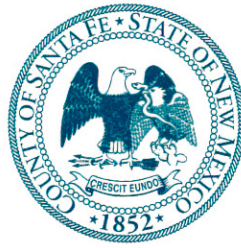


**NO PACKET MATERIAL  
FOR THIS ITEM**

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

# MEMORANDUM

**DATE:** October 1, 2012

**TO:** Santa Fe Board of County Commissioners

**FR:** Rita B. Maes, Constituent Services Liaison on behalf of Commissioner Virginia Vigil

**RE:** Community Presentation by Agua Fria Village Residents on History and Concerns

---

**Item and Issue:**

Commissioner Vigil invited residents of Agua Fria Village to address the Board of County Commissioners to provide a community update on issues and concerns.

William Mee, President of the Agua Fria Village Association will moderate a power point presentation illustrating the history, infrastructure and topics of concern. Several residents of the Village will be in attendance to assist with the presentation.

**Action Recommendation:**

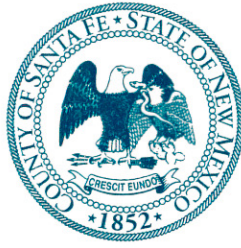
For informative purposes only; no action required.

**NO PACKET MATERIAL  
FOR THIS ITEM**

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

# MEMORANDUM

**DATE:** September 28, 2012  
**TO:** Santa Fe Board of County Commissioners  
**FR:** Rita B. Maes, Constituent Services Liaison  
**RE:** Proclamation to Raise Awareness of Domestic Violence during the month of October

---

**Item and Issue:**

Commissioner Vigil is pleased to sponsor a proclamation in support of advocates and service providers to help raise awareness of Domestic Violence during the month of October.

**Background Summary:**

Each year Congress passes Commemorative Legislation declaring *October as Domestic Violence Awareness Month*. The intent is to raise awareness of domestic violence and connect advocates and service providers across the country who work to end violence against women and their children.

**Recommendation:**

Commissioner Vigil seeks approval from the Board of County Commissioners to join Congress and cities and counties across the country to proclaim October as "Domestic Violence Awareness Month".



## *Santa Fe County Proclamation*

**WHEREAS**, almost one-third of American women murdered each year are killed by their current or former partner, usually a husband;

**WHEREAS**, approximately 1 million women in America annually report being stalked and many children suffer or witness abuse in their homes;

**WHEREAS**, domestic violence spills over into schools and places of work and affects people from every walk of life;

**WHEREAS**, children experiencing domestic violence are at higher risk for failure in school, emotional disorders, substance abuse and perpetrating violent behavior later in life; and

**WHEREAS**, Santa Fe County partners and supports the City of Santa Fe, Esperanza Shelter for Battered Families and many other agencies who have created a Coordinated Community Response Council to End Domestic Violence, Sexual Assault and Stalking in the City and County of Santa Fe.

**NOW THEREFORE**, the Board of Santa Fe County Commissioners does hereby proclaim October as

### **Domestic Violence Awareness Month**

and calls on all Santa Feans to commit to preventing domestic violence and to assisting those who suffer from it, so that our collective efforts will contribute to peace in our homes, schools, places of work, and our community to ensure the safety of countless children and adults.

***APPROVED, ADOPTED AND PASSED, ON THIS 9th DAY OF October 2012.***

\_\_\_\_\_  
Liz Stefanics, Chair  
District 5

\_\_\_\_\_  
Kathy Holian, Vice Chair  
District 4

\_\_\_\_\_  
Commissioner Danny Mayfield  
District 1


\_\_\_\_\_  
Commissioner Virginia Vigil  
District 2

\_\_\_\_\_  
Commissioner Robert A. Anaya  
District 3

\_\_\_\_\_  
Katherine Miller, County Manager

APPROVED AS TO FORM

ATTEST:

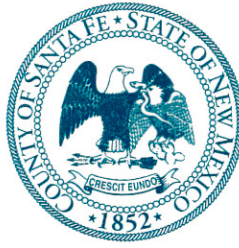
  
\_\_\_\_\_  
Stephen C. Ross, County Attorney

\_\_\_\_\_  
Valerie Espinoza - County Clerk

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

# MEMORANDUM

**DATE:** October 1, 2012

**TO:** Santa Fe Board of County Commissioners

**FR:** <sup>RBM</sup> Rita B. Maes, Constituent Services Liaison on behalf of Commissioner Virginia Vigil

**RE:** Certificate of Recognition to SFC Public Works Project Manager David Padilla

---

David Padilla, Santa Fe County Public Works Project Manager won the Community Hero Award for Esperanza Shelter and is the recipient of the New Mexico Coalition Against Domestic Violence Award.

The New Mexico Coalition against Domestic Violence is a statewide organization who annually recognizes individuals who support their local domestic violence programs. David was nominated by Esperanza Shelter and was selected as the 2012 recipient of this honorable statewide award.

Commissioner Vigil on behalf of the Board of County Commissioners would like to recognize David Padilla with a Certificate of Recognition for his dedication and example of professional excellence in the workplace.

Attached is the nomination letter submitted by the Esperanza Director and Board.

## Community Hero Award for Esperanza Shelter is David Padilla



**P.O. Box 5701  
Santa Fe, NM 87502  
505.474.5536  
505.474.5826 fax  
www.esperanzashelter.org**

### **Board of Directors**

Karla Quintana, President  
Elaine S. Cravens, Vice President  
Jerry Trujillo, Secretary  
Ann Rader-Tate, Treasurer

Patrick Barry  
Lin Bartucca  
Kevin Brennan  
Shelly Koffler  
Pearl Mohnkern  
Rochelle Perrier  
Henry Etta Waters  
Marcos Zubia

### **Executive Director**

Sherry Taylor

For nearly a decade Esperanza has been in the process of accessing a new Support Center in Santa Fe. Many state and local agencies have whole heartedly supported this process that has resulted in beautiful space where we can assist families experiencing violence within Santa Fe County. I would like to thank the State of New Mexico, Santa Fe County, City of Santa Fe and everyone who has who has supported this project for Esperanza Shelter for Battered Families over the years!

However, there is one person that I would like to nominate for the Community Hero Award for 2012. Dave Padilla has been the Project Manager for Santa Fe County for our 7500 square foot, two million dollar Support Center over the last two years. Throughout the entire project, Dave has gone over and above his scope of work to be there for Esperanza and to better serve victims of domestic violence within our area! He has exceeded any job description to ensure that all of the permits, contractors, entities, the move, water leaks, solid waste, HVAC issues, landscaping, fences blowing down, and more contractors Many times when things have gone wrong, Dave has come in on his days off and after hours to address gas leaks or pipes blowing water inside and out. He assisted with our Ground Breaking and Grand Opening events. Dave truly deserves to be recognized as a champion for the all of the detailed attention to this project over the last two years. David has represented Santa Fe County as a caring and professional liaison as our Project Manager with patience and unsurpassed commitment to his work and to our cause.

On several occasions when contractors were not responsive to issues with the new build and building, Dave was here, on the roof, under the building and assisting with unforeseen crisis's.

As a Project Manager, David Padilla's only job is to oversee a project. His heart and can do spirit has made our new home a place to be proud of with the absolute minimal amount of stress on everyone!

Last month we needed help with specs and estimates for a new kitchen for our shelter. David jumped at the chance to help Esperanza with this project on his own time. He has offered to help in any way possible to help with all aspects of this project that is unrelated to County activity.

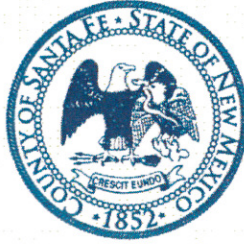
Here at Esperanza we truly appreciate Dave Padilla for going above and beyond to make our new Support Center is the very best it can be for families experiencing violence in their homes on Santa Fe!

Sherry Taylor  
Executive Director

**Daniel "Danny" Mayfield**  
*Commissioner, District 1*

**Virginia Vigil**  
*Commissioner, District 2*

**Robert A. Anaya**  
*Commissioner, District 3*




**Kathy Holian**  
*Commissioner, District 4*

**Liz Stefanics**  
*Commissioner, District 5*

**Katherine Miller**  
*County Manager*

## MEMORANDUM

**Date:** October 9, 2012  
**To:** Board of County Commissioners  
**From:** Penny Ellis-Green, Assistant County Manager   
**Subject:** Appointment of a Member to the Santa Fe County Ethics Board

---

Ordinance 2010-12 created the Santa Fe County Ethics Board which consisted of three members to be appointed by the BCC for two year terms.

At the November 8, 2011 Board of County Commission Meeting, Ordinance No. 2011- 9, was approved. An Ordinance Enacting Amendments To Ordinance No. 2010-12 (The Santa Fe County Code Of Conduct), Amending Definitions, Amending Disclosures To Require Affirmative Disclosure Of Conflicts Resulting In Recusal Or Otherwise, Increasing The County Ethics Board To Five Members, Including An Additional Penalty Of Removal From Office, And Repealing Inconsistent Language.

As you are aware, the County Ethics Board lost a Board Member, Mr. Randy Forrester who served as the Chair of the Board. Mr. Forrester passed away in August.

During the last period of recruitment in which the County advertised for applicants to fill a one member seat on the Ethics Board, staff interviewed many applicants. There were two outstanding candidates but there was only one position to be filled. As there is a vacancy, staff would like to bring forward the name of Mr. W. Peyton George to serve on the Ethics Board.

### **Recommendation**

Mr. George brings vast knowledge and experience and would serve the Ethics Board well. It is recommended that Mr. W. Peyton George be appointed to the Santa Fe County Ethics Board.

### **Attachments**

Resume of Mr. George is attached.



