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

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

ELEVATION CERTIFICATEImportant: 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 INSUF	RANCE COMPANY USE	
A1. Building Owner's Name SHANE AND MISTY AUSTIN					Policy Num	per:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 138 ROAD 2929					Company N	AIC Number:	
				ZIP Code 87410			
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) VILLA DE ANIMAS SUBDIVISON LOT 74							
A4. Building Use (A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL						
A5. Latitude/Longi	tude: Lat. <u>3</u> 6	6 51' 01.79"	Long1	07 58' 40.85'	' Horizonta	l Datum: 🔲 NAD 1	927 × NAD 1983
A6. Attach at least	2 photograp	hs of the building if the	e Certific	ate is being ι	sed to obtain floo	d insurance.	
A7. Building Diagra	am Number	5					
A8. For a building	with a crawls	pace or enclosure(s):					
a) Square foo	tage of crawl	space or enclosure(s)		2	2023.00 sq ft		
b) Number of p	permanent flo	ood openings in the cr	awlspace	e or enclosure	e(s) within 1.0 foo	t above adjacent gra	ide 0
c) Total net area of flood openings in A8.b sq in							
d) Engineered	flood openir	ngs? 🗌 Yes 🔲 N	No				
A9. For a building v	vith an attach	ned garage:					
a) Square foot	age of attach	ned garage		sq ft			
b) Number of p	permanent flo	ood openings in the at	tached g	arage within	1.0 foot above adj	acent grade	
c) Total net ar	c) Total net area of flood openings in A9.b sq in						
d) Engineered	d) Engineered flood openings?						
	SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION						
B1. NFIP Commun		Community Number		B2. County			B3. State
SAN JUAN COUN	ΓY 350064			SAN JUAN			New Mexico
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	Effe	RM Panel ective/ vised Date	B8. Flood Zone(s)	B9. Base Flood E (Zone AO, use	levation(s) e Base Flood Depth)
0730	F	08-05-2010	08-05-2		A	5646.03	
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/Source: HEC-RAS ANALYSIS							
B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:							
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? 🗌 Yes 🗵 No							
Designation Date: CBRS OPA							

ELEVATION CERTIFICATE

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		-	Expiration Bato. Novombor 60, 20	
IMPORTANT: In these spaces, copy the correspon	ding information from Sec	tion A.	FOR INSURANCE COMPANY US	SE
Building Street Address (including Apt., Unit, Suite, at 138 ROAD 2929	nd/or Bldg. No.) or P.O. Rout	te and Box No.	Policy Number:	
City	State ZIP (Company NAIC Number	
AZTEC	New Mexico 8741	0		
SECTION C - BUILDING	ELEVATION INFORMAT	ION (SURVEY RE	QUIRED)	
C1. Building elevations are based on: Consti *A new Elevation Certificate will be required wh	• 🗀	ding Under Construc ng is complete.	ction* X Finished Construction	I
C2. Elevations – Zones A1–A30, AE, AH, A (with B Complete Items C2.a–h below according to the Benchmark Utilized: OPUS GPS	FE), VE, V1–V30, V (with BF building diagram specified in Vertical Datum:	n Ítem A7. In Puerto	AE, AR/A1–A30, AR/AH, AR/AO. Rico only, enter meters.	
Indicate elevation datum used for the elevations	s in items a) through h) below	٧.		
☐ NGVD 1929 ☒ NAVD 1988 ☐ Of Datum used for building elevations must be the		FE.		-
a) Tan of bottom floor (including bacoment, or	owlenges or englesure fleer	56	Check the measurement used. 646.8 ⊠ feet ☐ meters	•
a) Top of bottom floor (including basement, cra b) Top of the post birther floor	awispace, or enclosure floor)		530.3 × feet meters	
b) Top of the next higher floor			☐ feet ☐ meters	
c) Bottom of the lowest horizontal structural med) Attached garage (top of slab)	ember (v Zones only)		☐ feet ☐ meters	
e) Lowest elevation of machinery or equipmen (Describe type of equipment and location in	t servicing the building		feet meters	
f) Lowest adjacent (finished) grade next to bui	,	56		
g) Highest adjacent (finished) grade next to bu		56	546.7 \boxtimes feet \square meters	
h) Lowest adjacent grade at lowest elevation of structural support	3		546.7 × feet meters	
	OR, ENGINEER, OR ARC	HITECT CERTIFIC	CATION	
This certification is to be signed and sealed by a lan I certify that the information on this Certificate repre- statement may be punishable by fine or imprisonme	d surveyor, engineer, or arch	nitect authorized by pret the data availab	law to certify elevation information	۱.
Were latitude and longitude in Section A provided by	y a licensed land surveyor?	☐ Yes ⊠ No	Check here if attachments.	
Certifier's Name DANIEL FLACK	License Number 14850		- T	
Title ENGINEER			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Company Name DTF ENGINEERING			(E) (14830))E)	
Address PO BOX 1063				
City KIRTLAND	State New Mexico	ZIP Code 87417		
Signature Daniel Flack Date: 2020.11.12 09:07:24-07'00'	Date 11-12-2020	Telephone (505) 598-5163	Ext.	
Copy all pages of this Elevation Certificate and all atta	chments for (1) community off	icial, (2) insurance a	gent/company, and (3) building owr	ner.
Comments (including type of equipment and location	n, per C2(e), if applicable)			

