FPUP# 09-005E P0 9 CP 00040

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

ELEVATION CERTIFICATE

HR 2-18-09 SB

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name: Gene Jacob

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 18057 W. Lickskillet Ln.

City: Marana State: AZ ZIP Code: 85763

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.): Tax Code 208-25-122J Township 12S Range 10E Section 17

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): Non-Residential (Detached Garage)

A5. Latitude/Longitude: Lat. 32.379768 Long. -111.354895 Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

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

A7. Building Diagram Number 1

A8. For a building with a crawl space or enclosure(s), provide:
a) Square footage of crawl space or enclosure(s) 720 sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade 2
c) Total net area of flood openings in A8.b 132 sq in

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

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
Pima County / 040073	Pima County	AZ

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
04019C 0965	K	2/8/99	02-08-1999	X	2.0

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

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☒ Other (Describe) Highest Adjacent Natural Grade

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

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

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

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-g below according to the building diagram specified in Item A7.
Benchmark Utilized FINISH GARAGE SLAB Vertical Datum Assume 100.00
Conversion/Comments

Check the measurement used.

a)	Top of bottom floor (including basement, crawl space, or enclosure floor)	100.0	☒ feet	☐ meters (Puerto Rico only)
b)	Top of the next higher floor	NA	☒ feet	☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	NA	☒ feet	☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	NA	☒ feet	☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	NA	☒ feet	☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade (LAG)	98.60	☒ feet	☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade (HAG)	99.18	☒ feet	☐ meters (Puerto Rico only)

When B.9 is a depth above grade, it is required to indicate highest and lowest NATURAL grade in 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: JEFF ANDERSON License Number: RLS 21751
Title: Owner Company Name: (a²) LAND SURVEYS
Address: 205 S. Vozack Ln City: Tucson State: AZ ZIP Code: 85748
Signature: [signature] Date: 2/17/09 Telephone: 520-296-9083

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 21751
JEFF MARK ANDERSON
DATE SIGNED 2/17/09
ARIZONA U.S.A.

FEMA Form 81-31, February 2006

See reverse side for continuation.

Replaces all previous editions

FPUP# 09-005E P0 9 CP 00040

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. 18057 W. Lickskillet Ln.	Policy Number
City Marana / State AZ / ZIP Code 85763	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) is the _____ and the _____ is/are above this elevation.

Highest adjacent natural grade is 99.18 Lowest adjacent natural grade is 98.60

Signature Date

☐ 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.

N/A

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

N/A

☐ 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	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
FPUP# 09-005E		