## W. Peyton George

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**From:** W. Peyton George [peyton@newcapitalsolutions.com]  
**Sent:** Friday, January 13, 2012 5:42 PM  
**To:** 'lroybal@santacounty.org'  
**Subject:** SF New Mexican Article Seeking Ethics Board Volunteers  
**Attachments:** SF Co ethic Bio.pdf

1/13/12

Ms. Roybal:

Attached is a summary of some of my several experiences. I have certainly dealt with my share of disciplinary proceedings in civilian law enforcement, legal, and military assignments over many years. I would need to know what time commitment this might entail, if my background and experience was of any interest to you. We do travel some.

I have owned property in Santa Fe County for many years, but only became a full time resident and voter last year. I took the Multi State Professional Responsibility (MPRE) exam a couple years ago when I naively thought New Mexico might soon permit reciprocity for lawyers, since now being surrounded by states that do. The MPRE is the "ethics" exam now required for all lawyers in all states. The New Mexico Supreme Court only requires a scaled score of 75. My score was 111. I have a very limited web site at [www.georgelegal.com](http://www.georgelegal.com) with a photo, and for any info it may provide.

Please call if you have any questions or if I may provide more information.

Regards,



W. Peyton George  
907 Old Santa Fe Trail  
Santa Fe, NM 87505  
505-690-4001 cell

**W. PEYTON GEORGE**  
**907 Old Santa Fe Trail**  
**Santa Fe, NM 87505**

(505) 984-2133

**EDUCATION:**

Bachelor of Science, Math and Physics, University of Central Oklahoma

Juris Doctor, Law, American University, Washington, DC

Oklahoma City Police Academy

FBI Academy, Quantico, VA

Military Police Officer (MP) Career Course, Fort Gordon, GA

Judge Advocate General (JAG) Officer Career Course, Charlottesville, VA

Command and General Staff Course, Fort Leavenworth, KS

U. S. Army War College, Carlisle, PA

**CIVILIAN EXPERIENCES**

Partner, Lathrop and Gage, Partner, Miles and Stockbridge (Managing Partner, DC Office for both 200 Lawyer Firms) Lawyer/Lobbyist

for various national clients, including Black & Decker, Pepsico, Inc., Pizza Hut, Wendy's, Lawyers Title, Florida Gas, Frito Lay,

Helmerich & Payne, Inc., dealing with Congress and Federal Agencies. Private law and consulting practice in small firms.

Executive Assistant to Administrator, FmHA, Banking Agency at USDA with 6000 employees and 3 Billion Budget

Congressional Liaison Officer, on Personal Staff of two Cabinet Members,

Special Agent, Federal Bureau of Investigation, Richmond and Lynchburg, VA, Newark and Atlantic City, NJ, and Washington, D. C. In addition to service in three field offices and two Resident Agencies, worked on several Specials, and ran Soviet Intelligence Double Agent cases while simultaneously obtaining law degree and staying, and being promoted twice, in the Army Reserve

Police Officer, Oklahoma City Police Department (Also completed College during Day)

Grew Up on family Dairy Farm and Ranch

**MILITARY EXPERIENCES**

Platoon Leader, Military Police Company, 95th Infantry Division, USAR

Staff Judge Advocate, 352nd Civil Affairs Command, Riverdale, MD , USAR

**Continued on next page**

Staff Judge Advocate, 97th USARCOM, Fort Meade, MD (14,000 reservists from Maine to Florida)

Legal Advisor, Joint Service Military exercise, Rapid Deployment Joint Task Force, (now CENTCOM). Direct Report to 3 Star General

Chief of Litigation, (IMA), Office of the Judge Advocate General, Pentagon

Legal Advisor, Commander, Army Material Command, Direct Report to 4 Star General

Commander of 10th Military Law Center, Andrews Air Force Base, MD, USAR, 50 JAG Officers, 50 EM

Colonel, Army JAG, AUS (Ret) with 34 Years Active and Reserve Service, Highest Award: Legion of Merit

#### **LICENSES/CERTIFICATIONS**

Member VA, DC and OK Bars in Active Status plus. U. S. Supreme Court and lesser Federal Courts Bars.

Class A CDL with Doubles, Triples, Tanker, Passenger and Hazmat Endorsements

Concealed Carry Permit

Certified Scuba Diver

#### **MEMBERSHIPS**

Soc. of Former. Special Agents of the FBI (Fmr. Vice Chairman, Legal Affairs, Fmr. Chairman Recruitment),

Reserve Officers Association, Life Member

National Rifle Association, Life Member

32nd Degree Mason and Shriner

Family Motor Coach Association

Retired Army Judge Advocate Association

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

## MEMORANDUM

To: Board of County Commissioners

From: Teresa Martinez, Finance Director *TM*

Through: Katherine Miller *KM*

Date: October 9, 2012

RE: ***A resolution requesting a budget increase to the Water Enterprise Fund (505) for a construction reimbursement fee paid by Desert Academy to reimburse developers of the Old Las Vegas Highway Low Pressure Sewer Line/ \$60,580***

---

## ISSUE

The Finance Division is seeking approval to increase the Water Enterprise Fund (505) to budget for a construction reimbursement fee payment received by Desert Academy to reimburse HHS Inc., and Bosan Vocale, Inc. for 4,200 feet of the Old Las Vegas Highway Low Pressure Sewer line utilized by their facility.

## BACKGROUND

Pursuant to Santa Fe County Ordinance 2010-16, the Water Utility Department is responsible for collecting and reimbursing the developers of the Old Las Vegas Highway Low Pressure Sewer line for each new service connection that occurs after the original construction of the line. Desert Academy is the first organization/property to connect to the line. The construction reimbursement was calculated based upon the construction plans for the sewer line extension.

Desert Academy has made payment for its required construction reimbursement fee and Santa Fe County is responsible to "pass-through" the funds to the original sewer line developers.

## RECOMMENDATION

The Finance Division recommends that the Water Enterprise Fund (505) be increased to budget the construction reimbursement fee received from Desert Academy and allow for the pass-through of those funds.

SANTA FE COUNTY

RESOLUTION 2012 - \_\_\_\_\_

A RESOLUTION REQUESTING AUTHORIZATION TO MAKE THE BUDGET ADJUSTMENT DETAILED ON THIS FORM

Whereas, the Board of County Commissioners meeting in regular session on October 9, 2012, did request the following budget adjustment:

Department / Division: PW/Utilities & CMO/Finance Fund Name: Water Enterprise Fund (505)

Budget Adjustment Type: Increase Fiscal Year: 2013 (July 1, 2012 - June 30, 2013)

BUDGETED REVENUES: (use continuation sheet, if necessary)

FUND CODE XXX	DEPARTMENT/DIVISION XXXX	ACTIVITY BASIC/SUB XXX	ELEMENT/OBJECT XXXX	REVENUE NAME	INCREASE AMOUNT	DECREASE AMOUNT
505	1410	360	0130	Miscellaneous Revenue – Contribution, Donation, Agreement – Construction Reimbursements	\$60,580	
<b>TOTAL (if SUBTOTAL, check here)</b>					\$60,580	\$

BUDGETED EXPENDITURES: (use continuation sheet, if necessary)

FUND CODE XXX	DEPARTMENT/DIVISION XXXX	ACTIVITY BASIC/SUB XXX	ELEMENT/OBJECT XXXX	CATEGORY / LINE ITEM NAME	INCREASE AMOUNT	DECREASE AMOUNT
505	1410	444	7110	Water Enterprise Fund – Construction Fee Reimbursements Pass-through	\$60,580	
<b>TOTAL (if SUBTOTAL, check here x)</b>					\$60,580	\$

Requesting Department Approval: Carole Jaramillo Title: Budget Administrator Date: 10/9/12

Finance Department Approval: Carole Jaramillo Date: 9/28/12 Entered by: \_\_\_\_\_ Date: \_\_\_\_\_

County Manager Approval: [Signature] Date: \_\_\_\_\_ Updated by: \_\_\_\_\_ Date: \_\_\_\_\_

# SANTA FE COUNTY

## RESOLUTION 2012 - \_\_\_\_\_

### BUDGET ADJUSTMENT CONTINUATION SHEET

**ATTACH ADDITIONAL SHEETS IF NECESSARY.**

**DEPARTMENT CONTACT: Name:** Carole Jaramillo **Dept/Div:** CMO/Finance **Phone No.:** 986-6321

**DETAILED JUSTIFICATION FOR REQUESTING BUDGET ADJUSTMENT (If applicable, cite the following authority: State Statute, grant name and award date, other laws, regulations, etc.):**

1) Please summarize the request and its purpose.

This Resolution will increase the Water Enterprise Fund (505) to budget a construction reimbursement fee payment received from Desert Academy to reimburse the developers of the Old Las Vegas Highway Low Pressure Sewer Extension for their share of construction costs.

a) Employee Actions

Line Item	Action (Add/Delete Position, Reclass, Overtime)	Position Type (permanent, term)	Position Title

b) Professional Services (50-xx) and Capital Category (80-xx) detail:

Line Item	Detail (what specific things, contracts, or services are being added or deleted)	Amount

• 2) Is the budget action for RECURRING expense \_\_\_\_\_ or for NON-RECURRING (one-time only) expense  X \_\_\_\_\_

# SANTA FE COUNTY

## RESOLUTION 2012 - \_\_\_\_\_

*ATTACH ADDITIONAL SHEETS IF NECESSARY.*

**DEPARTMENT CONTACT:**

Name: Carole Jaramillo Dept/Div: CMO/Finance Phone No.: 986-6321

**DETAILED JUSTIFICATION FOR REQUESTING BUDGET ADJUSTMENT (If applicable, cite the following authority: State Statute, grant name and award date, other laws, regulations, etc.):**

- 3) Does this request impact a revenue source? If so, please identify (i.e. General Fund, state funds, federal funds, etc.), and address the following:
  - a) If this is a state special appropriation, YES \_\_\_\_\_ NO x  
If YES, cite statute and attach a copy.

