FPUP# 09-466E P0 9 CP 05089

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

ELEVATION CERTIFICATE

AR 12/8/09

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 **Leonard Boswell**

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
3995 South Desert Storm Trail

City **Tucson** State **AZ** ZIP Code **85735**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Code 212-38-255M Township 14 Range 12 Section 31

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

A5. Latitude/Longitude: Lat. **32.174616** Long. **-111.162904** 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) **2530** sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade **4**
c) Total net area of flood openings in A8.b **768** sq in

750 PKG.

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

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
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 2200	**K**	**2/8/99**	**2/8/99**	**X**	**0.5**

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 4 FT FROM ONE CORNER OF GARAGE (1000) ELEV. Vertical Datum LOCAL
Conversion/Comments N/A

		Check the measurement used.	
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	99.92	☒ feet	☐ meters (Puerto Rico only)
b) Top of the next higher floor	N/A	☒ feet	☐ meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	☒ feet	☐ meters (Puerto Rico only)
d) Attached garage (top of slab)	N/A	☒ feet	☐ meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	N/A	☒ feet	☐ meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	98.92	☒ feet	☐ meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	99.93	☒ 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.

PAUL NZOMO, P.E — 33446
Certifier's Name — License Number

PRINCIPAL — CORONADO ENG.
Title — Company Name

4007 E. PARADISE FALLS DR #125, TU, AZ 85712
Address — City — State — ZIP Code

Paul — 12/8/09 — 520-622-6041
Signature — Date — Telephone

Registered Professional Engineer (Civil) CERTIFICATE NO. 33446 PAUL ILONZO NZOMO Date Signed 12/8/09 ARIZONA U.S.A.

EXP. 3/31/11

See reverse side for continuation.

Replaces all previous editions

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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. 3995 South Desert Storm Trail	Policy Number
City Tucson State AZ ZIP Code 85735	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 N/A and the N/A is/are above this elevation.
Highest adjacent natural grade is 99.42 Lowest adjacent natural grade is 98.92

Signature 12/8/09 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# 09-466E		

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

SCALE 1 : 720

50 0 50 100 150

FEET

8x10 Shed

10x15 carport

N

EXHIBIT A
of Floodplain Use Permit Application No. 09-466E
for Detached Garage
approved subject to permit conditions

by [signature] Date 9/23/2009
including Site Plan and: building plans

THE REGULATORY FLOOD ELEVATION FOR THIS ACTIVITY IS 1.5 FT above HANG

ALL SERVICE AND/OR ELECTRICAL EQUIPMENT (HEATING, COOLING, WELL PUMPS, POOL EQUIP) MUST BE ELEVATED AT / ABOVE THE REGULATORY FLOOD ELEVATION (RFE) OF 1.5 ft above HANG OR BE ADEQUATELY FLOODPROOFED.

The FFE of the Detached Garage will be below the Regulatory Flood Elevation (RFE) of 1.5 ft above HANG and the walls of this structure will be flood-vented within 1 foot of grade with a total area of 750 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: [signature] Date: 9.29.09

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

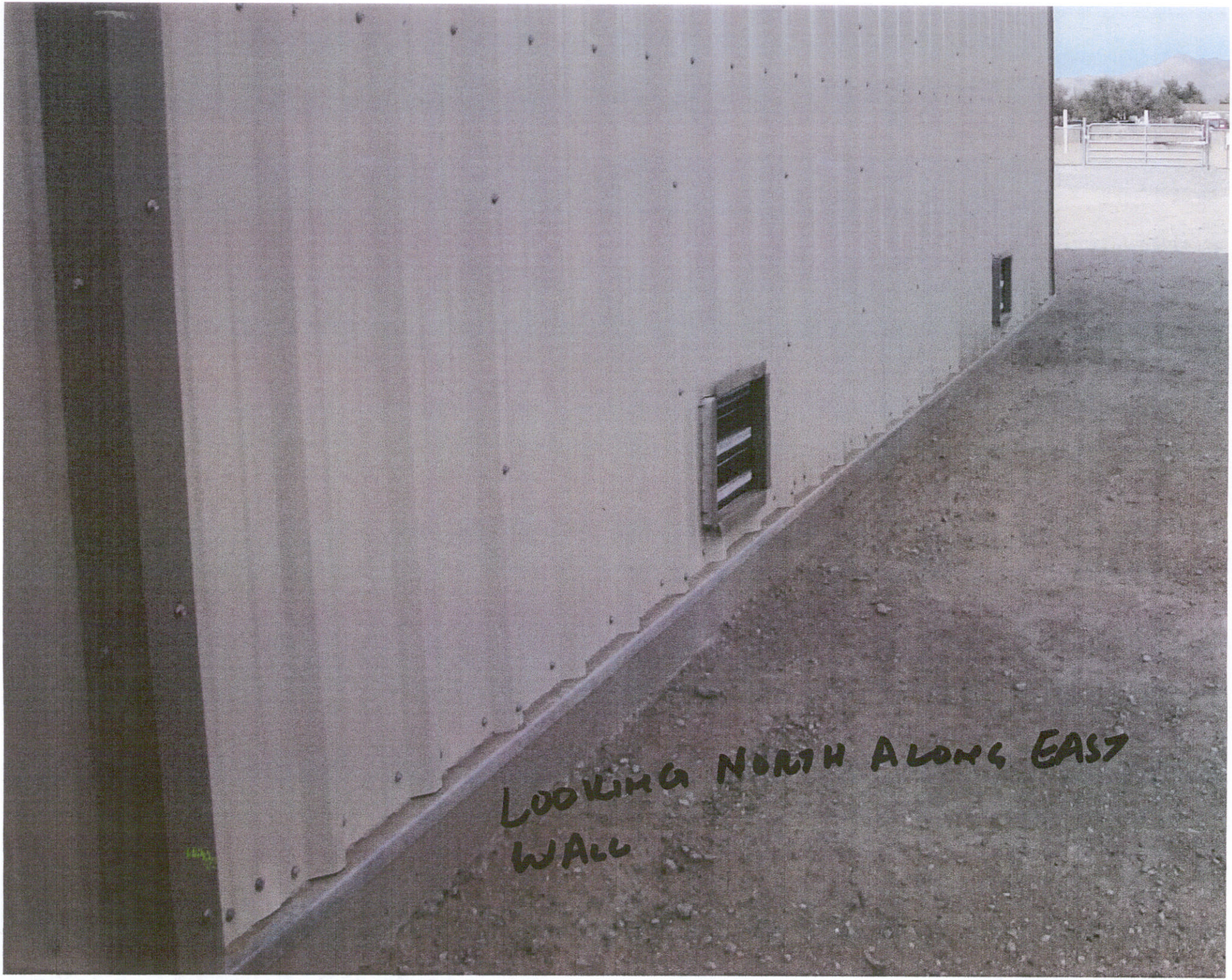
DRIVE TO BE CONSTRUCTED AT GRADE ONLY. NO CULVERT CROSSINGS WITHOUT REVIEW/APPROVAL BY FLOODPLAIN MGT.