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

Lickskillet

EACH OPENING

1.20 × 0.55 = 66 Sq. INCHES

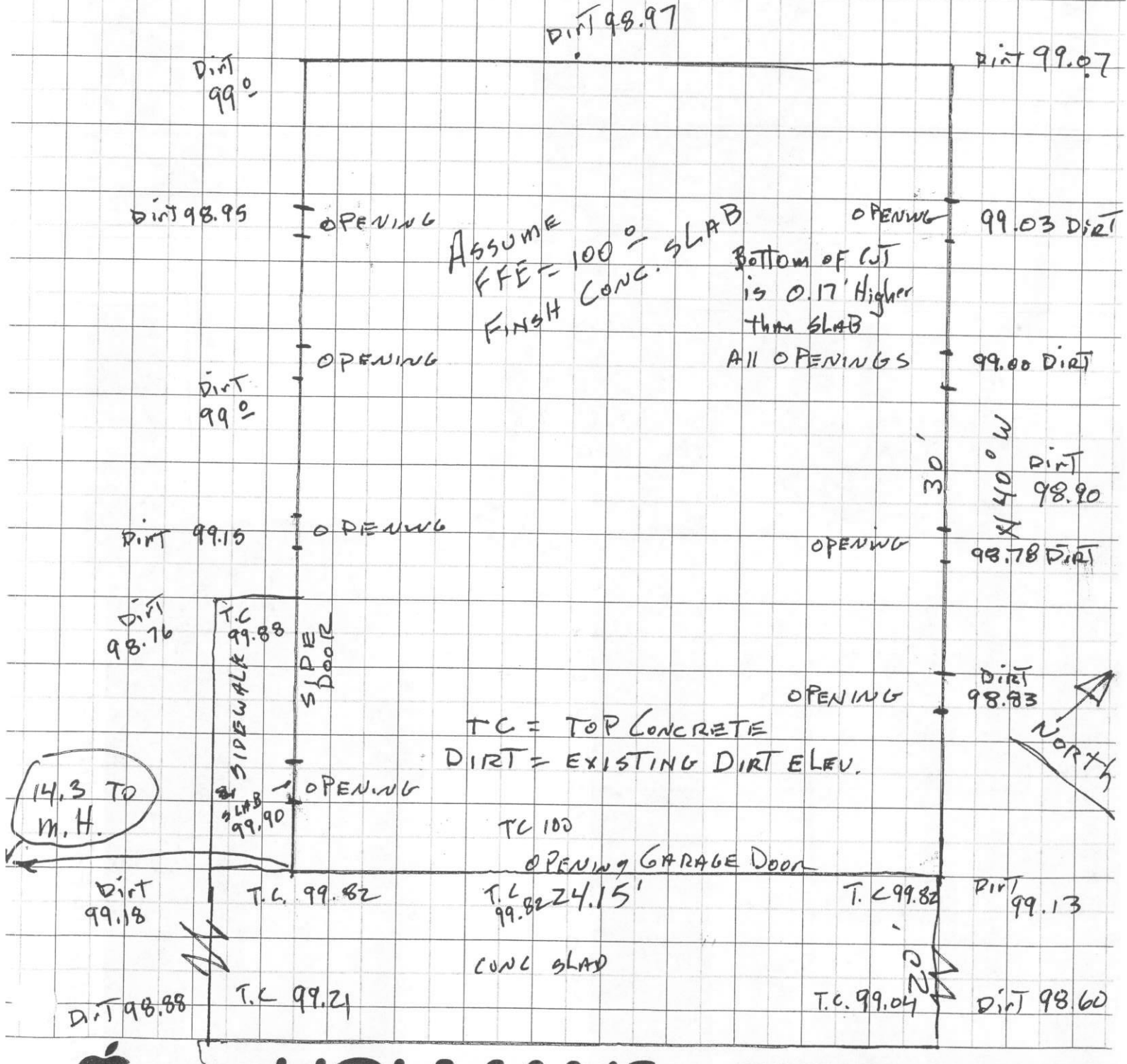
8 openings

X 8 = 5.28 sq FT

X 144 = 760 sq IN

Need 720 sq in

1" = 5' SCALE



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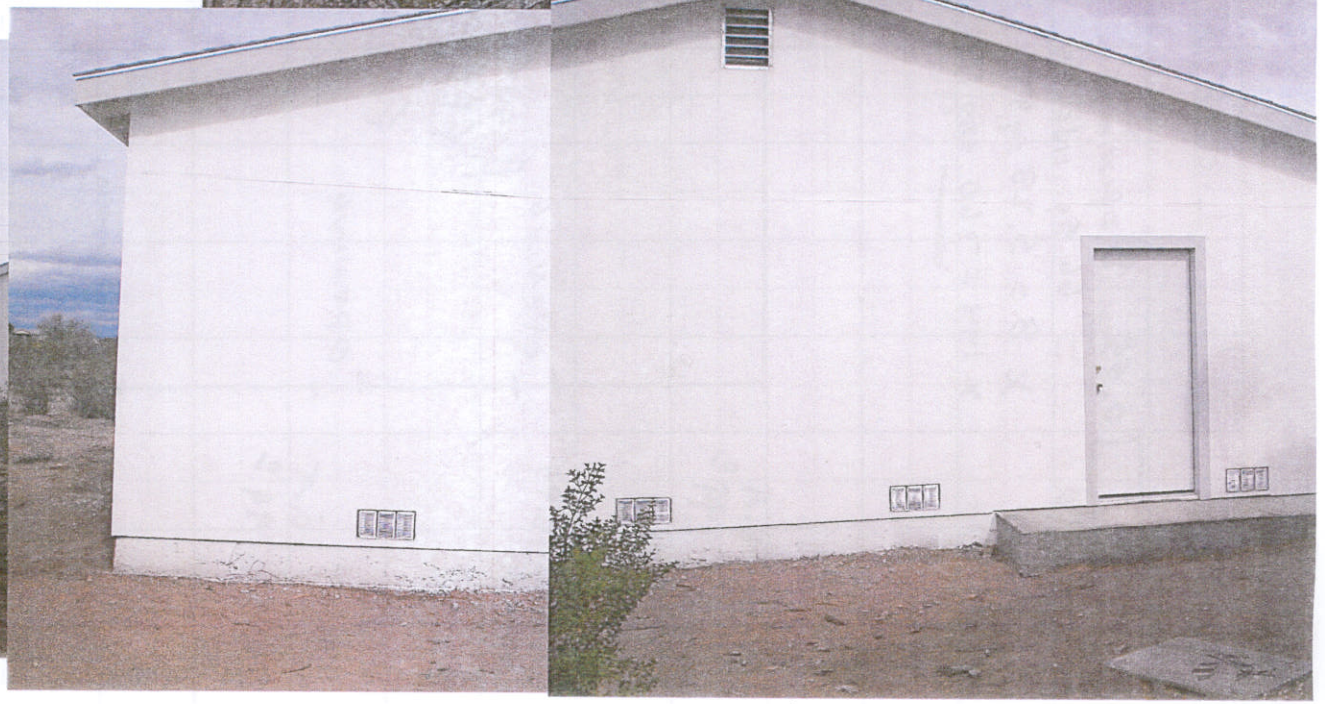
SOUTH EAST VIEW

NE VIEW

NORTH WEST VIEW



South West View

EXHIBIT A of
Floodplain Use Permit
Application No. 08-255E
approved subject to
permit conditions
by [signature]
date December 31, 2008

THE REGULATORY FLOOD ELEVATION FOR
THIS ACTIVITY IS 1.5 FT. above HWNG

ALL SERVICE EQUIPMENT (ELECTRICAL EQUIPMENT, HEATING, COOLING, WELL PUMPS, POOL EQUIP.) MUST BE ELEVATED AT / ABOVE (PER REGULATION) FLOOD ELEVATION (RFE) IS 2.5 FT above HWNG (OR BE ADEQUATELY FLOODPROOFED)

detached
The FFE of the Garage will be below the Regulatory Flood Elevation (RFE) of 2.5' and the walls of this structure will be flood-vented within 1 foot of grade with a total area of 1200 square inches of venting at the locations shown and constructed of flood-proof materials up to the RFE. Service equipment will be elevated at or above the RFE

Initials: _____ Date: _____

P2S COMPLETED ELEVATION CERTIFICATE FOR BUILDING UNDER CONSTRUCTION TO BE RETURNED TO THE FLOOD CONTROL DISTRICT PRIOR TO THE 1010/1015 INSPECTION (P2S)

P2F COMPLETED ELEVATION CERTIFICATE FOR FINISHED CONSTRUCTION TO BE RETURNED TO FLOOD CONTROL DISTRICT PRIOR TO FINAL INSPECTION (P2F)

Permittee acknowledges that the entire parcel is located in mapped Class C XeroRiparian Habitat. Disturbance of one third of one acre, 14,550 square feet, or more of this habitat will require a Floodplain Use Permit and a Habitat Mitigation Plan.