Contributions, Agreements & Miscellaneous revenue in the Water Enterprise Fund

- b) Does this include state or federal funds? YES \_\_\_\_\_ NO x  
If YES, please cite and attach a copy of statute, if a special appropriation, or include grant name, number, award date and amount, and attach a copy of a award letter and proposed budget.

- c) Is this request is a result of Commission action? YES x NO \_\_\_\_\_  
If YES, please cite and attach a copy of supporting documentation (i.e. Minutes, Resolution, Ordinance, etc.).

Ordinance 2010-16

- d) Please identify other funding sources used to match this request.

**SANTA FE COUNTY**

**RESOLUTION 2012 - \_\_\_\_\_**

**NOW, THEREFORE, BE IT RESOLVED** by the Board of County Commissioners of Santa Fe County that the Local Government Division of the Department of Finance and Administration is hereby requested to grant authority to adjust budgets as detailed above.

**Approved, Adopted, and Passed This 9th Day of October, 2012.**

**Santa Fe Board of County Commissioners**

\_\_\_\_\_  
Liz Stefanics, Chairperson

**ATTEST:**

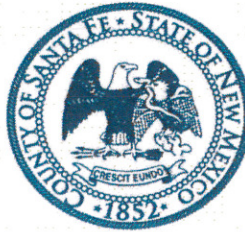
\_\_\_\_\_  
Valerie Espinoza, County Clerk



Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

**DATE:** October 9, 2012

**TO:** Board of County Commissioners

**FROM:** Vicki Lucero, Building and Development Services Manager *VL*

**VIA:** Penny Ellis-Green, Interim Land Use Administrator *PEG*

**RE:** Request for Authorization to Publish Title and General Summary of Ordinance No. 2012-\_\_\_\_\_, An Ordinance Amending Article 3, Section 3.2 of Ordinance No. 2008-10 (Flood Damage Prevention and Stormwater Management Ordinance) to adopt the new Flood Insurance Study (FIS) and Flood Insurance Rate Maps (FIRMs).

---

**BACKGROUND:**

In 2009, the Federal Emergency Management Agency (FEMA) initiated a process to revise the Flood Insurance Rate Maps (FIRMs) and Flood Insurance Study (FIS) for portions of Santa Fe County and the City of Santa Fe utilizing Federal Funds that they had acquired.

On April 27, 2010, the City of Santa Fe and Santa Fe County held a joint "Kick off" meeting to discuss flood mapping issues to be included or addressed during the Flood Insurance Rate Map (FIRM) Study process.

During the course of the floodplain study process a series of meetings were held between the City and County of Santa Fe and the Engineering Firm selected by FEMA to do the study in which the Firm provided updates on the process and gave staff the opportunity to identify any problems and/or discrepancies.

On February 18, 2011, the Preliminary Flood Insurance Rate Maps were released by FEMA. Letters were sent out by the City and County to all property owners whose properties were affected by the revised FIRMs.

On April 27 and 28 of 2011, the City and County held joint Open House meetings to answer questions and provide information to the public regarding the impacts of the revised Floodplain maps.

A 90-day appeal period began on August 11, 2011, for property owners or other entities who wanted to file an appeal or protest in regards to the revised Floodplain maps. Several protests and appeals were filed and reviewed by FEMA.

Upon resolution of the appeals and protests and finalization of the FIRMs and FIS, a Letter of Final Determination was issued by FEMA on June 4, 2012, which stated that the new Flood Insurance Rate Maps and Flood Insurance Study will become effective on December 4, 2012.

On August 21, 2012, Santa Fe County received a letter of official notification that we only have until December 4, 2012, to adopt a Floodplain Management Ordinance that incorporates the new FIRMs and FIS.

**RECOMMENDATION:**

Santa Fe County Ordinance No. 2008-10 (Flood Damage Prevention and Stormwater Management Ordinance) currently references the previous FIRMs and FIS dated June 17, 2008. The County is required to adopt the new flood maps in order to be in compliance with the National Flood Insurance Program (NFIP). If the Ordinance is not amended to reflect the effective date of the new maps, Santa Fe County will be considered for suspension from the NFIP which means that we will no longer be eligible for Federal Disaster Aid or loans backed by the federal government.

The only change from the current ordinance is the adoption of the December 4, 2012, FIRMs and FIS.

Staff recommends the Santa Fe Board of County Commissioners approve the request to publish title and general summary of Ordinance No. 2012-\_\_\_\_.

**EXHIBITS:**

1. Proposed Ordinance
2. Current Floodplain Ordinance

# SANTA FE COUNTY

## Ordinance No. 2012-\_\_\_\_\_

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**An Ordinance Amending Ordinance No. 2008-10, The Santa Fe County Flood Damage Prevention and Stormwater Management Ordinance, Article 3, Section 3.2, to modify the date of the effective Flood Insurance Study and Flood Insurance Rate Maps for Santa Fe County**

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**NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF SANTA FE COUNTY THAT ARTICLE 3 OF THE SANTA FE COUNTY FLOOD DAMAGE PREVENTION AND STORMWATER MANAGEMENT ORDINANCE , ORDINANCE NO. 2008-10 IS HEREBY AMENDED AS FOLLOWS:**

### Section 3.2

The Special Flood Hazard Areas identified by the Federal Emergency Management Agency in the current scientific and engineering report entitled, "The Flood Insurance Study for Santa Fe County, New Mexico," dated December 4, 2012, with Flood Insurance Rate Maps and/or Flood Boundary-Floodway Maps (FIRM and FBFM) and all subsequent amendments and/or revisions, are hereby adopted by reference and declared to be a part of this Ordinance. The FIS and attendant mapping represent the minimum area of applicability of this Ordinance and may be supplemented by studies for other areas which allow implementation of this Ordinance and which are recommended to the Board of County Commissioners by the Flood Plain Administrator. This FIS and FIRMs are on file at Santa Fe County, Growth Management Department, Land Use Division at 102 Grant Avenue, Santa Fe, New Mexico.

**PASSED, ADOPTED AND APPROVED THIS** \_\_\_\_\_ day of \_\_\_\_\_, 2012, by the Santa Fe County Board of County Commissioners.


Board of County Commissioners

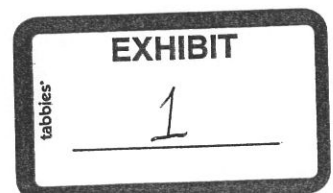
\_\_\_\_\_  
Liz Stefanics

ATTEST:

\_\_\_\_\_  
Valerie Espinoza, County Clerk

APPROVED AS TO FORM

  
\_\_\_\_\_  
Stephen C. Ross, County Attorney

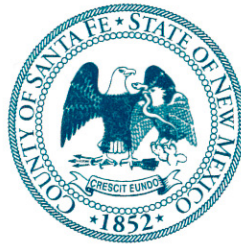


**NO PACKET MATERIAL  
FOR THIS ITEM**

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

# MEMORANDUM

**DATE:** October 1, 2012

**TO:** Santa Fe Board of County Commissioners

**FR:** Rita B. Maes, Constituent Services Liaison on behalf of Commissioner Virginia Vigil

**RE:** Community Presentation by Agua Fria Village Residents on History and Concerns

---

**Item and Issue:**

Commissioner Vigil invited residents of Agua Fria Village to address the Board of County Commissioners to provide a community update on issues and concerns.

William Mee, President of the Agua Fria Village Association will moderate a power point presentation illustrating the history, infrastructure and topics of concern. Several residents of the Village will be in attendance to assist with the presentation.

**Action Recommendation:**

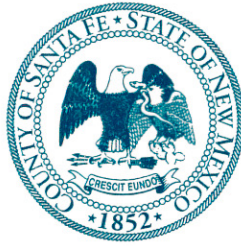
For informative purposes only; no action required.

**NO PACKET MATERIAL  
FOR THIS ITEM**

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

# MEMORANDUM

**DATE:** September 28, 2012  
**TO:** Santa Fe Board of County Commissioners  
**FR:** Rita B. Maes, Constituent Services Liaison  
**RE:** Proclamation to Raise Awareness of Domestic Violence during the month of October

---

## **Item and Issue:**

Commissioner Vigil is pleased to sponsor a proclamation in support of advocates and service providers to help raise awareness of Domestic Violence during the month of October.

## **Background Summary:**

Each year Congress passes Commemorative Legislation declaring *October as Domestic Violence Awareness Month*. The intent is to raise awareness of domestic violence and connect advocates and service providers across the country who work to end violence against women and their children.

## **Recommendation:**

Commissioner Vigil seeks approval from the Board of County Commissioners to join Congress and cities and counties across the country to proclaim October as "Domestic Violence Awareness Month".



## *Santa Fe County Proclamation*

**WHEREAS**, almost one-third of American women murdered each year are killed by their current or former partner, usually a husband;

**WHEREAS**, approximately 1 million women in America annually report being stalked and many children suffer or witness abuse in their homes;

**WHEREAS**, domestic violence spills over into schools and places of work and affects people from every walk of life;

**WHEREAS**, children experiencing domestic violence are at higher risk for failure in school, emotional disorders, substance abuse and perpetrating violent behavior later in life; and

**WHEREAS**, Santa Fe County partners and supports the City of Santa Fe, Esperanza Shelter for Battered Families and many other agencies who have created a Coordinated Community Response Council to End Domestic Violence, Sexual Assault and Stalking in the City and County of Santa Fe.

**NOW THEREFORE**, the Board of Santa Fe County Commissioners does hereby proclaim October as

### **Domestic Violence Awareness Month**

and calls on all Santa Feans to commit to preventing domestic violence and to assisting those who suffer from it, so that our collective efforts will contribute to peace in our homes, schools, places of work, and our community to ensure the safety of countless children and adults.

