

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

June 20, 2019

Charles Cook
FEMA R6
Floodplain Management & Insurance
800 N. Loop 288
Denton, TX 76209-3698

RE: City of Albuquerque's Community Assistance Visit (CAV)

Dear Mr. Cook:

In the letter dated May 13, 2019, there were three items which the City needed to provide. These items are as follows:

PO Box 1293

Albuquerque

NM 87103

- Provide an elevation certificate or documentation substantiating compliance with FDPO for 8923 Signal Avenue.
- Provide an elevation certificate or documentation substantiating compliance with FDPO for 8927 Signal Avenue.
- Provide permit substantiating compliance with FDPO, compliance with 44CFR60.3(c)(10), and community higher standards related to arroyo proximity for Signal Avenue Subdivision retaining wall.

www.cabq.gov

In response to the letter, please see the attached elevation certificate for 8923 Signal Avenue, the attached elevation certificate for 8927 Signal Avenue, and the Floodplain Development Application and Permit for the Signal Avenue Subdivision retaining wall. The as-built Grading and Drainage Plan is also attached to show that the retaining wall for the Signal Avenue Subdivision was in compliance with this Communities standard for developments near arroyos.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department

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 Tiara Homes, Inc.				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8923 Signal Pointe Court NE				Company NAIC Number	
City Albuquerque		State New Mexico		ZIP Code 87122	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 1, Signal Pointe Subdivision					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential					
A5. Latitude/Longitude: Lat. 35.183422 Long. 106.543469 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 1B					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade					
c) Total net area of flood openings in A8.b sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage 682 sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0					
c) Total net area of flood openings in A9.b 0 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 City of Albuquerque 350002			B2. County Name Bernalillo		B3. State New Mexico
B4. Map/Panel Number 35001C0141	B5. Suffix G	B6. FIRM Index Date 09/26/2008	B7. FIRM Panel Effective/Revised Date 11/08/2012	B8. Flood Zone(s) X and AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 5555.5
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 checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source:					
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 CERTIFICATEOMB No. 1660-0008
Expiration Date: November 30, 2018

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. 8923 Signal Pointe Court NE			Policy Number:
City Albuquerque	State New Mexico	ZIP Code 87122	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: AGRS 7-C19Vertical Datum: 5485.723

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.

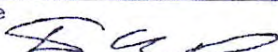
Check the measurement used.

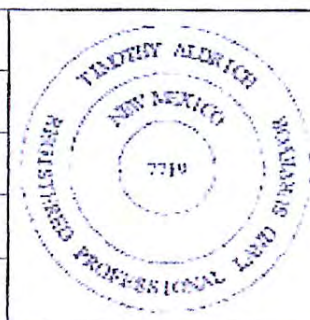
- | | | |
|---|---------------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | <u>5559.5</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor | _____ | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | _____ | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | <u>5559.0</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) | _____ | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | <u>5557.1</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | <u>5557.9</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>5557.8</u> | <input checked="" 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 Timothy Aldrich	License Number NMPS 7719
Title President	
Company Name Aldrich Land Surveying	
Address PO Box 30701	
City Albuquerque	State New Mexico
	ZIP Code 87190
Signature 	Date 06/27/2017
	Telephone (505) 328-3988



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)
There is scour wall constructed along the east and north sides of this property as follows:
1. At southeast corner - top of scour wall = 5558.5 bottom of scour wall = 5554.0
2. At angle point east line - top of scour wall = 5557.0 bottom of scour wall = 5552.5
3. At angle point north line - top of scour wall = 5555.0 bottom of scour wall = 5551.0
4. At northwest corner - top of scour wall = 5554.0 bottom of scour wall = 5550.5

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

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. 8923 Signal Pointe Court NE			Policy Number:
City Albuquerque	State New Mexico	ZIP Code 87122	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 _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ 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 _____ ☐ 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.

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

RICH GANTNER, PRESIDENT TIARA HOMES

Address

5400 HOLLY AVE NE STE 202 APT

City

Albuquerque

State

New Mexico

ZIP Code

87122

Signature

[Signature]

Date

6-28-17

Telephone

505-797-6650

Comments

☐ Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

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. 8923 Signal Pointe Court NE			Policy Number:
City Albuquerque	State New Mexico	ZIP Code 87122	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. <input type="checkbox"/> 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. <input type="checkbox"/> 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. <input type="checkbox"/> 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	
G7. This permit has been issued for: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement			
G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____			
G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____			
G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____			
Local Official's Name		Title	
Community Name		Telephone	
Signature		Date	
Comments (including type of equipment and location, per C2(e), if applicable)			
<input type="checkbox"/> Check here if attachments.			

ELEVATION CERTIFICATE**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2018

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. 8923 Signal Pointe Court NE			Policy Number:
City Albuquerque	State New Mexico	ZIP Code 87122	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.