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

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IMPORTANT: In these spaces, o	FOR INSURANCE COMPANY USE Policy Number:		
Building Street Address (including 138 ROAD 2929			
City	State	ZIP Code	Company NAIC Number
AZTEC	New Mexico	87410	1999

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 Clear Photo One

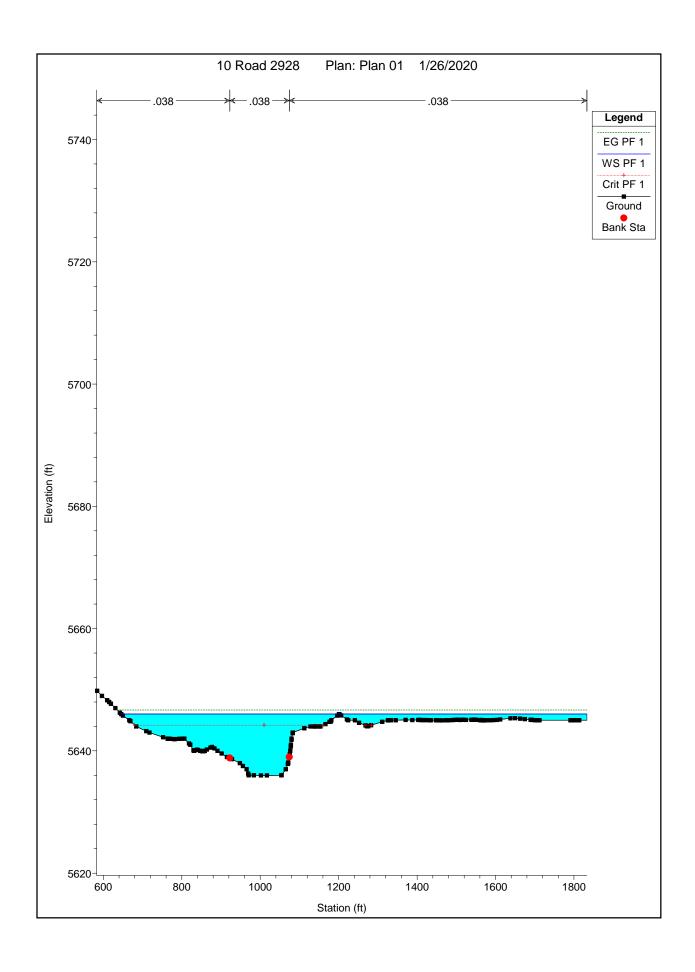


Photo Two

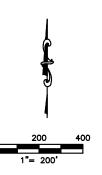
Photo Two Caption Clear Photo Two

Plan: Plan 01 River CL River CL RS: 383.89 Profile: PF 1

E.G. Elev (ft)	5646.69	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.66	Wt. n-Val.	0.038	0.038	0.038
W.S. Elev (ft)	5646.03	Reach Len. (ft)	100.00	100.00	100.00
Crit W.S. (ft)	5644.21	Flow Area (sq ft)	1140.15	1412.46	1311.27
E.G. Slope (ft/ft)	0.002053	Area (sq ft)	1140.15	1412.46	1311.27
Q Total (cfs)	18700.00	Flow (cfs)	5187.13	11041.63	2471.25
Top Width (ft)	1622.47	Top Width (ft)	276.89	152.00	1193.58
Vel Total (ft/s)	4.84	Avg. Vel. (ft/s)	4.55	7.82	1.88
Max Chl Dpth (ft)	10.04	Hydr. Depth (ft)	4.12	9.29	1.10
Conv. Total (cfs)	412691.0	Conv. (cfs)	114474.9	243678.1	54538.1
Length Wtd. (ft)	100.00	Wetted Per. (ft)	277.11	152.42	1195.35
Min Ch El (ft)	5635.99	Shear (lb/sq ft)	0.53	1.19	0.14
Alpha	1.81	Stream Power (lb/ft s)	2.40	9.29	0.27
Frctn Loss (ft)	0.34	Cum Volume (acre-ft)	2.08	2.93	1.58
C & E Loss (ft)	0.13	Cum SA (acres)	0.60	0.35	1.49









REV: DESCRIPTION: BY: DATE:

STATUS: FOR review

DTF Engineering

PO Box 1063 Kirtland, NM 87417 T 505.598.5163 F 505.598.5574 dflack@dtfengineering.com

OWNER:

HEATH

PROJECT: Letter of Map Amendment

10 ROAD 2928 Aztec, New Mexico San Juan County

SHEET TITLE: LOMA

SHEET No.:

1 Of 1

DATE: DRAWN: CHECKED: WWP Off

FILENAME:

BFE