

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A - PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name <u>EVAN JONKER</u>				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>24855 QUIGLEY CYN RD</u>				Company NAIC Number:	
City <u>NEWHALL</u>		State <u>CA</u>		ZIP Code <u>91321</u>	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>N 1/2, N 1/2, LOT 155, TR 1274, CITY OF SANTA CLARITA, L.A. COUNTY, CA</u>					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>					
A5. Latitude/Longitude: Lat. <u>34.38784</u> Long. <u>118.51737</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983					
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.					
A7. Building Diagram Number <u>9</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>2,951</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>28</u>					
c) Total net area of flood openings in A8.b <u>3,060</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>515</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>2</u>					
c) Total net area of flood openings in A9.b <u>180</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number <u>SANTA CLARITA 060729</u>			B2. County Name <u>LOS ANGELES COUNTY</u>		B3. State <u>CA</u>
B4. Map/Panel Number <u>06037C0820F</u>	B5. Suffix <u>F</u>	B6. FIRM Index Date <u>9/26/08</u>	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s) <u>D & A</u>	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) <u>1285.6 FT</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other/Source: <u>SEE HYDRAULIC CALCS ATTACHED</u>					
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/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

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. <u>24855 QUIGLEY CYN RD</u>			Policy Number:
City <u>NEWHALL</u>	State <u>CA</u>	ZIP Code <u>91321</u>	Company NAIC Number

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–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: VL 1716 NEWHALL QUAD Vertical Datum: 1302.811 FT

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- | | | |
|---|----------------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | <u>1286.82</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor | <u>1289.18</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | <u>N/A</u> | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | <u>1288.82</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building
(Describe type of equipment and location in Comments) | <u>1287.53</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | <u>1287.04</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | <u>1287.55</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | <u>N/A</u> | <input type="checkbox"/> feet <input type="checkbox"/> meters |

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☒ No ☒ Check here if attachments.

Certifier's Name <u>EDWARD L. BOLDEN, JR</u>	License Number <u>RCE 10533</u>
Title <u>PRESIDENT</u>	
Company Name <u>ANDEL ENGINEERING COMPANY</u>	
Address <u>P.O. Box 220428</u>	
City <u>NEWHALL</u>	State <u>CA</u> ZIP Code <u>91322</u>
Signature <u>[Signature]</u>	Date <u>2/11/2021</u> Telephone <u>661-259-1920</u> Ext.



Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

A/C UNIT ON SOUTH SIDE OF HOUSE APPEARS IN PHOTOS 1 & 2.
SECOND A/C UNIT ON NORTH SIDE APPEARS IN PHOTO 3.

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City NEWHALL	State CA	ZIP Code 91321	Company NAIC Number

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, crawlspace, or enclosure) is N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is N/A ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is N/A ☐ 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 or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.

ELÉVATION CERTIFICATE

OMB No. 1660-0008
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IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
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City NEWHALL	State CA	ZIP Code 91321	Company NAIC Number

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–G10. In Puerto Rico only, enter meters.

- 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–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued
<p>G7. This permit has been issued for: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement</p> <p>G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p> <p>G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p> <p>G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p>		

Local Official's Name	Title
Community Name	Telephone
Signature	Date

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2022

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24855 QUIGLEY CYN RD

City
NEWHALL

State
California

ZIP Code
91321

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 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." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption East and South Sides Existing House

Clear Photo One



Photo Two

Photo Two Caption West and South Sides Existing House

Clear Photo Two

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2022

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.
24855 QUIGLEY CYN RD

Policy Number:

City
NEWHALL

State
California

ZIP Code
91321

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." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption North Side Existing House