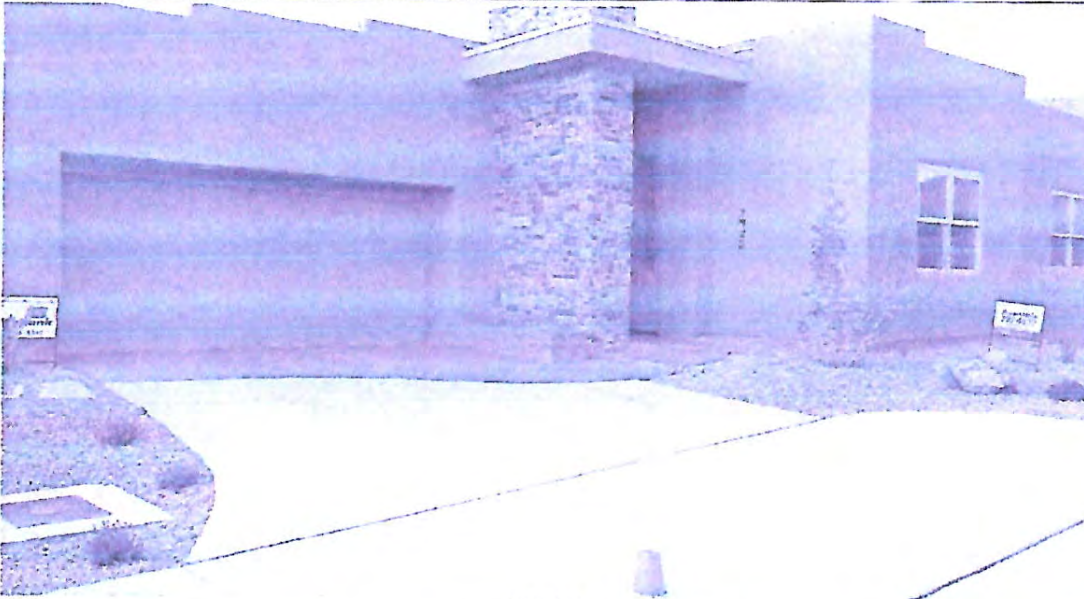


Photo One

Photo One Caption Front View - south side of house

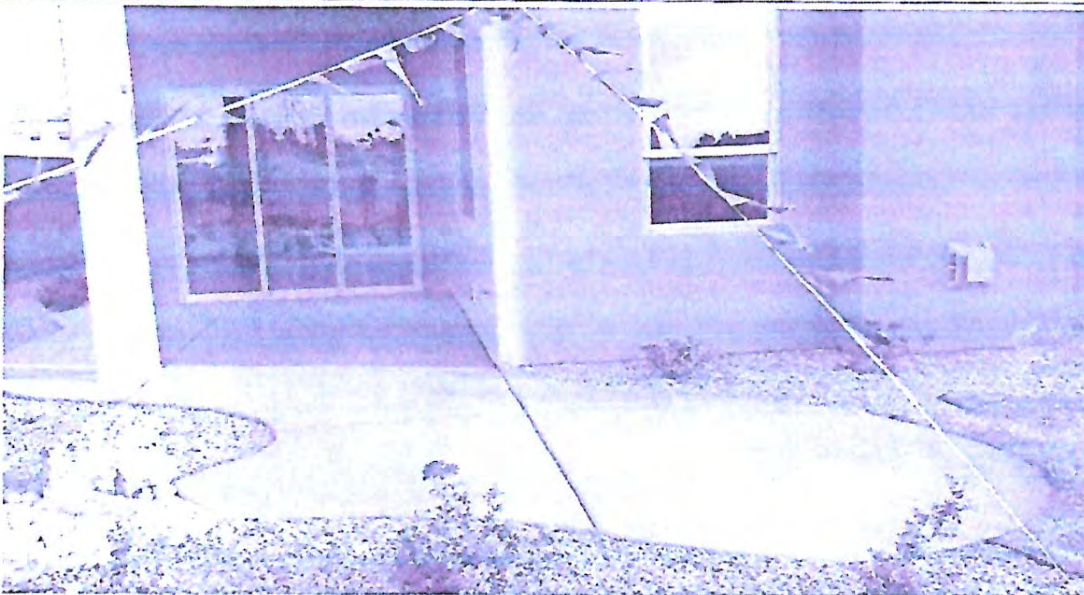


Photo Two

Photo Two Caption Rear View - north side of house

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

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. 8923 Signal Pointe Court NE			Policy Number:
City Albuquerque	State New Mexico	ZIP Code 87122	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.

