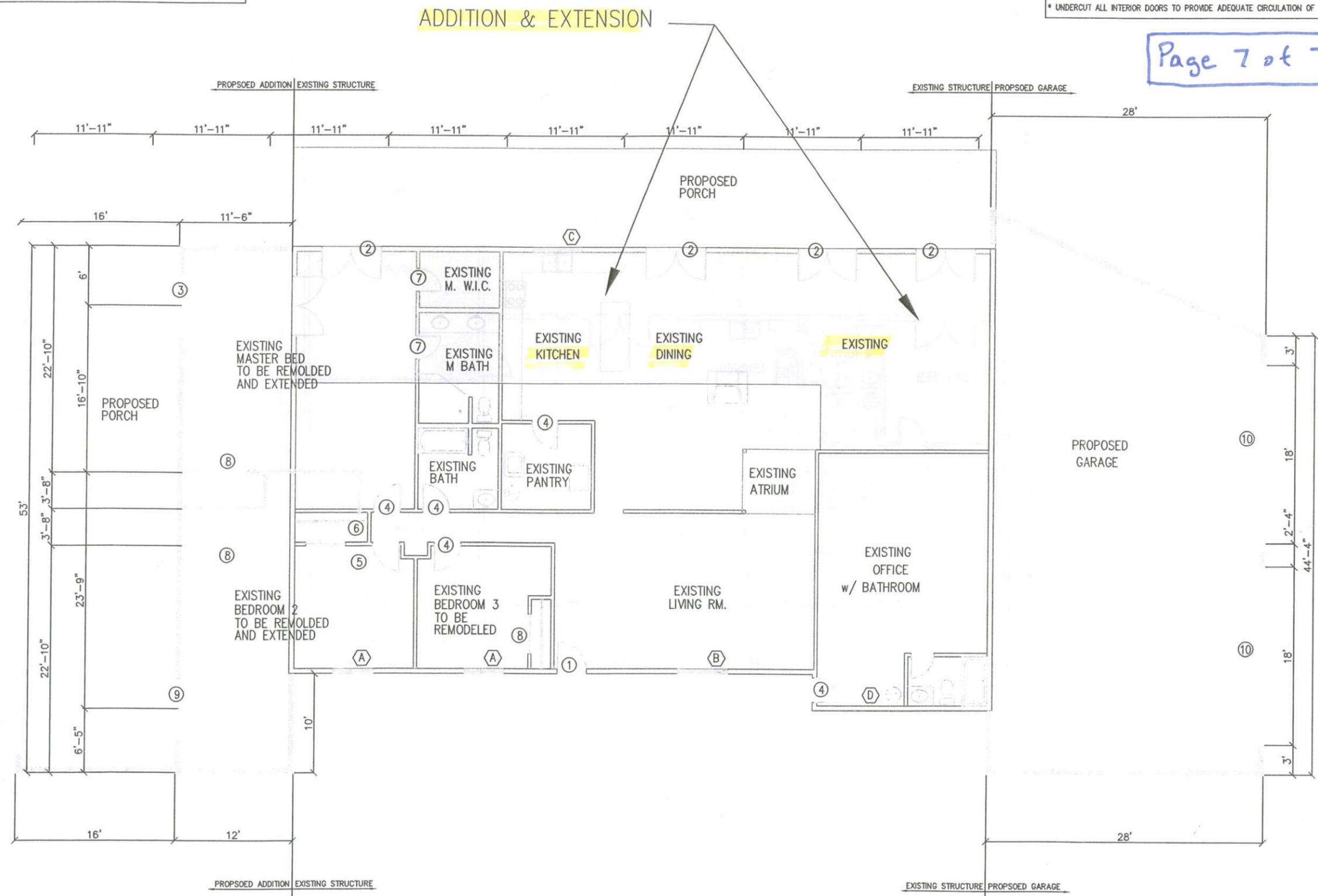
WINDOW SCHEDULE					
NO.	SIZE & TYPE	REMARKS	NO.	SIZE & TYPE	REMARKS
A 2	4040 EXIST	w/ ARCH TOP	C 1	5030 EXIST	w/ ARCH TOP
B 1	5040 EXIST	w/ ARCH TOP	D 1	5040 NEW	w/ ARCH TOP

\* ALL WINDOWS TO BE DOUBLE GLAZED, ALUM. FRAME "BETTERBILT" REGAL VIEW ULTRA  
 \* ALL WINDOWS MUST COMPLY W/ SECTION R613 OF THE 2006 I.R.C.

DOOR SCHEDULE					
NO.	SIZE & TYPE	REMARKS	NO.	SIZE & TYPE	REMARKS
1 1	3680	EXISTING TO REMAIN	6 1	2868	NEW
2 4	3068 FRENCH	EXISTING TO REMAIN	7 2	2668	EXISTING TO REMAIN
3 1	3068 FRENCH	EXISTING TO BE RELOCATED	8 1	4068	BY-PASS
4 4	2868	EXISTING TO REMAIN	9 4	3068 FRENCH	NEW
5 1	2868	EXISTING TO BE RELOCATED	10 4	1870 MTL.	NEW

\* UNDERCUT ALL INTERIOR DOORS TO PROVIDE ADEQUATE CIRCULATION OF RETURN AIR.

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REVISIONS:	BY:

ADDITION  
FLOOR PLAN

HOME OWNER  
WALKER RESIDENCE  
1820 W. RUDASIL RD.  
TUCSON, ARIZONA  
85704  
520-628-8281  
PARCEL 102-11-1150

DRAFTING COMPANY

INDEPENDENT  
DRAFTING & DESIGN

TUCSON, ARIZONA  
520-235-3673

DRAWN:  
D. CLEMONS  
CHECKED:  
D. CLEMONS  
DATE:  
04/21/08  
SCALE:  
1/4" = 1'-0"  
JOB NO.:  
00-000  
SHEET  
5