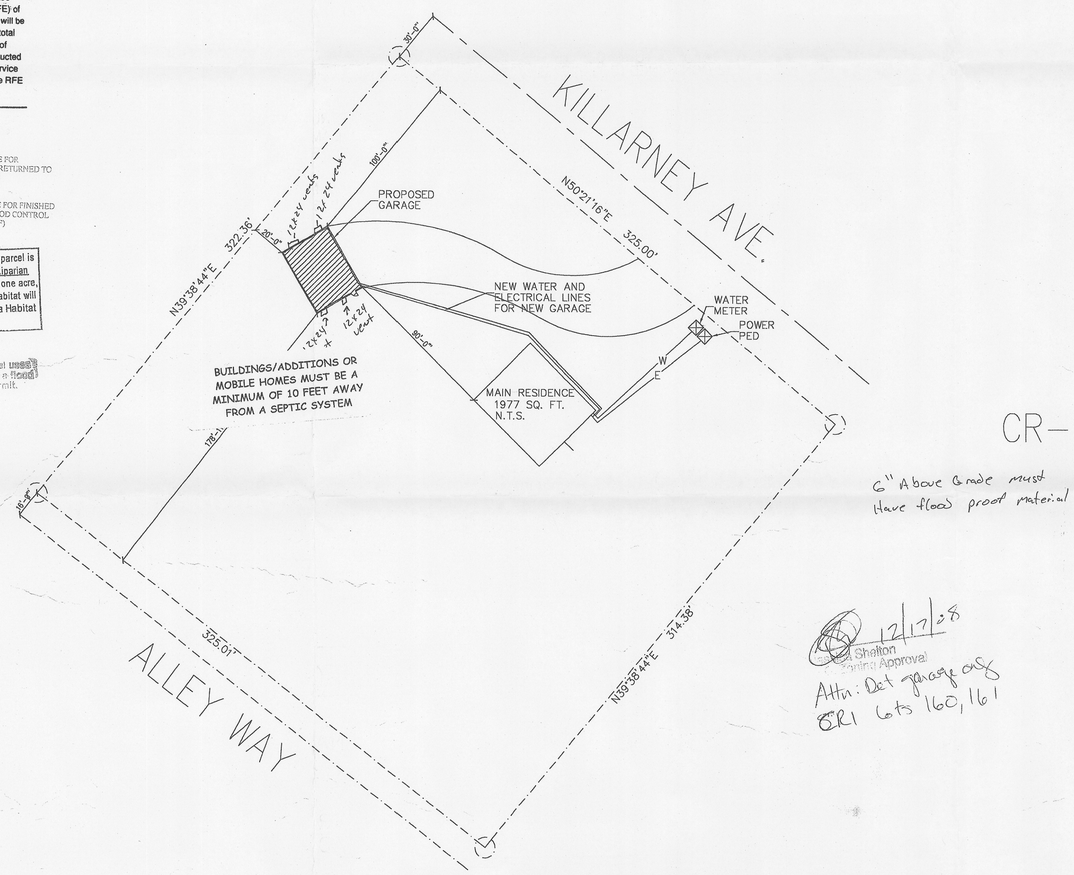
Any additional uses shall require a flood plain use permit.

CR-1

DRIVE TO BE CONSTRUCTED AT GRADE ONLY. NO CULVERT CROSSINGS WITHOUT REVIEW/APPROVAL BY FLOODPLAIN MGT.

Any additional uses shall require a flood plain use permit.