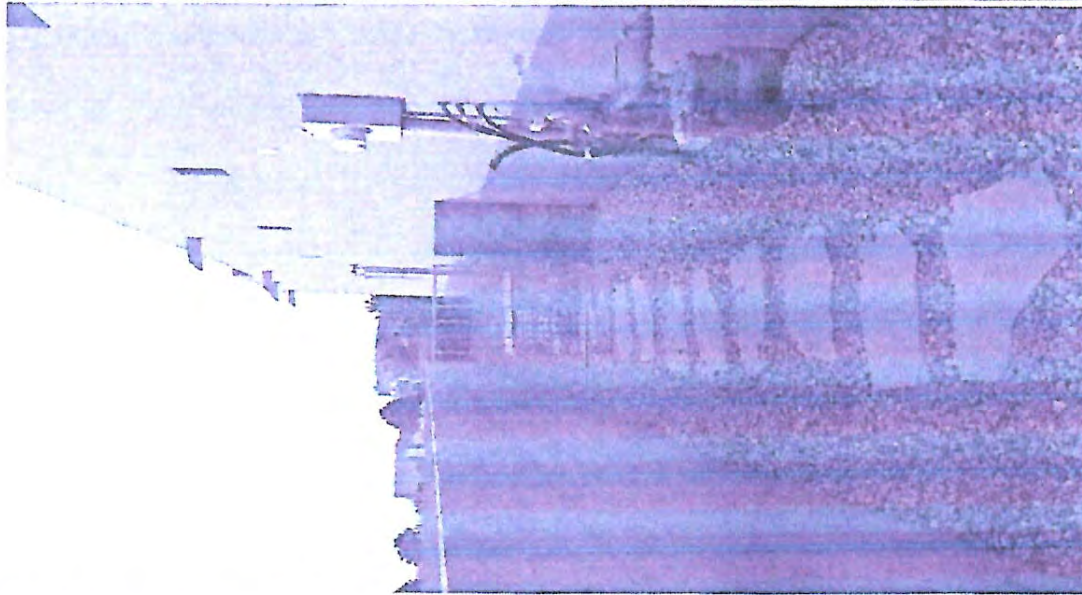


Photo One

Photo One Caption Side View - west side of house

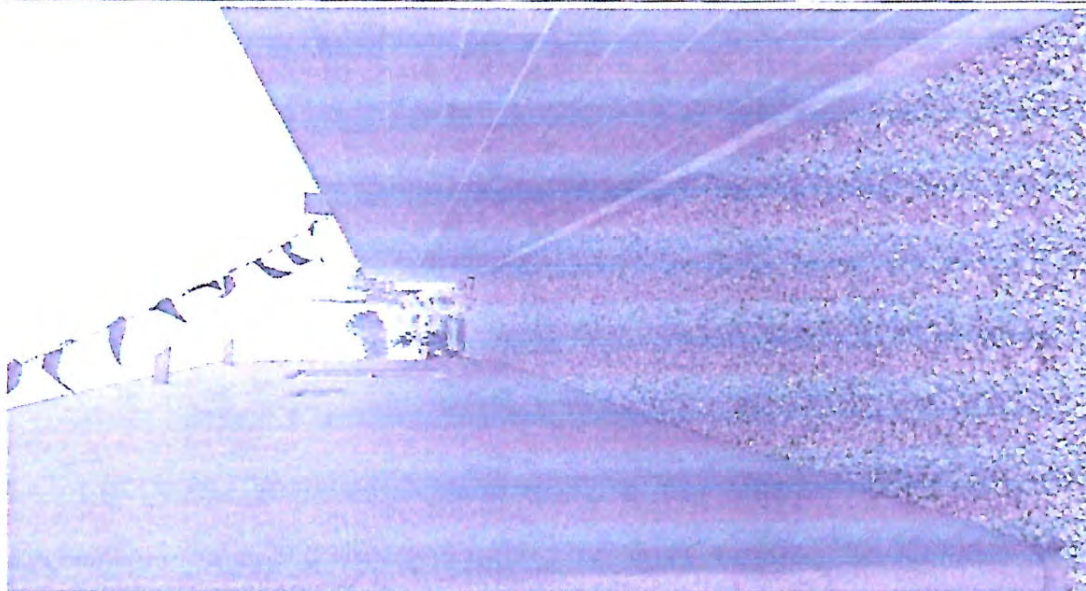


Photo Two

Photo Two Caption Side View - east side of house

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 Stephen C. Bell				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8927 Signal Pointe Court NE				Company NAIC Number:	
City Albuquerque		State New Mexico		ZIP Code 87122	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 8, Signal Pointe Subdivision					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____					
A5. Latitude/Longitude: Lat. <u>35.18320</u> Long. <u>106.54348</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>1B</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) _____ sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____					
c) Total net area of flood openings in A8.b _____ sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>810.00</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A9.b _____ 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 City Of Albuquerque 350002			B2. County Name Bernalillo		B3. State New Mexico
B4. Map/Panel Number 35001C0141	B5. Suffix G	B6. FIRM Index Date 09-26-2008	B7. FIRM Panel Effective/ Revised Date 11-08-2012	B8. Flood Zone(s) X and AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 5555.5
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 checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
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, 2018

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. 8927 Signal Pointe Court NE			Policy Number:
City Albuquerque	State New Mexico	ZIP Code 87122	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: AGRS 7-C19 Vertical Datum: 5485.723

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.


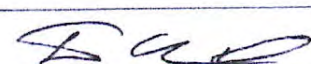
Check the measurement used.

- | | | |
|---|---------------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | <u>5559.4</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor | _____ | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | _____ | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | <u>5558.9</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) | _____ | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | <u>5557.0</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | <u>5557.2</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | _____ | <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 Timothy Aldrich	License Number NMPS 7719		
Title President			
Company Name Aldrich Land Surveying			
Address PO Box 30701			
City Albuquerque	State New Mexico		ZIP Code 87190
Signature 	Date 06-06-2019	Telephone (505) 328-3988	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)

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

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. 8927 Signal Pointe Court NE			Policy Number:								
City Albuquerque	State New Mexico	ZIP Code 87122	Company NAIC Number								
SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)											
<p>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.</p> <p>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).</p> <p>a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ <input type="checkbox"/> feet <input type="checkbox"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.</p> <p>b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ <input type="checkbox"/> feet <input type="checkbox"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the LAG.</p> <p>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 _____ <input type="checkbox"/> feet <input type="checkbox"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.</p> <p>E3. Attached garage (top of slab) is _____ <input type="checkbox"/> feet <input type="checkbox"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.</p> <p>E4. Top of platform of machinery and/or equipment servicing the building is _____ <input type="checkbox"/> feet <input type="checkbox"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown. The local official must certify this information in Section G.</p>											
SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION											
<p>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.</p> <p>Property Owner or Owner's Authorized Representative's Name Stephen C. Bell</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Address 8927 Signal Pointe Court NE</td> <td style="border: none;">City Albuquerque</td> <td style="border: none;">State New Mexico</td> <td style="border: none;">ZIP Code 87122</td> </tr> </table> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Signature </td> <td style="border: none;">Date 6/6/19</td> <td style="border: none;">Telephone 505-238-8101</td> </tr> </table> <div style="border: none; height: 200px; margin-top: 10px;"> <p>Comments</p> </div>					Address 8927 Signal Pointe Court NE	City Albuquerque	State New Mexico	ZIP Code 87122	Signature 	Date 6/6/19	Telephone 505-238-8101
Address 8927 Signal Pointe Court NE	City Albuquerque	State New Mexico	ZIP Code 87122								
Signature 	Date 6/6/19	Telephone 505-238-8101									
<input type="checkbox"/> Check here if attachments.											