***APPROVED, ADOPTED AND PASSED, ON THIS 9th DAY OF October 2012.***

\_\_\_\_\_  
Liz Stefanics, Chair  
District 5

\_\_\_\_\_  
Kathy Holian, Vice Chair  
District 4

\_\_\_\_\_  
Commissioner Danny Mayfield  
District 1


\_\_\_\_\_  
Commissioner Virginia Vigil  
District 2

\_\_\_\_\_  
Commissioner Robert A. Anaya  
District 3

\_\_\_\_\_  
Katherine Miller, County Manager

APPROVED AS TO FORM

ATTEST:

  
\_\_\_\_\_  
Stephen C. Ross, County Attorney

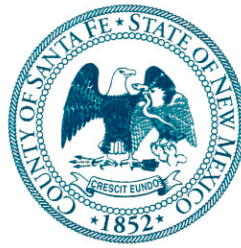
\_\_\_\_\_  
Valerie Espinoza - County Clerk



Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

# MEMORANDUM

**DATE:** October 1, 2012

**TO:** Santa Fe Board of County Commissioners

**FR:** <sup>RBM</sup> Rita B. Maes, Constituent Services Liaison on behalf of Commissioner Virginia Vigil

**RE:** Certificate of Recognition to SFC Public Works Project Manager David Padilla

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David Padilla, Santa Fe County Public Works Project Manager won the Community Hero Award for Esperanza Shelter and is the recipient of the New Mexico Coalition Against Domestic Violence Award.

The New Mexico Coalition against Domestic Violence is a statewide organization who annually recognizes individuals who support their local domestic violence programs. David was nominated by Esperanza Shelter and was selected as the 2012 recipient of this honorable statewide award.

Commissioner Vigil on behalf of the Board of County Commissioners would like to recognize David Padilla with a Certificate of Recognition for his dedication and example of professional excellence in the workplace.

Attached is the nomination letter submitted by the Esperanza Director and Board.

## Community Hero Award for Esperanza Shelter is David Padilla



**P.O. Box 5701  
Santa Fe, NM 87502  
505.474.5536  
505.474.5826 fax  
www.esperanzashelter.org**

### **Board of Directors**

Karla Quintana, President  
Elaine S. Cravens, Vice President  
Jerry Trujillo, Secretary  
Ann Rader-Tate, Treasurer

Patrick Barry  
Lin Bartucca  
Kevin Brennan  
Shelly Koffler  
Pearl Mohnkern  
Rochelle Perrier  
Henry Etta Waters  
Marcos Zubia

### **Executive Director**

Sherry Taylor

For nearly a decade Esperanza has been in the process of accessing a new Support Center in Santa Fe. Many state and local agencies have whole heartedly supported this process that has resulted in beautiful space where we can assist families experiencing violence within Santa Fe County. I would like to thank the State of New Mexico, Santa Fe County, City of Santa Fe and everyone who has who has supported this project for Esperanza Shelter for Battered Families over the years!

However, there is one person that I would like to nominate for the Community Hero Award for 2012. Dave Padilla has been the Project Manager for Santa Fe County for our 7500 square foot, two million dollar Support Center over the last two years. Throughout the entire project, Dave has gone over and above his scope of work to be there for Esperanza and to better serve victims of domestic violence within our area! He has exceeded any job description to ensure that all of the permits, contractors, entities, the move, water leaks, solid waste, HVAC issues, landscaping, fences blowing down, and more contractors Many times when things have gone wrong, Dave has come in on his days off and after hours to address gas leaks or pipes blowing water inside and out. He assisted with our Ground Breaking and Grand Opening events. Dave truly deserves to be recognized as a champion for the all of the detailed attention to this project over the last two years. David has represented Santa Fe County as a caring and professional liaison as our Project Manager with patience and unsurpassed commitment to his work and to our cause.

On several occasions when contractors were not responsive to issues with the new build and building, Dave was here, on the roof, under the building and assisting with unforeseen crisis's.

As a Project Manager, David Padilla's only job is to oversee a project. His heart and can do spirit has made our new home a place to be proud of with the absolute minimal amount of stress on everyone!

Last month we needed help with specs and estimates for a new kitchen for our shelter. David jumped at the chance to help Esperanza with this project on his own time. He has offered to help in any way possible to help with all aspects of this project that is unrelated to County activity.

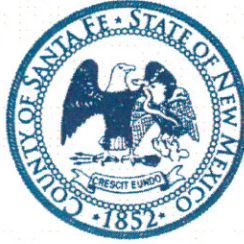
Here at Esperanza we truly appreciate Dave Padilla for going above and beyond to make our new Support Center is the very best it can be for families experiencing violence in their homes on Santa Fe!

Sherry Taylor  
Executive Director

**Daniel "Danny" Mayfield**  
*Commissioner, District 1*

**Virginia Vigil**  
*Commissioner, District 2*

**Robert A. Anaya**  
*Commissioner, District 3*




**Kathy Holian**  
*Commissioner, District 4*

**Liz Stefanics**  
*Commissioner, District 5*

**Katherine Miller**  
*County Manager*

## MEMORANDUM

**Date:** October 9, 2012  
**To:** Board of County Commissioners  
**From:** Penny Ellis-Green, Assistant County Manager   
**Subject:** Appointment of a Member to the Santa Fe County Ethics Board

---

Ordinance 2010-12 created the Santa Fe County Ethics Board which consisted of three members to be appointed by the BCC for two year terms.

At the November 8, 2011 Board of County Commission Meeting, Ordinance No. 2011- 9, was approved. An Ordinance Enacting Amendments To Ordinance No. 2010-12 (The Santa Fe County Code Of Conduct), Amending Definitions, Amending Disclosures To Require Affirmative Disclosure Of Conflicts Resulting In Recusal Or Otherwise, Increasing The County Ethics Board To Five Members, Including An Additional Penalty Of Removal From Office, And Repealing Inconsistent Language.

As you are aware, the County Ethics Board lost a Board Member, Mr. Randy Forrester who served as the Chair of the Board. Mr. Forrester passed away in August.

During the last period of recruitment in which the County advertised for applicants to fill a one member seat on the Ethics Board, staff interviewed many applicants. There were two outstanding candidates but there was only one position to be filled. As there is a vacancy, staff would like to bring forward the name of Mr. W. Peyton George to serve on the Ethics Board.

### **Recommendation**

Mr. George brings vast knowledge and experience and would serve the Ethics Board well. It is recommended that Mr. W. Peyton George be appointed to the Santa Fe County Ethics Board.

### **Attachments**

Resume of Mr. George is attached.

## W. Peyton George

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**From:** W. Peyton George [peyton@newcapitalsolutions.com]  
**Sent:** Friday, January 13, 2012 5:42 PM  
**To:** 'lroybal@santacounty.org'  
**Subject:** SF New Mexican Article Seeking Ethics Board Volunteers  
**Attachments:** SF Co ethic Bio.pdf

1/13/12

Ms. Roybal:

Attached is a summary of some of my several experiences. I have certainly dealt with my share of disciplinary proceedings in civilian law enforcement, legal, and military assignments over many years. I would need to know what time commitment this might entail, if my background and experience was of any interest to you. We do travel some.

I have owned property in Santa Fe County for many years, but only became a full time resident and voter last year. I took the Multi State Professional Responsibility (MPRE) exam a couple years ago when I naively thought New Mexico might soon permit reciprocity for lawyers, since now being surrounded by states that do. The MPRE is the "ethics" exam now required for all lawyers in all states. The New Mexico Supreme Court only requires a scaled score of 75. My score was 111. I have a very limited web site at [www.georgelegal.com](http://www.georgelegal.com) with a photo, and for any info it may provide.

Please call if you have any questions or if I may provide more information.

Regards,  


W. Peyton George  
907 Old Santa Fe Trail  
Santa Fe, NM 87505  
505-690-4001 cell

**W. PEYTON GEORGE**  
**907 Old Santa Fe Trail**  
**Santa Fe, NM 87505**

(505) 984-2133

**EDUCATION:**

Bachelor of Science, Math and Physics, University of Central Oklahoma

Juris Doctor, Law, American University, Washington, DC

Oklahoma City Police Academy

FBI Academy, Quantico, VA

Military Police Officer (MP) Career Course, Fort Gordon, GA

Judge Advocate General (JAG) Officer Career Course, Charlottesville, VA

Command and General Staff Course, Fort Leavenworth, KS

U. S. Army War College, Carlisle, PA

**CIVILIAN EXPERIENCES**

Partner, Lathrop and Gage, Partner, Miles and Stockbridge (Managing Partner, DC Office for both 200 Lawyer Firms) Lawyer/Lobbyist

for various national clients, including Black & Decker, Pepsico, Inc., Pizza Hut, Wendy's, Lawyers Title, Florida Gas, Frito Lay,

Helmerich & Payne, Inc., dealing with Congress and Federal Agencies. Private law and consulting practice in small firms.

Executive Assistant to Administrator, FmHA, Banking Agency at USDA with 6000 employees and 3 Billion Budget

Congressional Liaison Officer, on Personal Staff of two Cabinet Members,

Special Agent, Federal Bureau of Investigation, Richmond and Lynchburg, VA, Newark and Atlantic City, NJ, and Washington, D. C. In addition to service in three field offices and two Resident Agencies, worked on several Specials, and ran Soviet Intelligence Double Agent cases while simultaneously obtaining law degree and staying, and being promoted twice, in the Army Reserve

Police Officer, Oklahoma City Police Department (Also completed College during Day)

Grew Up on family Dairy Farm and Ranch

**MILITARY EXPERIENCES**

Platoon Leader, Military Police Company, 95th Infantry Division, USAR

Staff Judge Advocate, 352nd Civil Affairs Command, Riverdale, MD , USAR

**Continued on next page**

Staff Judge Advocate, 97th USARCOM, Fort Meade, MD (14,000 reservists from Maine to Florida)

Legal Advisor, Joint Service Military exercise, Rapid Deployment Joint Task Force, (now CENTCOM). Direct Report to 3 Star General

Chief of Litigation, (IMA), Office of the Judge Advocate General, Pentagon

Legal Advisor, Commander, Army Material Command, Direct Report to 4 Star General

Commander of 10th Military Law Center, Andrews Air Force Base, MD, USAR, 50 JAG Officers, 50 EM

Colonel, Army JAG, AUS (Ret) with 34 Years Active and Reserve Service, Highest Award: Legion of Merit

#### **LICENSES/CERTIFICATIONS**

Member VA, DC and OK Bars in Active Status plus. U. S. Supreme Court and lesser Federal Courts Bars.