CR-1



CR-1

6" Above Grade must Have flood proof material

12/17/08
Shelton
Zoning Approval
Attn: Det garage ok's
BRI Lots 160, 161

CR-1

SITE PLAN
1" = 40.0'

SITE PLAN NOTES: PIMA COUNTY

1. 0000.00' IS EQUAL TO 100 FT., AND IS MAIN FINISHED FLOOR ELEVATION.
2. ALL FOOTINGS SHALL EXTENDS 12" MIN. INTO NATURAL GRADE FOR SINGLE STORY ALL FILL TO BE 95% COMPACTED.
3. CONTRACTOR SHALL VERIFY LOCATIONS ARE APPROXIMATES.
4. SLOPE ALL FINISHED GRADES AWAY FROM BUILDING.
5. PROVIDE RIPRAP AT ALL SLOPES GREATER THAN 3' TO 1'. 50 % ROCK, 50% PLANTS.
6. ALL NATURAL VEGETATION MUST BE PRESERVED EXCEPT THAT WHICH IS CONTAINED DIRECTLY WITHIN THE BUILDING AREA ALTERATION TO THE EXISTING LANDSCAPE SHALL BE PERMITTED ONLY IN THE BUILDING ENVELOPE.
7. ANY FUTURE CONSTRUCTION INCLUDING PATIO WALLS AND LANDSCAPE ALTERATIONS MUST BE CONTAINED COMPLETELY WITHIN BUILDING ENVELOPE AND IS SUBJECT TO APPROVAL.
8. REPAIR ALL DAMAGE TO SITE CAUSED BY CONSTRUCTION:
   A.) REPAIR ALL GRADING AND EXCAVATION DAMAGE.
   B.) RESTORE ALL VEGETATION DESTROYED OUTSIDE. IMMEDIATE BUILDING PAD.
   C.) REPLANT USING NATIVE PLANT MATERIALS NATIVE TO THIS SPECIFIC SITE.
   D.) RIPRAP OR OTHERWISE PROTECT EXPOSED SLOPES: I.E. 50 % ROCK 50% PLANT.
9. PAINT OR COATING FINISH REQUIRED FORE THE FOLLOWING:
   A.) ALL EXPOSED SHEET METAL.
   B.) ALL EXPOSED UTILITY DEVISE (METERS, PIPES, OUTLETS, ETC.).
   C.) ALL BUILT-UP ROOFS (NOT WHITE OR RELECTIVE-SUBMIT COLOR.

INDEX

1. SITE PLAN & TITLE SHEET
2. FOUNDATION & FLOOR PLAN
3. FRAMING & ELEVATION
4. PLUMBING & ELECTRICAL

PROJECT INFORMATION

LEGAL DESCRIPTION
DIAMOND BELL RANCH UNIT 9
LOTS 160 & 161

PARCEL # 301-67-161A

OWNERS INFORMATION
NAME: LEBOUCHER RESIDENCE

PROJECT ADDRESS: 16181 W. KILLARNEY AVE. TUCSON, ARIZONA 85736

LOT COVERAGE

LOT AREA	=	104,233 SQ. FT.
MAIN HOUSE	=	1977 SQ. FT.
DETACTED GARAGE	=	1,200 SQ. FT.
TOTAL USE	=	3177 SQ. FT.
PERCENTAGE	=	.003 %

LEGEND

PROPERTY LINE
MIN. SETBACKS
STREET CENTER LINE
ELECTRIC E
GAS G
SEWER S
WATER W

CR-1 1/5/09

PIMA COUNTY BUILDING CODE DISCLAIMER: APPROVED OR APPROVED AS NOTED

Approval of plans and specifications shall not be construed to be a permit for or an approval of any violation of any of the provisions of the Pima County Building Code.

P08CP02869

REVISIONS: BY:

30' X 40' GARAGE
SITE/GRADING PLAN

HOME OWNER
LEBOUCHER RESIDENCE

16181 W. KILLARNEY AVE.
TUCSON, ARIZONA
85736

PARCEL 301-67-161A

DRAFTING COMPANY

INDEPENDENT DRAFTING& DESIGN

TUCSON, ARIZONA
520-235-3673

DRAWN BY: D.CLEMONS
CHECKED BY: D.CLEMONS
DATE: 12/17/08
SCALE: 1" = 40.0'
JOB NO. 00-000
SHEET 1
OF 4 SHEETS