ELEVATION CERTIFICATE

OMB No. 1660-0008

Expiration Date: November 30, 2018

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.
8927 Signal Pointe Court NE

Policy Number:

City
AlbuquerqueState
New MexicoZIP Code
87122

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 IssuedG7. This permit has been issued for: ☐ New Construction ☐ Substantial ImprovementG8. Elevation of as-built lowest floor (including basement)
of the building: _____☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____

☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____

☐ feet ☐ meters Datum _____

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.

ELEVATION CERTIFICATE**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

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.
8927 Signal Pointe Court NE

Policy Number:

City
AlbuquerqueState
New MexicoZIP Code
87122

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 North Side

Clear Photo One



Photo Two

Photo Two Caption South Side

Clear Photo Two

ELEVATION CERTIFICATE**BUILDING PHOTOGRAPHS**

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

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.
8927 Signal Pointe Court NE

Policy Number:

City
AlbuquerqueState
New MexicoZIP Code
87122

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 East Side

Clear Photo Three



Photo Four

Photo Four Caption West Side

Clear Photo Four

Floodplain Development Permit Application

Planning Dept., City of Albuquerque

Section 1: General Provisions (Applicant to read and sign)

1. No work of any kind may start in a Special Flood Hazard Area, SFHA, until a permit is issued.
2. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal regulatory requirements.
3. Applicant hereby gives consent to the Floodplain Administrator and his/her representative to make reasonable inspections required to verify compliance.
4. Applicant must provide a Critical Habitat for Threatened & Endangered Species report prior to any work in a SFHA.
5. Applicant must provide the Base Flood Elevation, BFE, and must provide engineering calculations demonstrating that the development will not increase the BFE or result in increased flood risk on any neighboring property.
6. If this application is for a building the floodplain must be removed by first constructing any required storm drain and/or channel modifications and second acquiring a Letter of Map Revision, LOMR, from FEMA before a building permit will be issued. If storm drain and channel modifications are not involved then a draft Elevation Certificate must be submitted prior to Building Permit and a Final Elevation Certificate must be submitted prior to Certificate of Occupancy.
7. A Conditional Letter of Map Revision, CLOMR, is required prior to any work in the FLOODWAY, if applicable.
8. The applicant certifies that all statements herein and in attachments to this application are, to the best of my knowledge, true and accurate.

Applicant Signature [Signature] Date 5/30/19
Applicant Printed Name Bob Keenan Phone #: 505-249-1502
Owner Signature [Signature] Date 5/30/19
Owner Printed Name Bob Keenan Phone #: 505-249-1502
Applicant is (check one): Owner ☒ Builder _____ Engineer/Architect _____

Section 2: Proposed Development in Special Flood Hazard Area (to be completed by Applicant)

Project address/Local Disc/Location: 8923 & 8927 Signer
Pointe Ln NE, Apt NM 87122

Section 2 (Cont.) - Description of Work in Special Flood Hazard Area (SFHA):

A. Building Development and Building Type

ACTIVITY

☒ New Building

☐ Addition

☐ Alteration

☐ Relocation

☐ Demolition

☐ Replacement

STRUCTURE TYPE

☒ Residential (1-4 Family)

☐ Residential (More than 4 Family)

☐ Non Residential (Flood-proofing? ☐ Yes)

☐ Combined Use (Residential & Commercial)

☐ Manufactured Home (In Mobile Home Park? ☐ Yes)

If an addition or alteration:

Estimated Cost of Project

\$ \$40 / linear foot

Estimated Value of structure before addition/alteration.

\$ 0

Percent of value (new construction /existing value)

100 %

B. Other Development Activities

☐ Clearing ☐ Grading ☐ Utilities ☐ Paving

☐ Watercourse Alteration (Bridge or Channel Modification)

☐ Drainage Improvements (Storm drain or culverts)

☐ Road, Street or Bridge Construction

☐ Subdivision

☒ Walls or Fences

☐ Storage of Materials/Equipment for more than a year. (Materials Volume (cu. Ft.) _____)

Other (Please Specify) _____

Is there a Grading & Drainage Plan associated with this work? Yes ☒ No ☐

Drainage file Number: C200070

Section 3: Floodplain Determination (Completed by the Floodplain Administrator)

☒ The proposed development is located on FIRM Panel: 01416

☐ The proposed development is located in Zone X and NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED.

☒ A portion of the proposed development is located in a SFHA but not any buildings so an approved G&D Plan is required (Engineer's Stamp Date 9-15-15) prior to issuance of a Floodplain Development Permit and no Building Permit will be issued for this construction.

☒ A portion of the proposed Building is located in a SFHA but the project does not include any storm drain improvements and/or channel modifications so:

1. Approved G&D Plan is required (Engineer's Stamp Date 9-15-15) prior to issuance of a Floodplain Development Permit.
2. Draft Elevation Certificate (Date 7-21-16) is required prior to issuance of a Building Permit, and
3. Final Elevation Certificate and Engineer's Certification is required prior to Certificate of Occupancy.

☐ A portion of the proposed Building is located in a SFHA and the project includes storm drain improvements and/or channel modifications that will change the floodplain location so

1. An Approved Grading and Drainage Plan is required (Engineer's Stamp Date _____) prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work Order.
2. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date _____) and an Approved LOMR Request (Engineer's Stamp Date _____) must be approved by Hydrology prior to approval of the LOMR application to FEMA.
3. The Floodplain must be removed by a LOMR from FEMA (Date _____) prior to issuance of a Building Permit.