Class A CDL with Doubles, Triples, Tanker, Passenger and Hazmat Endorsements

Concealed Carry Permit

Certified Scuba Diver

#### **MEMBERSHIPS**

Soc. of Former. Special Agents of the FBI (Fmr. Vice Chairman, Legal Affairs, Fmr. Chairman Recruitment),

Reserve Officers Association, Life Member

National Rifle Association, Life Member

32nd Degree Mason and Shriner

Family Motor Coach Association

Retired Army Judge Advocate Association

Daniel "Danny" Mayfield  
Commissioner, District 1

Virginia Vigil  
Commissioner, District 2

Robert A. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

## MEMORANDUM

To: Board of County Commissioners

From: Teresa Martinez, Finance Director *TM*

Through: Katherine Miller *KM*

Date: October 9, 2012

RE: ***A resolution requesting a budget increase to the Water Enterprise Fund (505) for a construction reimbursement fee paid by Desert Academy to reimburse developers of the Old Las Vegas Highway Low Pressure Sewer Line/ \$60,580***

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## ISSUE

The Finance Division is seeking approval to increase the Water Enterprise Fund (505) to budget for a construction reimbursement fee payment received by Desert Academy to reimburse HHS Inc., and Bosan Vocale, Inc. for 4,200 feet of the Old Las Vegas Highway Low Pressure Sewer line utilized by their facility.

## BACKGROUND

Pursuant to Santa Fe County Ordinance 2010-16, the Water Utility Department is responsible for collecting and reimbursing the developers of the Old Las Vegas Highway Low Pressure Sewer line for each new service connection that occurs after the original construction of the line. Desert Academy is the first organization/property to connect to the line. The construction reimbursement was calculated based upon the construction plans for the sewer line extension.

Desert Academy has made payment for its required construction reimbursement fee and Santa Fe County is responsible to "pass-through" the funds to the original sewer line developers.

## RECOMMENDATION

The Finance Division recommends that the Water Enterprise Fund (505) be increased to budget the construction reimbursement fee received from Desert Academy and allow for the pass-through of those funds.

SANTA FE COUNTY

RESOLUTION 2012 - \_\_\_\_\_

A RESOLUTION REQUESTING AUTHORIZATION TO MAKE THE BUDGET ADJUSTMENT DETAILED ON THIS FORM

Whereas, the Board of County Commissioners meeting in regular session on October 9, 2012, did request the following budget adjustment:

Department / Division: PW/Utilities & CMO/Finance Fund Name: Water Enterprise Fund (505)

Budget Adjustment Type: Increase Fiscal Year: 2013 (July 1, 2012 - June 30, 2013)

BUDGETED REVENUES: (use continuation sheet, if necessary)

FUND CODE XXX	DEPARTMENT/DIVISION XXXX	ACTIVITY BASIC/SUB XXX	ELEMENT/OBJECT XXXX	REVENUE NAME	INCREASE AMOUNT	DECREASE AMOUNT
505	1410	360	0130	Miscellaneous Revenue – Contribution, Donation, Agreement – Construction Reimbursements	\$60,580	
<b>TOTAL (if SUBTOTAL, check here)</b>					\$60,580	\$

BUDGETED EXPENDITURES: (use continuation sheet, if necessary)

FUND CODE XXX	DEPARTMENT/DIVISION XXXX	ACTIVITY BASIC/SUB XXX	ELEMENT/OBJECT XXXX	CATEGORY / LINE ITEM NAME	INCREASE AMOUNT	DECREASE AMOUNT
505	1410	444	7110	Water Enterprise Fund – Construction Fee Reimbursements Pass-through	\$60,580	
<b>TOTAL (if SUBTOTAL, check here)</b>					\$60,580	\$

Requesting Department Approval: Carole Jaramillo Title: Budget Administrator Date: 10/9/12

Finance Department Approval: Carole Jaramillo Date: 9/28/12 Entered by: \_\_\_\_\_ Date: \_\_\_\_\_

County Manager Approval: [Signature] Date: \_\_\_\_\_ Updated by: \_\_\_\_\_ Date: \_\_\_\_\_



# SANTA FE COUNTY

## RESOLUTION 2012 - \_\_\_\_\_

### BUDGET ADJUSTMENT CONTINUATION SHEET

ATTACH ADDITIONAL SHEETS IF NECESSARY.

DEPARTMENT CONTACT: Name: Carole Jaramillo Dept/Div: CMO/Finance Phone No.: 986-6321

DETAILED JUSTIFICATION FOR REQUESTING BUDGET ADJUSTMENT (If applicable, cite the following authority: State Statute, grant name and award date, other laws, regulations, etc.):

1) Please summarize the request and its purpose.

This Resolution will increase the Water Enterprise Fund (505) to budget a construction reimbursement fee payment received from Desert Academy to reimburse the developers of the Old Las Vegas Highway Low Pressure Sewer Extension for their share of construction costs.

a) Employee Actions

Line Item	Action (Add/Delete Position, Reclass, Overtime)	Position Type (permanent, term)	Position Title

b) Professional Services (50-xx) and Capital Category (80-xx) detail:

Line Item	Detail (what specific things, contracts, or services are being added or deleted)	Amount

• 2) Is the budget action for RECURRING expense \_\_\_\_\_ or for NON-RECURRING (one-time only) expense  X \_\_\_\_\_

# SANTA FE COUNTY

## RESOLUTION 2012 - \_\_\_\_\_

*ATTACH ADDITIONAL SHEETS IF NECESSARY.*

**DEPARTMENT CONTACT:**

Name: Carole Jaramillo Dept/Div: CMO/Finance Phone No.: 986-6321

**DETAILED JUSTIFICATION FOR REQUESTING BUDGET ADJUSTMENT (If applicable, cite the following authority: State Statute, grant name and award date, other laws, regulations, etc.):**

- 3) Does this request impact a revenue source? If so, please identify (i.e. General Fund, state funds, federal funds, etc.), and address the following:
  - a) If this is a state special appropriation, YES \_\_\_\_\_ NO x  
If YES, cite statute and attach a copy.

Contributions, Agreements & Miscellaneous revenue in the Water Enterprise Fund

- b) Does this include state or federal funds? YES \_\_\_\_\_ NO x  
If YES, please cite and attach a copy of statute, if a special appropriation, or include grant name, number, award date and amount, and attach a copy of a award letter and proposed budget.
- c) Is this request is a result of Commission action? YES x NO \_\_\_\_\_  
If YES, please cite and attach a copy of supporting documentation (i.e. Minutes, Resolution, Ordinance, etc.).  
  
Ordinance 2010-16
- d) Please identify other funding sources used to match this request.

**SANTA FE COUNTY**

**RESOLUTION 2012 - \_\_\_\_\_**

**NOW, THEREFORE, BE IT RESOLVED** by the Board of County Commissioners of Santa Fe County that the Local Government Division of the Department of Finance and Administration is hereby requested to grant authority to adjust budgets as detailed above.

**Approved, Adopted, and Passed This 9th Day of October, 2012.**

**Santa Fe Board of County Commissioners**

\_\_\_\_\_  
Liz Stefanics, Chairperson

**ATTEST:**

\_\_\_\_\_  
Valerie Espinoza, County Clerk

E. Recreational Vehicles

- a. Recreational vehicles placed on sites within Zone A, Zones A1-30, Zone AR, Zone AO, Zone AH, Zone D and Zone AE on the effective FIRM must either be:
  - i. On the site for fewer than 180 consecutive days, or
  - ii. Fully licensed and ready for highway use, or
  - iii. Meet the permit requirements of Article 3, §3.3, and the elevation and anchoring requirements for manufactured homes in paragraph (D) of this Section.
- b. A recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick disconnect type utilities and security devices, and has no permanently attached additions.

**SECTION 3.8 STANDARDS FOR ZONE AO AND ZONE AH**

Areas of special flood hazard depicted on the effective FIRM as Zone AO or Zone AH, and as established in Article 2, §2.2C, Article 3, §3.2 and §3.10 where a regulatory floodway has not been established, and where the development is not otherwise prohibited by Article 3, §3.6, the following provisions apply:

- A. All new construction and substantial improvements of residential structures have the lowest floor (including basement) elevated above the highest adjacent grade at least two (2) feet above the depth number specified in feet on the FIRM (at least three feet above highest adjacent grade if no depth number is specified);
- B. All new construction and substantial improvements of nonresidential structures shall;
  - a) have the lowest floor (including basement) elevated above the highest adjacent grade at least two (2) feet above the depth number specified in feet on the FIRM (at least three (3) feet if no depth number is specified), or;
  - b) together with attendant utility and sanitary facilities be designed so that below the base flood level the structure is watertight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads of effects of buoyancy.
- C. A registered professional engineer or architect shall submit a certification to the Floodplain Administrator that the standards of this Ordinance are satisfied; and
- D. Require within Zones AH or AO adequate drainage paths around structures on slopes, to guide flood waters around and away from proposed structures.