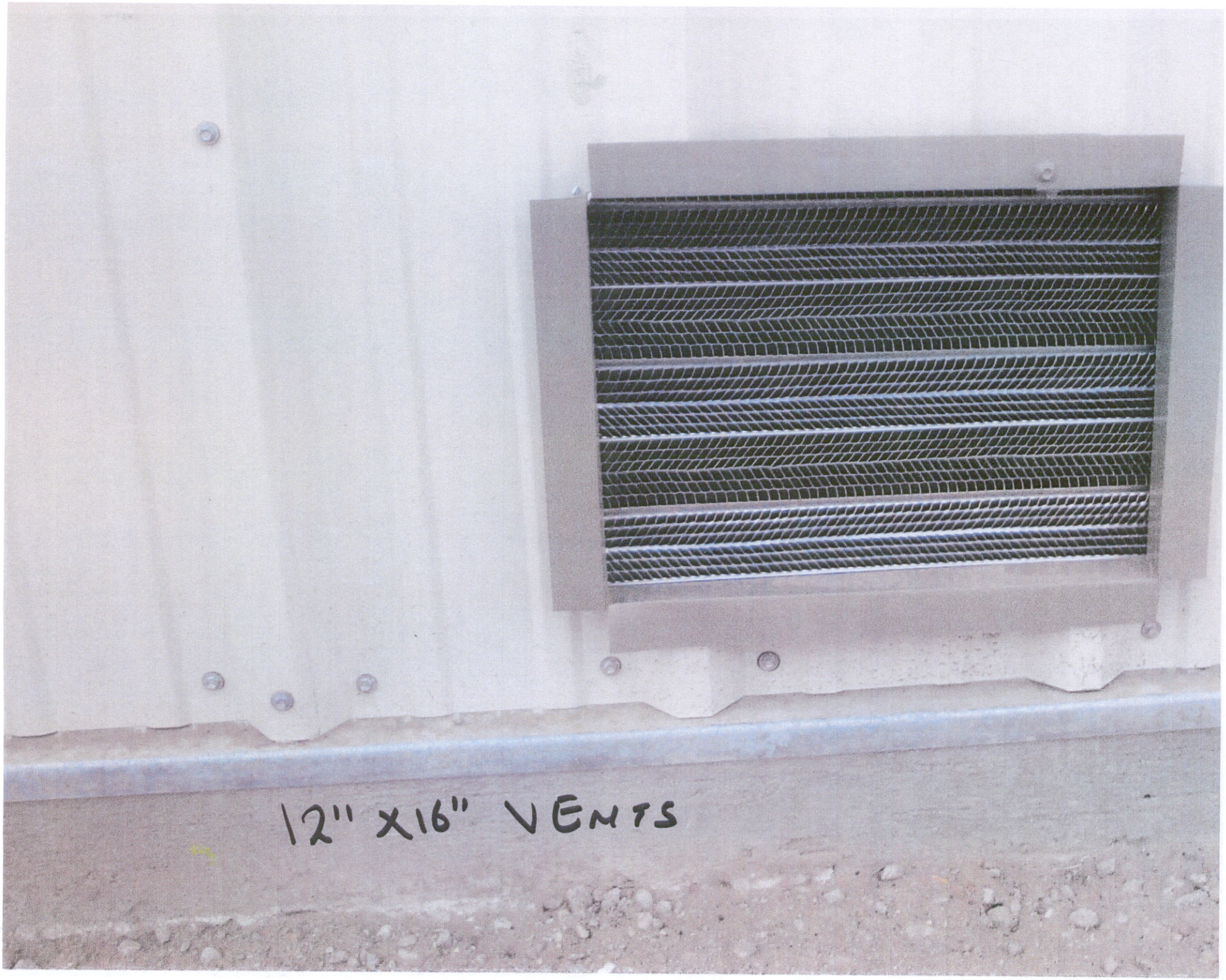
Any a
shall
plain

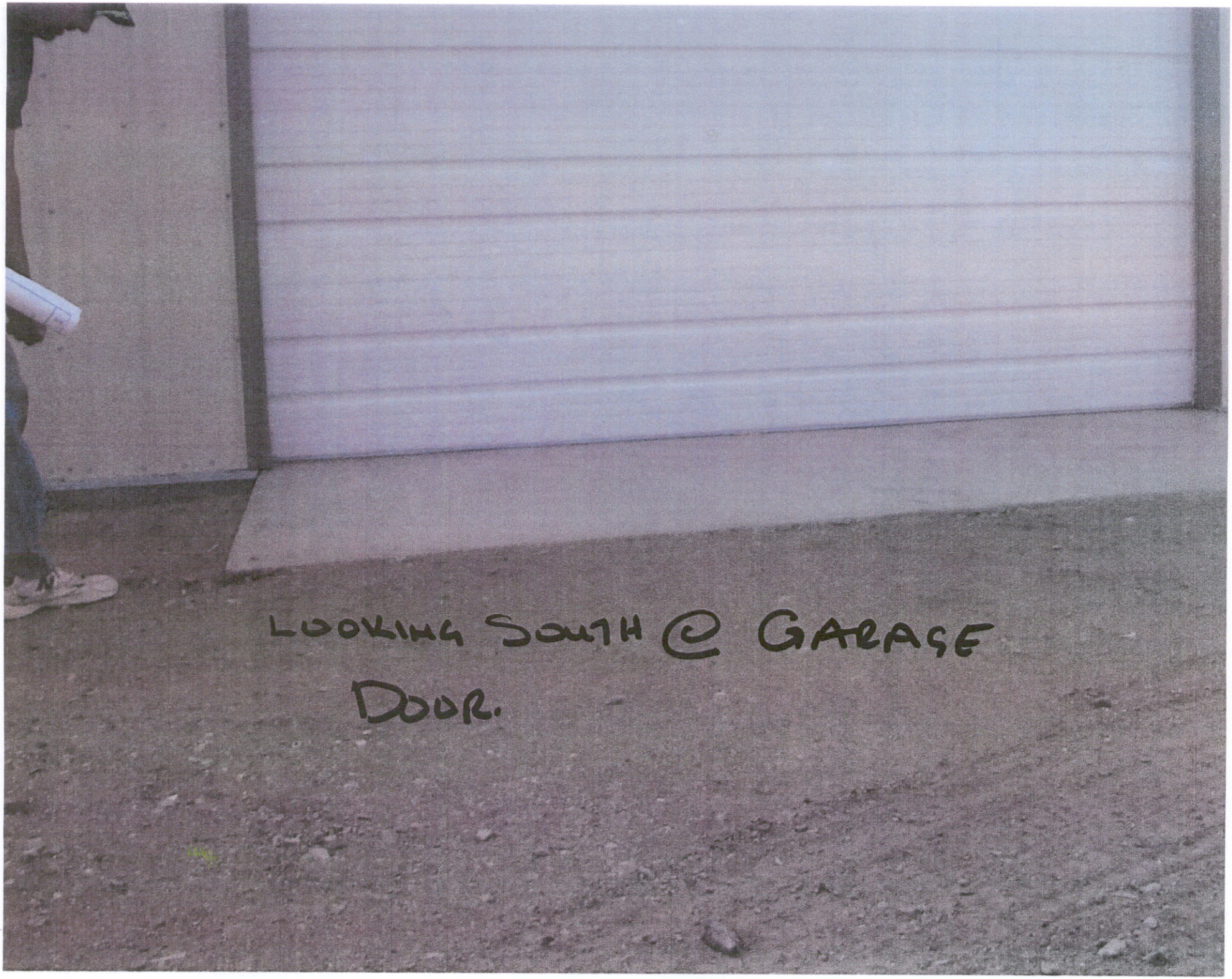
uses
lood

NATURAL DRAINAGE NOT TO BE DISTURBED.

LOOKING WEST ALONG
SOUTH WALL


LOOKING NORTH ALONG EAST
WALL


12" X16" VENTS


LOOKING SOUTH @ GARAGE
DOOR.

Looking West Along
North Wall

LOOKING SOUTH ALONG
THE WEST WALL

LOOKING AT WEST WALL