☐ A portion of the proposed development is located in a FLOODWAY so:

1. Approved G&D Plan (Engineer's Stamp Date _____) and an Approved CLOMR Request (Date _____) is required prior to approval of the application to FEMA, and
2. CLOMR from FEMA (Date _____) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.
3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date _____) and an Approved LOMR Request (Engineer's Stamp Date _____) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date _____).
4. The Floodplain must be removed by a LOMR from FEMA (Date _____) prior to issuance of a Building Permit.

Drainage File Number: C200070

Floodplain Permit Number: C20F070

Signed: [Signature]

Date: 6/13/19

Printed Name: Rudy E. Rael

GRADING & DRAINAGE PLAN

THE RESIDENTIAL HOME PROJECT IS LOCATED IN UNIT 3 OF NORTH ALBUQUERQUE ACRES APPROXIMATELY 11 MILES FROM THE DOWNTOWN CORE OF ALBUQUERQUE, NM. THE GRADING AND DRAINAGE SCHEME HEREON IS IN COMPLIANCE WITH THE BERNALILLO COUNTY FLOOD ORDNANCE. THE PLAN IS REQUIRED IN ORDER TO FACILITATE THE OWNER'S REQUEST FOR BUILDING PERMIT. THE PLAN SHOWS:

- 1. EXISTING CONTOURS, SPOT ELEVATIONS, AND EXISTING DRAINAGE PATTERNS.
- 2. PROPOSED IMPROVEMENTS: 8 RESIDENTIAL HOME PAD SITES, NEW PERIMETER SOLID WALL, CONCRETE DRIVEWAYS, AND NEW GRADE ELEVATIONS.
- 3. QUANTIFICATION AND ACCEPTANCE OF UPSTREAM ELEVATIONS, FLOWS WHICH CONTRIBUTE TO THE DEVELOPED FLOWS GENERATED BY THE IMPROVEMENTS.
- 4. QUANTIFICATION AND ACCEPTANCE OF UPSTREAM ELEVATIONS, FLOWS WHICH CONTRIBUTE TO THE DEVELOPED FLOWS GENERATED BY THE IMPROVEMENTS.

THE PURPOSE OF THE PLAN IS TO ESTABLISH CRITERIA FOR DRAINAGE, FLOODING, AND EROSION. THE PLAN IS TO BE USED TO ALLOWING HISTORIC FLOWS TO CONTINUE TO DRAIN THROUGH THE PROPERTY. PRESENTLY, THE SITE IS BOUNDED ON THE EAST, WEST, AND NORTH BY UNDEVELOPED PROPERTY. SIGNAL AVENUE ON THE SOUTH IS A 30' WIDE ROAD. THE SITE IS BOUNDED ON THE SOUTH BY SIGNAL AVENUE. THE SITE GENERALLY FALLS FROM EAST TO WEST AT APPROX. 3.3% SLOPE. ALL OFFSITE FLOWS ARE QUANTIFIED ON THE PLAN, AND ADDRESSED IN THE CALCULATIONS.

A PORTION OF THE SITE IS ENGINEERED BY A DESIGNATED FEMA FLOODPLAIN.

NOTES

1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, W/ 8 UPDATES.
2. AN EXCAVATION/CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK WITHIN WORK AREA. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE TIME OF APPLICATION.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. CONTRACTOR SHALL ENSURE THAT NO SITE SOILS/SEDIMENT OR SILT ENTER THE RIGHT-OF-WAYS DURING CONSTRUCTION.
5. AREAS DISTURBED DUE TO CONSTRUCTION PER CITY OF ALBUQ. SPEC. 1012 NATIVE SEED MIX.
6. MAXIMUM SITE GRADING WITHOUT EROSION PROTECTION: 3' HORIZONTAL TO 1' VERTICAL. 3:1 ALL DIMENSIONS TO FACE OF CURB, UNLESS NOTED OTHERWISE.

NOTE: ADDED SUBGRADE PAD / SPOT ELEV. @ NW & NE CORNER OUTSIDE WALL GRADES OBTAINED BY PHIL TURNER, NMPS 10204, OF TERRAMETRICS NM. 7/20/16

AS-CONSTRUCTED

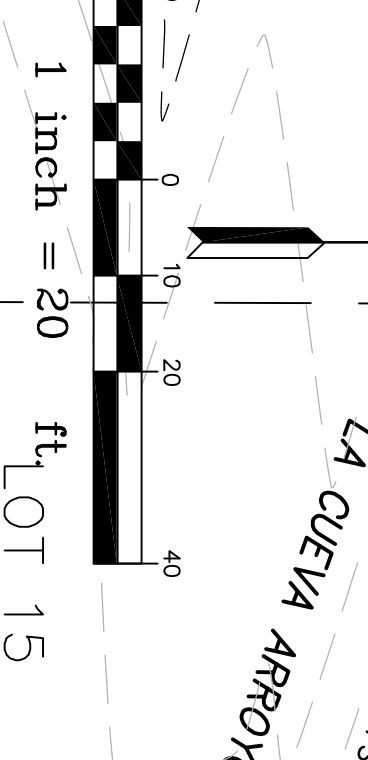
PHILIP W. CLARK, PROFESSIONAL ENGINEER, REGISTERED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW MEXICO, CERTIFY THAT THE SCOUR WALL IMPROVEMENTS INDICATED ON THE PLAN WERE CONSTRUCTED AS SHOWN, AND IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN AND SECTIONS DATED 10/28/15.