**SECTION 3.9 STANDARDS FOR ZONE AE WITH FLOODWAY**

Areas of special flood hazard depicted on the effective FIRM as Zone AE Regulatory Floodway, and as established in Article 3, §3.2 are areas designated as floodways. The floodway is an extremely hazardous area due to the velocity of flood waters which carry debris, potential projectiles and erosion potential, and due to these extreme hazards the following provisions apply:

- A. Encroachments are prohibited, including fill, new construction, substantial improvements and other development unless certification by a professional registered engineer or architect is provided demonstrating that encroachments shall not result in any increase (0.0 feet) in flood levels within the community during the occurrence of the base flood discharge.
- B. New habitable structures of any kind are prohibited
- C. Fill or deposition of materials will only be allowed if:
  - a. No material is deposited in the channel or arroyo unless a Floodplain Development Permit is issued by Santa Fe County pursuant to Article 4 and a permit pursuant to Section 404 of the Federal Water Pollution Control Act, Amendments of 1972, 33 U.S.C. 1344 has been issued, if applicable, and the other requirements of this Ordinance are met;
  - b. The fill or other materials will be protected against erosion by riprap, vegetative cover, sheet piling or bulkheading; and:
  - c. The fill is not classified as a solid or hazardous material.
- D. No modification or addition shall be allowed to any nonconforming structure or any structure with a nonconforming use in a floodway area, unless such modification, addition or development is not otherwise prohibited by Article 3, §3.6, and
  - a. Has been granted a permit or variance which meets all Ordinance requirements, and:
    - ii. Will not increase the obstruction to flood flows or regional flood height;
    - iii. Any addition to the existing structure shall be floodproofed, pursuant to Article 3, Section 3.8 by means other than the use of fill, to 2 feet above the base flood elevation;
    - iv. If any part of the foundation below the base flood elevation is enclosed, the following standards shall apply:
      - 1. The enclosed area shall be designed by a registered architect or engineer to allow for the efficient entry and exit of flood waters without human intervention. A minimum of two openings must be provided with a minimum net area of at least one square inch for every one square foot of the enclosed area. The lowest part of the opening can be no more than 12 inches above the adjacent grade;

2. The parts of the foundation located below the flood protection elevation must be constructed of flood-resistant materials;
  3. Mechanical and utility equipment must be elevated or floodproofed to or above the flood protection elevation; and
  4. The use must be limited to parking or limited storage.
- E. No new well or modification to an existing well used to obtain potable water shall be allowed in a floodway area. Any replacement, repair or maintenance of an existing well in a floodway area shall meet the applicable requirements of all Santa Fe County Ordinances and other federal, state or local agency criteria.
- F. No new on-site sewage disposal system, or addition to an existing on-site sewage disposal system, except where an addition has been ordered by a government agency to correct a hazard to public health, shall be allowed in a floodway area. Any replacement, repair or maintenance of an existing on-site sewage disposal system in a floodway area shall meet the applicable requirements of all Santa Fe County Ordinances and other federal, state or local agency criteria.
- G. Under the provisions of 44 CFR, Chapter 1, § 65.12, of the National Flood Insurance Program Regulations, Santa Fe County may permit encroachments within the adopted regulatory floodway that would result in an increase in base flood elevations, provided that all of the provisions required by Article 4, §4.5 and 44 CFR, Section 65.12 are met.

### **SECTION 3.10 STANDARDS FOR SUBDIVISION PROPOSALS**

- A. All subdivision proposals including manufactured home parks and subdivisions shall be consistent with Article 1, § 1.2 and Article 1, § 1.3 of this Ordinance.
- B. All proposals for the development of subdivisions including manufactured home parks and manufactured home subdivisions shall meet the requirements of Article 3, §3.3, Article 5, §5.3 and all other applicable provisions of this Ordinance.
- C. Base flood elevation data shall be generated for subdivision proposals and other proposed development including placement of manufactured home parks and manufactured home subdivisions greater than 50 lots or 5 acres, whichever is lesser, if not otherwise provided pursuant to Article 3, §3.2, or Article 2, §2.2C(a), of this Ordinance.
- D. All subdivision proposals including manufactured home parks and manufactured home subdivisions shall have adequate drainage provided to reduce exposure to flood hazards.
- E. All subdivision proposals including manufactured home parks and manufactured home subdivisions shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize or eliminate flood damage per Article 3, §3.4G.

- F. A Stormwater Management Analysis, prepared pursuant to Article 3, §3.3 and Article 5, §5.1 must be submitted and approved by the Floodplain Administrator prior to recordation of the Final Development Plan.

### **SECTION 3.11 REMOVAL OF LAND FROM FLOODPLAIN**

Compliance with the provisions of this Ordinance shall not be grounds for removing lands from the floodplain unless they are removed through the Letter of Map Amendment (LOMA) or Letter of Map Revision (LOMR) process per Article 4, §4.5 or the FIRM is reissued by FEMA pursuant to 44 CFR, §65.6.

### **SECTION 3.12 FLOODPROOFING**

- A. No permit or variance shall be issued based on floodproofing until the Applicant submits a plan certified by a registered professional engineer or architect that the floodproofing measures will protect the structure or development to the flood protection elevation, and meet current FEMA criteria for floodproofing.
- B. Floodproofing measures shall be designed to:
- a. Withstand flood pressures, depths, velocities, uplift and impact forces and other regional flood factors;
  - b. Protect structures to 2' above the base flood elevation;
  - c. Anchor structures to foundations to resist flotation and lateral movement; and
  - d. Insure that structural walls and floors are watertight to the flood protection elevation, and the interior remains completely dry during flooding without human intervention.
- C. The following floodproofing measures may be required without limitation because of specific enumeration:
- a. Anchorage to resist flotation and lateral movement;
  - b. Installation of watertight doors, bulkheads and shutters or similar methods of construction;
  - c. Reinforcement of walls to resist water pressures;
  - d. Use of paints, membranes or mortars to reduce seepage of water through walls.
  - e. Addition of mass or weight to structures to resist flotation;
  - f. Installation of pumps to lower water level in structures;
  - g. Construction of water supply and waste treatment systems so as to prevent the entrance of floodwaters;
  - h. Pumping facilities or comparable practices for subsurface drainage systems for buildings or structures to relieve external foundation wall and basement flood pressures;

- i. Construction to resist rupture or collapse caused by water pressure or floating debris;
- j. Installation of valves or controls on sanitary and storm drains which will permit the drains to be closed to prevent backup of sewage and storm waters into the building or structure;
- k. Location of all electrical equipment, circuits and installed electrical appliances in a manner which will assure they are not subject to flooding and to provide protection from inundation by the base flood.



**ARTICLE 4**

**FLOODPLAIN DEVELOPMENT PERMIT PROCEDURAL REQUIREMENTS**

**SECTION 4.1 AREAS REQUIRING A FLOODPLAIN DEVELOPMENT PERMIT**

- A. For development within a designated SFHA, including lands which are traversed by, bisected by, or directly adjacent to the SFHA designated on the effective FIRM as described in Article 2, §2.2C, Article 3, §3.2 and Article 3, §3.10, a Floodplain Development Permit issued by the Floodplain Administrator in conformity with the provisions of the Ordinance shall be secured pursuant to Article 3, §3.3(B) prior to commencement of construction.

**SECTION 4.2 NON-ELIGIBLE NEW DEVELOPMENT OR CONSTRUCTION**

At no time shall a Floodplain Development Permit be issued for a new dwelling unit site, lot, parcel or tract of land intended for placement of a habitable structure including single family homes, residential subdivisions, modular home sites and modular home subdivisions where the site is:

- i. An alternative buildable area located outside the limits of the SFHA is available;
- ii. Unable to be removed from the SFHA through the formal FEMA map revision process described in Article 4, § 4.4;
- iii. Absent all weather access.

**SECTION 4.3 PROCEDURES FOR SUBDIVISION PROPOSALS**

All subdivision proposals which include area traversed by, bisected by, or directly adjacent to SFHA, including manufactured home parks and manufactured home subdivisions shall be required to secure a Floodplain Development Permit per Article 4, §4.4, and:

- A. SFHA may be used in computation of density;
- B. SFHA may be utilized to meet open space criteria;
- C. Primary and secondary subdivision access as required by County Code must be all weather access;
- D. For phased subdivisions, an overall Master Drainage Analysis shall be provided which demonstrates that floodplain management policies and stormwater management criteria will be compliant with this Ordinance and function independently in each phase, or construction of the entire conveyance system will be required in the first phase of construction.

#### **SECTION 4.4 FLOODPLAIN DEVELOPMENT PERMIT ISSUANCE**

A Floodplain Development Permit shall be issued by the Floodplain Administrator and recorded with the Plat, Warranty Deed and/or Development Permit only after:

- A. A detailed Stormwater Management Analysis prepared pursuant to the criteria outlined in Article 5 is submitted and approved by all local, state and federal agencies as required.
- B. Approval or denial of a Floodplain Development Permit by the Floodplain Administrator shall be based on all of the provisions of this Ordinance and the following relevant factors:
  - a. The danger to life and property due to flooding or erosion damage;
  - b. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner;
  - c. The danger that materials may be swept onto other lands to the injury of others;
  - d. The compatibility of the proposed use with existing and anticipated development;
  - e. The safety of access to the property in times of flood for ordinary and emergency vehicles;
  - f. The costs of providing governmental services during and after flood conditions including maintenance and repair of streets and bridges, and public utilities and facilities such as sewer, gas, electrical and water systems;
  - g. The expected heights, velocity, duration, rate of rise and sediment transport of the flood waters and the effects of wave action, if applicable, expected at the site;
  - h. The availability of alternative locations, not subject to flooding or erosion damage, for the proposed use;
  - i. All necessary state and federal permits have been attained.

#### **SECTION 4.5 MAP REVISION/AMENDMENT PROCEDURES**

In the event that development of any kind alters the width, height, location or character of the SFHA, or if an applicant makes a request to FEMA to remove a parcel, tract, lot, or structure from the SFHA, National Flood Insurance Program (NFIP) regulations provide procedures to remove property from the 100-year floodplain (SFHA). These procedures must be followed prior to issuance of permits per Article 2, § 2.2A(e).