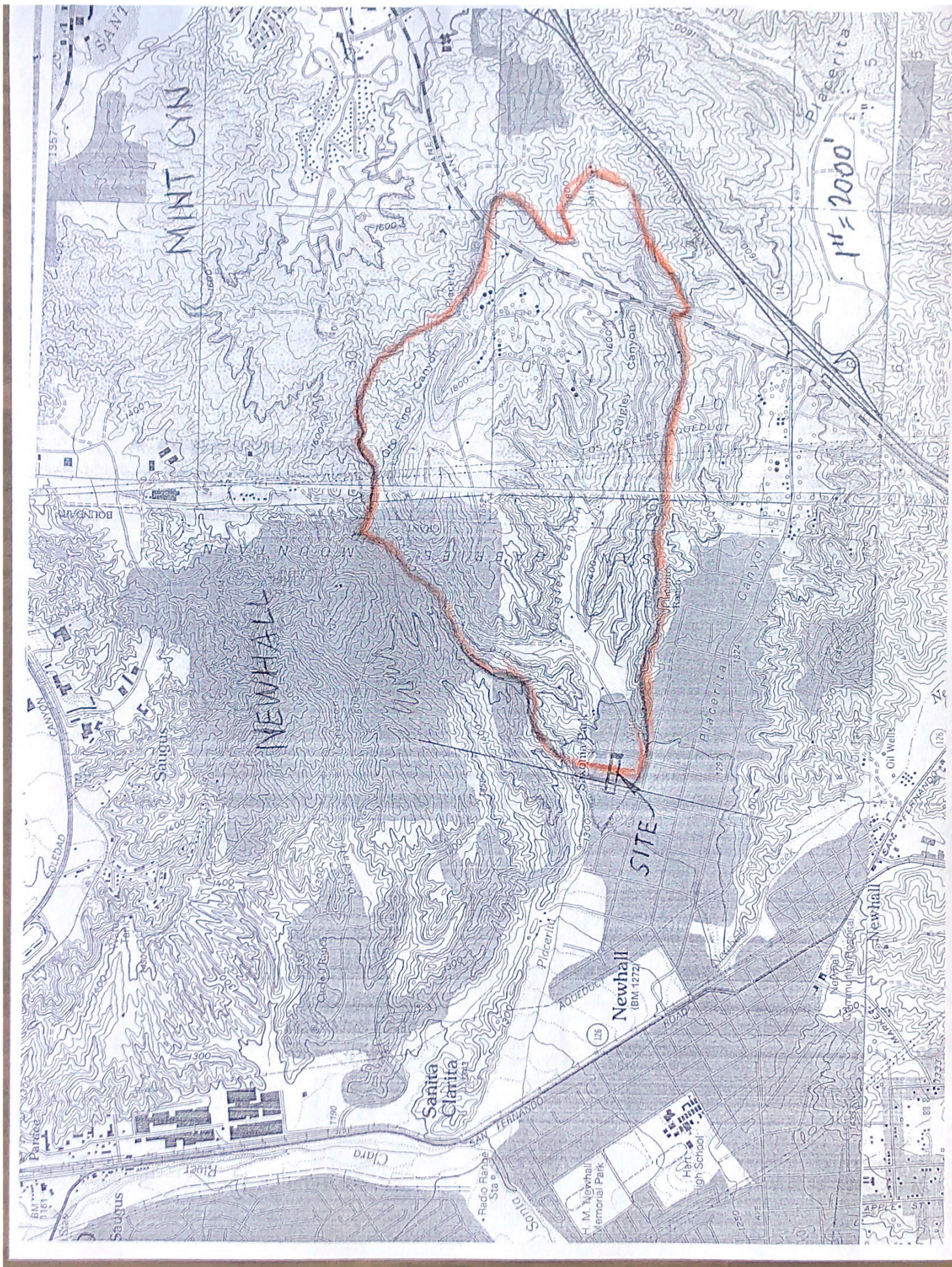
Clear Photo Three

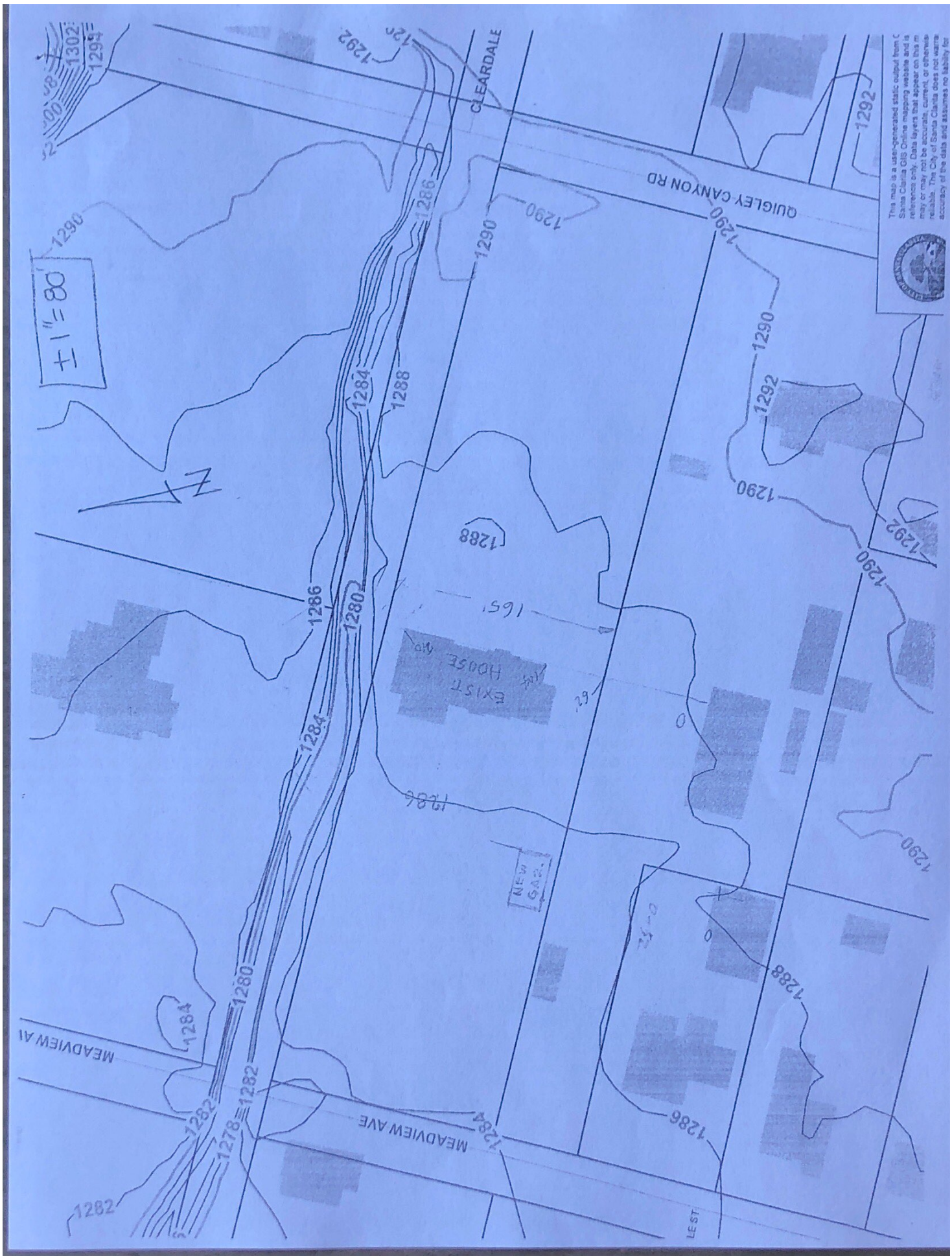


Photo Four

Photo Four Caption North and West Sides Existing House

Clear Photo Four

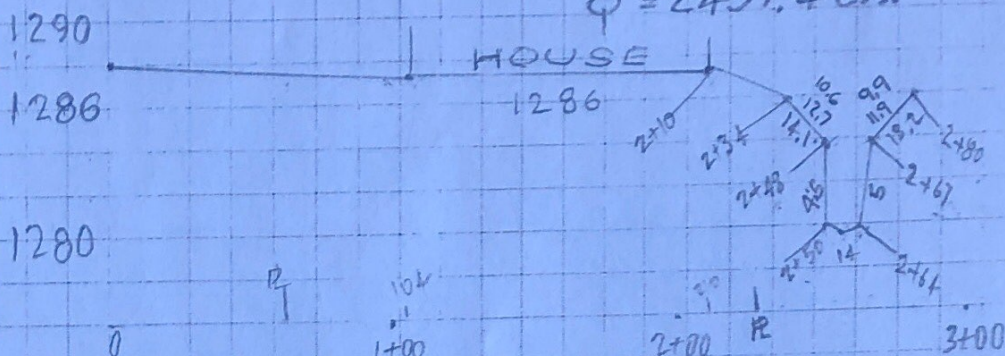




This map is a user-generated static output from C
Santa Clara GIS Online mapping website and is
intended for informational purposes only. Data layers that appear on this m
may not be accurate, current, or otherwise
represent the City of Santa Clara. The City of Santa Clara does not warrant
the accuracy of the data and assumes no liability for



EXISTING HOUSE 24855 QUIGLEY CNY. RD.
097-DPA-5-L ZONE-C=3.756
WATER SHED @ = 872.4 Ac.
 $Q = 872.4 \times 3.756 \times 0.75$
 $Q = 2457.4 \text{ cfs.}$



$Q = av$

@ 1286 $a = 2 \times 14/2 = 14$ 78-80
 $2 \times 19 = 38$ 84-86
 $(19+14)/2 \times 4 = 66$ 80-84
 $2 \times 13/2 = 13$ 84-86