PHILIP W. CLARK, P.E. #10265
3/17/16

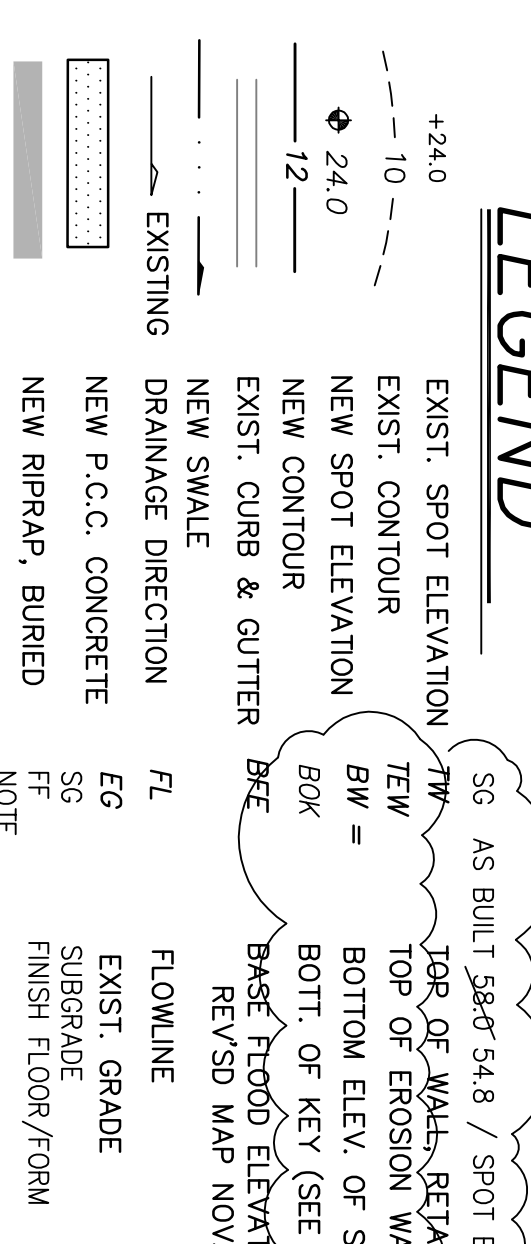
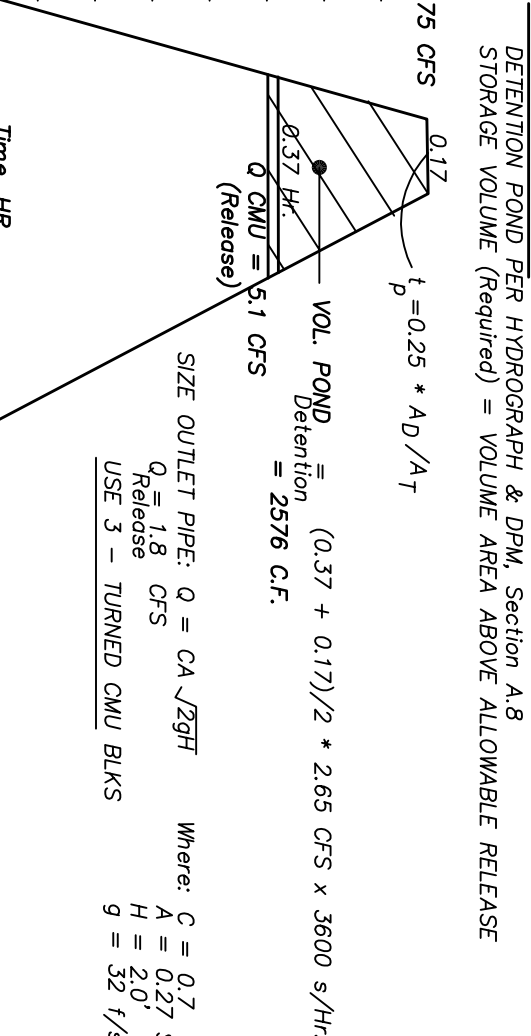
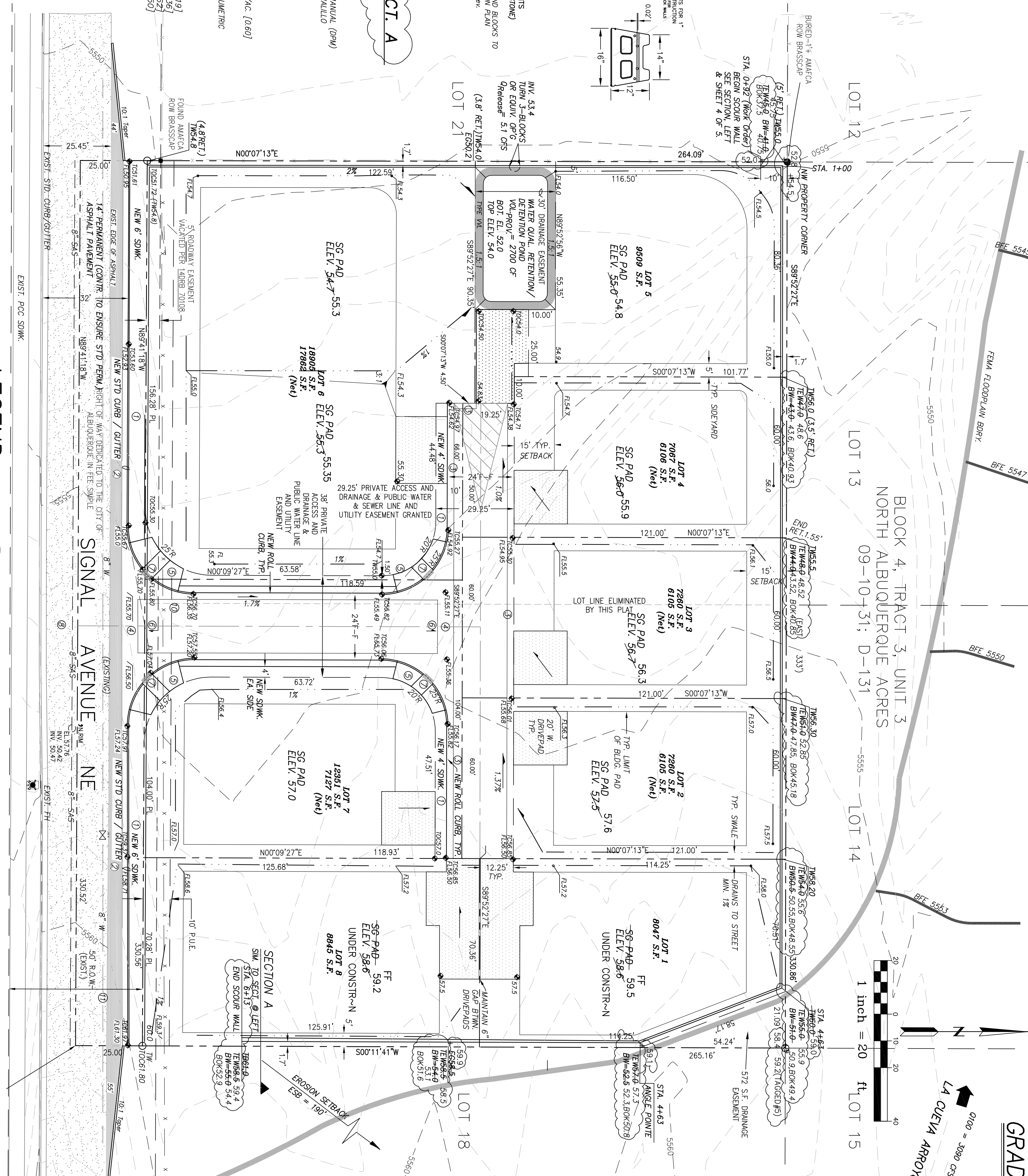
9/15/15
PHILIP W. CLARK, P.E. #10265