- A. The Federal Insurance Administrator (FIA) will review information from the community, an owner, or a lessee of property where it is believed the property should not be included in a Special Flood Hazard Area. Submissions to FEMA for revisions to effective Flood Insurance Studies (FIS) by individual and community requesters will require the signing of FEMA application/certification forms by the Floodplain Administrator. These forms will provide FEMA

with assurance that all pertinent data relating to the revision is included in the submittal. They will also assure that:

- a. The data and methodology are based on current conditions;
- b. Qualified professionals have assembled data and performed all necessary computations;  
and
- c. All individuals and organizations impacted by proposed changes are aware of the changes and will have an opportunity to comment on them.

B. FEMA procedures as defined in 44 CFR § 65 permits the following types of requests:

a. A revision to the effective FIS information (FIRM, FBFM, and / or FIS report) is usually a request that FEMA replace the effective floodplain boundaries, flood profiles, floodway boundaries, etc., with those determined by the requester. Before FEMA will replace the effective FIS information with the revised, the requester must:

- i. provide all of the data used in determining the revised floodplain boundaries, flood profiles, floodway boundaries, etc.;
- ii. provide all data using detailed methods necessary to demonstrate that the physical modifications to the floodplain have been adequately designed to withstand the impacts of the 1% annual chance flood event and will be adequately maintained;
- iii. Demonstrate that the revised information (e.g., hydrologic and hydraulic analyses and the resulting floodplain and floodway boundaries) are consistent with the effective FIS information.

C. Applicant's requests for amendments or revisions to FEMA maps must be reviewed and submitted to FEMA by Santa Fe County. The Applicant for a map amendment or revision is required to prepare all the supporting information and appropriate FEMA forms, obtain necessary signatures and remit all review fees to Santa Fe County for review and submission to FEMA. The scientific or technical information to be submitted with these requests must be based on current FEMA requirements and may include, but is not limited to the following:

- a. An actual copy of the recorded Plat bearing the seal of the County Clerk indicating the official recordation and proper citation, Deed or plat book volume and page number, or an equivalent identification where annotation of the deed or plat book is not the practice.
- b. A topographical map showing:
  - i. Ground elevation contours in relation to North American Datum 1983 (NAD 83).
  - ii. The total area of the property in question.

- iii. The location of the structure or structures located on the property in question.
  - iv. The elevation of the lowest adjacent grade to a structure or structures.
  - v. An indication of the curvilinear line which represents the area subject to inundation by a base flood. The curvilinear line should be based upon information provided by an appropriate authoritative source, such as a Federal Agency, a County or City Engineer, a Federal Emergency Management Agency Flood Insurance Study, or a determination by a Registered Professional Engineer.
- c. A copy of the FIRM indicating the location of the property in question.
  - d. A certification by a Registered Professional Engineer or Licensed Land Surveyor that the lowest grade adjacent to the structure is equal to or greater than the base flood elevation.
  - e. The completion of the appropriate forms in the Federal Emergency Management Agency's Packets, Amendments and Revisions To National Flood Insurance Program Maps (MT-1 FEMA FORM 81-87 Series and MT-2 FEMA FORM 81-89 Series or latest revision).
- D. The NFIP does not allow for the removal of land from the floodplain based on the placement of fill (LOMR-F) in alluvial fan flood hazard areas. The NFIP will credit a major structural flood control project, through the LOMR process, that will effectively eliminate alluvial fan flood hazards from the protected area. Details about map revisions for alluvial fan areas can be found in the 44 CFR, § 65.13.

#### **SECTION 4.6**

#### **VARIANCE PROCEDURES**

- A. The BCC after recommendation by the County Development Review Committee (CDRC), shall hear and render judgment on a request for variance from the requirements of this Ordinance.
- B. The CDRC may recommend and the BCC take action on an appeal of the Floodplain Administrator's decision only when it is alleged there is an error in any requirement, decision, or determination made by the Floodplain Administrator in the enforcement or administration of this Ordinance.
- C. Any person or persons aggrieved by the decision of the BCC may appeal such decision to a court of competent jurisdiction within thirty days of the BCC decision.
- D. The Floodplain Administrator shall maintain a record of all actions involving an appeal and shall report variances to the Federal Emergency Management Agency upon request.

- E. Variances may be issued for the reconstruction, rehabilitation or restoration of structures listed on the National Register of Historic Places or the State Inventory of Historic Places, without regard to the procedures set forth in the remainder of this Ordinance.
- F. Variances may be issued for new construction and substantial improvements to be erected on a lot of one-half acre or less in size contiguous to and surrounded by lots with existing structures constructed below the base flood level, providing the relevant factors in Section C(2) of this Article have been fully considered. As the lot size increases beyond the one-half acre, the technical justification required for issuing the variance increases.
- G. Upon consideration of the factors noted above and the intent of this Ordinance, the BCC may attach such conditions to the granting of variances as it deems necessary to further the purpose and objectives of this Ordinance (Article 1, Section C).
- H. Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood discharge would result.
- I. Variances may be issued for the repair or rehabilitation of historic structures upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a historic structure and the variance is the minimum necessary to preserve the historic character and design of the structure.
- J. Prerequisites for granting variances:
- a. Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
  - b. Variances shall only be issued upon, (i) showing a good and sufficient cause; (ii) a determination that failure to grant the variance would result in exceptional hardship to the applicant, and (iii) a determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, the creation of a nuisance, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances.
  - c. Any applicant to whom a variance is granted shall be given written notice that the structure will be permitted to be built with the lowest floor elevation below the base flood elevation, and that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.
  - d. Variances may be issued by the BCC for new construction and substantial improvements and for other development necessary for the conduct of a functionally dependent use provided that:
    - i. the criteria outlined in Article 4, Section D (1)-(9) are met, and

- ii. the structure or other development is protected by methods that minimize flood damages during the base flood and create no additional threats to public safety.

## **ARTICLE 5**

### **Stormwater Management Analysis and Design Criteria**

#### **SECTION 5.1 DETERMINATION OF SUBMITTAL REQUIREMENTS**

- A. The land disturbance process and complexity of the site and surrounding area will determine submittal requirements for a Stormwater Management Analysis for land disturbance activity or activities. The minimum information required is tabulated in Article 6, Table I.
- B. The submittal and review process does not relieve the design engineer of the responsibility to provide a correct and safe drainage design nor relieve the developer from properly constructing the designed drainage facilities.
- C. By reviewing and approving drainage designs for given developments neither Santa Fe County nor its employees will assume liability for improper drainage design nor guarantee that the final drainage design review will absolve the developer or designer of future liability for improper design.

#### **SECTION 5.2 GENERAL FORMAT OF NARRATIVE**

- A. A Stormwater Management Analysis will be required for all land disturbance activity, regardless of the nature of the activity. This analysis is required to assess potential hazard to the development from the effects of onsite and offsite stormwater runoff, and to assess the potential impact of the development on adjacent properties and on the regulatory floodplain, and must be prepared pursuant to Article 5, §5.2 and must be sealed by a professional engineer licensed in the State of New Mexico.
- B. The Stormwater Management Analysis shall be submitted with the following information included therein:
  - a. Comprehensive narrative describing:
    - i. the nature of the disturbance,
    - ii. impacts on adjacent parcels,
    - iii. impacts on the SFHA,
    - iv. offsite contributing hydrologic basin areas,

- v. onsite contributing hydrologic basin areas,
  - vi. hydrologic and hydraulic methodology,
  - vii. all weather access,
  - viii. phasing, and
  - ix. conclusions
- b. Computations and calculations supporting conclusions
  - c. Exhibits and mapping
  - d. Conceptual, preliminary or final improvement plans
- C. The post-development peak discharge shall be quantified at all design points and points of inflow and compared to the pre-development peak discharge and the quantity of stormwater released from the development shall not exceed the pre-development peak discharge;
- D. Historic drainage patterns must be maintained at points of inflow and discharge from the subject property;
- E. Incorporation of landscaped areas in the storm drainage design is encouraged;
- F. Dedication of areas impacted by stormwater as open space is encouraged.

### **SECTION 5.3 ADDITIONAL REQUIREMENTS FOR SFHA SUBMITTALS**

For all land disturbance activity including substantial improvements to existing structures proposed with the regulatory SFHA the analyses shall include:

- A. A graphic depiction of the location of the SFHA from the effective FIRM or as defined by a professional engineer;
- B. Base flood elevation (BFE) from the effective FIRM; or if a BFE is not provided on the FIRM, the Floodplain Development Permit shall not be issued until the base flood elevation has been determined through a detailed analysis prepared and sealed by a professional engineer licensed in the State of New Mexico using the most current principles and practices available and acceptable to FEMA in the establishment of regulatory floodplains (Zone A, A1-30, AO, AH, AR, AE and D) and regulatory floodways (Zone AE with floodway);
- C. Elevation (in relation to mean sea level), of the lowest floor (including basement) of all new and substantially improved structures;
- D. Elevation in relation to mean sea level to which any nonresidential structure shall be floodproofed;

- E. A certificate from a registered professional engineer or architect that the nonresidential floodproofed structure shall meet the floodproofing criteria of Article 5, Section B (2);
- F. Description of the extent to which any watercourse or natural drainage will be altered or relocated as a result of proposed development;
- G. A statement on the Plat that all or a portion of the land is in the SFHA with a reference to the effective FIRM;
- H. A statement in the Subdivision Disclosure that the project is encumbered by floodplain and that flood insurance may be required by lenders to secure a federally insured loan;
- I. Reference to the FEMA Elevation Certificate (Form 81-31 as amended) as filed along with the Plat in the Office of the County Clerk.

**SECTION 5.4****DESIGN STORM EVENT**

Peak storm discharge (Q) used for quantification of stormwater in Santa Fe County shall be based upon the following:

- A. 100-year, 24-hour recurrence interval storm event (1%) with precipitation values as quantified by:
  - a. Isopluvial maps or output from the National Oceanic and Atmospheric Association (NOAA) website.
- B. FEMA FIS for Santa Fe County.