131

FEMA Q100:

@ 1286 $a = 131$
 $wp = 50.8$
 $r = 131/50.8 = 2.58$
 $r^{2/3} = 1.881$
 $S = 0.011$
 $S^{1/2} = 0.105$

$V = 1.486 / .013 \times 1.881 \times .105$
 $= 22.6$

$Q = 131 \times 22.6 = 2957.5$
 $2957.5 > 2457.4 \text{ D.K.}$

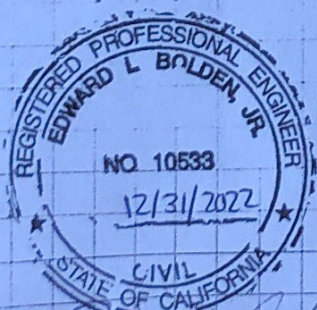
LOWEST
FLOOR
ELEVATION
1288.8
in garage

@ 1286 $a = 1.5 \times 10.5 = 8$
 $(19+14)/2 \times 4 = 66$
 $1.5 \times 19 = 29$
 $1.5 \times 9.8/2 = 7$
110

@ 1285.5 $a = 110$
 $wp = 44.0$
 $r = 110/44.0 = 2.50$
 $r^{2/3} = 1.842$
 $S = 0.011$
 $S^{1/2} = 0.105$
 $V = 1.486 / .0013 \times 1.842 \times .105$
 $= 22.1$

$Q = 110 \times 22.1 = 2431.0$

W.S. = 1285.6 $2431 < 2457.4$



ANDRE ENGINEERING COMPANY
CIVIL ENGINEERING and SURVEYING
23655 SAN FERNANDO ROAD
NEWHALL, CALIFORNIA 91321
PHONE • 661-259-1920

JOB 5404 CLIENT EVAN JONKER

ADDRESS

TEL 805 901 9989

SCALE

SHEET

OF

DATE