Clark Consulting Engineers
19 Ryan Road
Edgewood, New Mexico 87015
Tel: (505) 281-2444 Fax: (505) 281-2444

LOTS 19 & 20, BLK. 4, TRACT 3, UNIT 3
NORTH ALBUQU. ACRES, ALBUQUERQUE, NEW MEXICO
SIGNAL AVENUE SUBDIVISION
Grading & Drainage Plan
DESIGNED BY: PWC
CHECKED BY: PWC
DATE: 2/28/15
JOB #: SignalPointe
SHEET: 1 OF 1

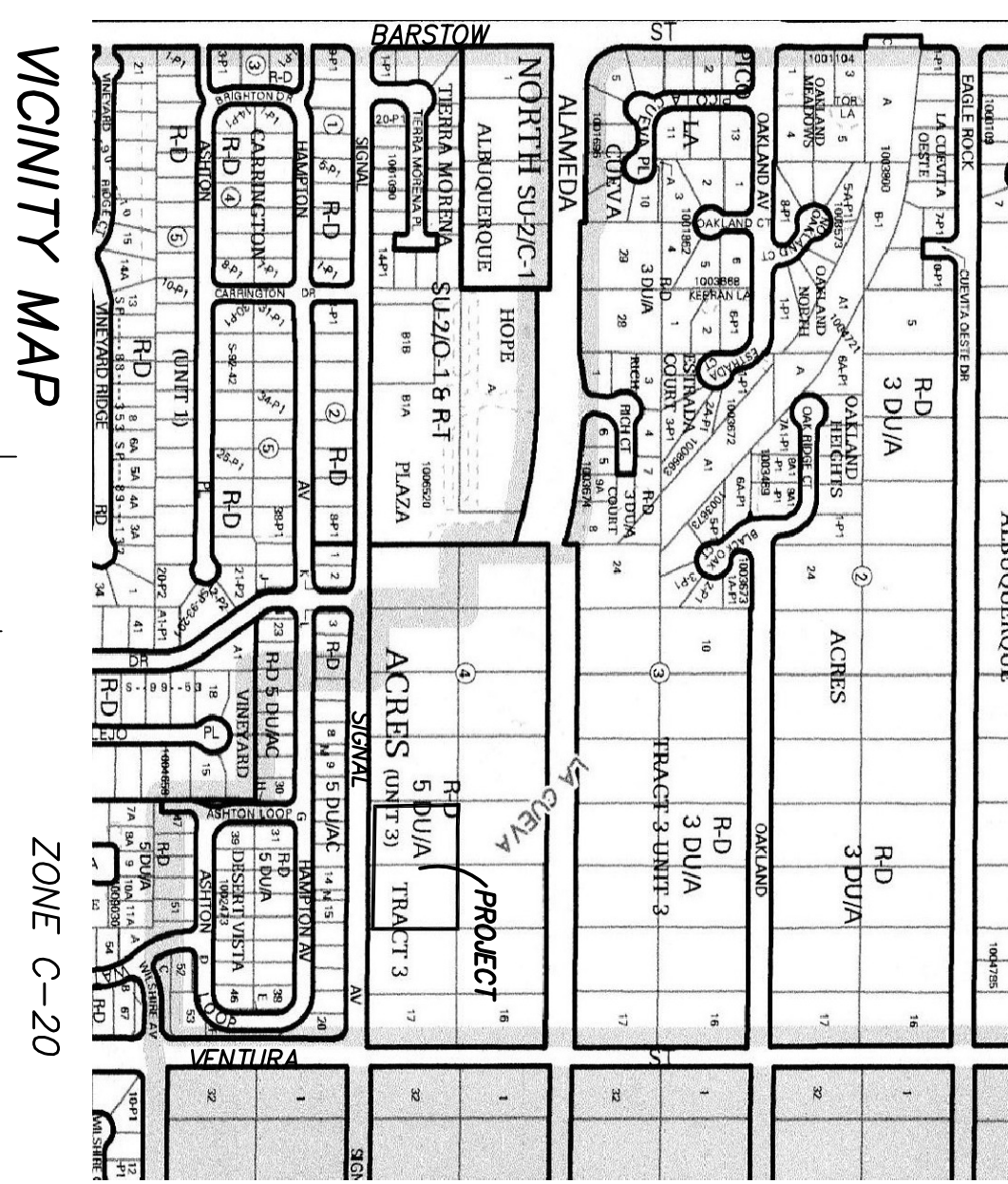


0100 = 3090 CFS
LA CUEVA ARROYO



- KEVED NOTE(S)
- 1. NEW PCC SOAK PER COA STD 2430.
- 2. NEW STD CURB/GUTTER PER COA STD 2415A.
- 3. NEW ROL CURB PER COA STD 2415A.
- 4. BUILD NEW PRIVATE ENTRANCE PER COA STD 2420 AND 2026.
- 5. NEW PCC WHEEL CHAIR RAMP PER COA STD 2441.
- 6. PROVIDE 3" WIDE ADA PATHWAY, 2% MAX. CROSS SLOPE W/ TRUNCATED DOMES.

- LEGAL DESCRIPTION
- LOT 19, 20, BLK. 4, TRACT 3, UNIT 3
- NORTH ALBUQUERQUE ACRES, ALBUQUERQUE, NEW MEXICO
- PROJECT BENCHMARK
- THE BASIS OF ELEVATIONS FOR THIS SURVEY IS AS-BENCHMARK 7-CH. ELEVATION OF WHICH IS 5463.2'. BENCHMARK IS LOCATED AT THE INTERSECTION OF BARSTOW ST AND MONTEZUMA AVE.
- TOPOGRAPHIC DESIGN SURVEY
- COMPILED BY CLARK CONSULTING ENGINEERS FROM DESIGN SURVEY BY PHILIP W. TURNER P.E., DATED JULY 2014



DESIGN CRITERIA
HYDROLOGIC METHODS PER SECTION 22.2 HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM) REVISD JANUARY 1993 FOR CITY OF ALBUQUERQUE, ADOPTED BY THE COUNTY OF BERNALILLO
DISCHARGE RATE: Q=PEAK x AREA, Peak Discharge Rates For Small Watersheds
VOLUMETRIC DISCHARGE: VOLUME = EWEIGHTED x AREA
P100 = 2.60 inches, Zone 3
DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [] = 10 YEAR VALUES
HISTORIC CONDITIONS PER EXIST. LOT
PROJECT AREA = 0.89 ACRES, WHERE EXCESS PRECIP. WEIGHED = 0.66 in. [0.19]
PEAK DISCHARGE, Q100 = 1.8 CFS [1.06] WHERE UNIT PEAK DISCHARGE $\gamma = 1.9$ CFS/AC. [0.60]
THEREFORE: VOLUME 100 = 2132 CF [614]
DEVELOPED CONDITIONS DETERMINE LAND TREATMENTS, PEAK DISCHARGE AND VOLUMETRIC DISCHARGE FOR STUDY AREA
AREA LAND TREATMENT
UNDEVELOPED 0.29 AC. A
LANDSCAPING 0.29 AC. (178) B
COMPACTED SOIL & Slopes > 1:20 AC. (163) C
ROOF - PAVEMENT 1.20 AC. (678) D
THEREFORE: EWEIGHTED = 1.95 in. [1.16] & VOLUME 100 = 12800 CF
Q100 = 7.75 CFS
UNIT DISCHARGE = 7.75 CFS/1.78 AC. = 4.35 CFS/AC.
CALC. 1ST FLUSH, P4-6MO. = 0.6" Per Table 2 Water Qual. Storm PRO-RATE 7/20=0.35 x 0.09 = 0.03+0.27 = 0.3 INCHES x 1.78 (4360/12) = 1838 CF
ON THE WITH CITY HYDROLOGY (Ref. C-20/D35) (REVISED 11.8.12)
PER R1 STUDY, Q100 = 3090 CFS AT VENTURA ST. (SEE LOMR2012)
EROSION SET BACK ANALYSIS - PER SEDIMENT EROSION DESIGN GUIDE (SEDO)
Q100 = 3090 CFS...LA CUEVA ARROYO
 $Q_b = 0.20 = 618$ CFS $W_b = 4.60' \pm 60$ FEET
LANDU = $[0.8 + 41.0(0.3)] W_b = 718$ FEET BANK SETBACK = LANDU/4 = 179 FEET
CENTER LINE SETBACK = 859 + W/2 = 190 FEET
THEREFORE: EROSION CONTROL IMPROVEMENTS REQUIRED - PER DISCUSSION WITH CITY AND AMFCA CONSTRUCT SCOUR WALL ON EAST/NORTH SIDES OF DEVELOPMENT

CLASSIFICATION AND GRADATION OF RIPRAP

DESIGNATION	SIZE (IN)	WEIGHT (LB)	PERCENT (%)
TYPE 1	12-18	12	100
TYPE 2	18-24	24	100
TYPE 3	24-30	30	100
TYPE 4	30-36	36	100