**SECTION 5.5****HYDROLOGIC METHODOLOGY**

- A. The hydrologic analysis prepared to analyze the impact of stormwater runoff on the proposed development shall consider variable factors that affect the nature of stormwater runoff reaching and leaving the site. Factors that must be considered include:
  - a. rainfall amount and storm distribution;
  - b. drainage area size, shape, and orientation;
  - c. ground cover and soil type;
  - d. slopes of terrain and stream channel(s);
  - e. antecedent moisture condition;
  - f. storage potential (floodplains, ponds, wetlands, reservoirs, channels, etc.);
  - g. watershed development potential; and
  - h. characteristics of the contributing basins and local drainage system.



- C. The following methods have been selected by Santa Fe County to support hydrologic site analysis for the design methods and procedures readily accepted by FEMA for use in this region:
- For sites with offsite contributing drainage areas less than 50-acres, the Rational Method or TR-55 may be utilized to quantify flows.
  - For sites with offsite contributing drainage areas in an urban setting from 50-acres to 100-acres, TR-55 may be utilized.
  - For sites with offsite contributing drainage areas in rural setting greater than 50-acres or with contributing offsite areas greater than 100-acres the Soil Conservation Service (SCS) Unit Hydrograph Method or United States Geological Survey (USGS) Regression Equations TR-20, HEC-1, HEC-HMS must be utilized,
  - All project sites with on-site areas greater than 100-acres must use TR-20, HEC-1, or HEC-HMS, or alternate program acceptable to FEMA and approved by the Floodplain Administrator.
- D. Curve numbers utilized in hydrologic calculations shall be tabulated in the narrative of the analysis and shall be submitted on Standard Form 3, and based on:
- The SCS Curve Number Method as it relates to hydrologic soil group (A, B, C, or D), land use, cover and antecedent moisture condition;
  - An SCS Type II antecedent moisture condition (AMCII)
  - Composite CN values representative of prevalent soil and surface types
- E. Time of Concentration Calculations for both urban and non urban hydrologic basins shall be based on the following equations and submitted on Standard Form 2, as provided in Article 6:
- For smaller hydrologic basins (less than one square mile) the following equation is recommended:

$$t_c = t_i + t_t$$

Wherein:

$t_c$  = Time of Concentration

$t_i$  = Initial, Inlet, or Overland Flow Time

$t_t$  = Travel time in the ditch, arroyo, channel, gutter, storm sewer, etc, in minutes

$$TLAG = 0.6t_c \quad (\text{source: SCS, 1985})$$

- b. For larger hydrologic basins, the following equation (United States Bureau of Reclamation, 1989) is recommended:

$$TLAG = 20 K_n (LL_c/S^{0.5})^{0.33}$$

Wherein:

$K_n$  = Roughness Factor for the basin's channels

Urbanized Areas (watercourse primarily impervious) = .015

Natural Areas (watercourse is well defined, unimproved channels or arroyos, watershed has minimal vegetation) = .030

Natural Areas (watercourses are not well defined, and consist of small rills and braided areas. Runoff combines slowly into channel. Includes mountainous channels with large boulders and flow restrictions) = .050

(source: USACE, 1982)

$L$  = Length of the longest watercourse (miles)

$L_c$  = Length along the longest watercourse measured upstream to a point opposite the basin centroid (miles)

$S$  = representative average slope of the longest watercourse (feet per mile)

- c. The minimum recommended time of concentration for urbanized areas is five minutes.
- d. The minimum recommended time of concentration for non-urbanized areas is ten minutes.
- e. When time of concentration is computed internally to a hydrologic analysis program, the model input and output shall be provided.

## SECTION 5.6

## HYDRAULIC METHODOLOGY

Methods for establishing the hydraulic properties including flow regime, hydraulic grade line and energy grade in arroyos, culverts, open channels and closed systems such as storm drains, shall be based on methods acceptable to FEMA pursuant to Article 3, § 3.5, and:

- A. Computation of uniform flow and normal depth shall be based upon Manning's formula and Manning's roughness coefficients;
- B. Hydraulic analysis will be required for all conveyances where the contributing area exceeds 25-acres (refer to Article 6, Table 1). The analysis must be prepared utilizing a numeric model

approved pursuant to 44CFR, §65.6(a)(6) (i.e. HEC2, HECRAS, WSPRO, CulvertMaster, etc). Input and output files must be submitted for review and approval by the Floodplain Administrator;

- C. Where the contributing area is less than 25-acres, or a SFHA is not mapped by FEMA, culvert design shall be based on FHWA (Federal Highway Administration), publication No. FHWA-NHI-01.020, HDSN5 "Hydraulic Design of Highway Culverts".

**SECTION 5.7 EROSION SETBACK REQUIREMENTS**

- A. Erosion setbacks shall be provided for structures adjacent to natural arroyos, channels, or streams. The Detailed computations based on current principals and practices in determining the potential for lateral migration of channels are required. Erosion setbacks shall be contained within an easement and shall be established based on the following:
  - a. A minimum setback of 75' must be provided from all unstudied SFHA
  - b. A minimum setback of 50' must be provided from all arroyos not mapped as SFHA with flow rates in excess of 25 cubic feet per second (CFS)
- B. Setback distances must be measured from the top of bank on incised channels, with the top of bank based on a slope of 3:1 from the channel bottom (toe)
- C. Setbacks may be reduced if engineered bank stabilization is designed by the engineer and approved by the Floodplain Administrator,
- D. Setbacks may be reduced if a detailed analysis is provided by the engineer and approved by the Floodplain Administrator which demonstrates that the setback can be reduced based on stream bed and stream bank stability.
- E. In no case shall any structure be sited closer than 25' to any non-structurally stabilized conveyance.

**SECTION 5.8 STORMWATER DETENTION AND RETENTION**

Detention and/or retention of post development peak discharge is required per Article 5, § 5.1 and these storage facilities must be equipped and designed based on the following:

- A. Coincident peaks due to site detention shall be regulated through detention facility design and shall not be allowed to increase the volume of the peak anticipated at the point of discharge;
- B. An emergency spillway must be provided;
- C. Detention or retention facilities which impound a volume of 10 acre feet, or facilities that have and embankment height of greater than 10-feet will require the approval of the State Engineer;
- D. Detention facilities shall be designed to drain within a 48-hour period;

- E. A minimum of one foot of freeboard must be provided.
- F. Detention and Retention facilities shall be designed with sideslopes not exceeding 3:1;
- G. Facilities where overall depth is greater than four feet must be fenced;
- H. Maintenance access must be provided;
- I. Retention facilities that cannot be designed to drain within a 24-hour period shall be designed to accommodate twice (2x) the calculated volume required to retain the post development peak;
- J. A soil survey which demonstrates permeability and percolation rate must be submitted for all retention facilities that are designed with a volume greater than 500 cubic feet;
- K. Detention and retention pond areas shall be landscaped with native vegetation;
- L. Detention and retention facilities shall be contained in private drainage easement(s) or privately maintained public drainage easements;
- M. Joint use detention facilities are encouraged, but must incorporate signage warning users to vacate in the event of inclement weather per Article 3, § 3.5, and must be designed in a manner to facilitate evacuation.

#### **SECTION 5.9 CULVERTS, OPEN CHANNELS AND STORMDRAIN SYSTEMS**

Channels, stormdrain systems and combinations of these systems shall be designed to convey the design storm based on current engineering principals and practices and shall:

- A. Have sufficient capacity to prevent roadway overtopping in the 100-year event--all properties must have all weather access as stated in Article 4, §4.2;
- B. Be designed to safely pass the 100-year storm without adversely impacting upstream or downstream property;
- C. Be designed, in the case of open channels, to convey the 100-year storm with a minimum of one (1) foot of freeboard; and
  - a. Maximum velocity in open channels shall be based upon Table IV, Article 6 and:
  - b. Velocity in unlined channels shall not exceed 4 feet per second unless it can be demonstrated by a licensed professional engineer that through soil stabilization and revegetation measures that erosion will not occur;
  - c. Energy dissipation will be required at all conveyance outlets where velocity exceeds 4 feet per second;

- d. Acequias are not to be used for stormwater conveyance or storage;
- D. Protect cut slopes from rill erosion through construction of a berm and trainer ditch at the top of the slope to direct flow away from the cut area, velocity in the trainer ditch shall not exceed 4 feet per second and shall be revegetated;
- E. Drop structures and energy dissipation shall be provided to maintain velocity as required,
- F. Stormdrain systems include pipes, drop inlets, manholes, shall be designed to maintain a 12-foot dry lane in the road or street for the passage of emergency vehicles, and shall be based on current engineering principals and practices and shall as a minimum:
  - a. Be sized so that the HGL is 1' below the surface
  - b. Have the EGL and HGL calculated to include all hydraulic losses including, friction, expansion, contraction, bend and junction losses
  - c. Be designed with a maximum velocity of 25 fps
  - d. Have a minimum cover of 1', or concrete encasement may be required
  - e. Be located a minimum of 18" below water mains where crossings occur
  - f. Be located a minimum of 12" clear vertically above or below any sanity sewer main
- G. Computations and calculations associated with the design of these systems shall be submitted as an exhibit in the comprehensive narrative report as required in Article 5, §5.2.
- H. Be placed with sufficient bedding based on soil conditions to assure maximum lifetime.

**SECTION 5.10****FLOODPROOFING**

- A. Where floodproofing of a new or existing commercial structure is proposed as a means of compliance with Article 3, or FEMA 44 CFR §60.3, the following minimum information must be submitted:
  - a. Technical data demonstrating that the floodproofing measures can demonstrate that:
    - i. such use or improvements will not impede drainage,
    - ii. will not cause ponding,
    - i. will not obstruct a floodway,
    - ii. will not increase flood flow velocities,
    - iii. will not increase the flood stage,
    - iv. will not retard the movement of floodwaters.
    - v. will be constructed so as not to catch or collect debris nor be damaged by floodwaters.

- b. Elevation (in relation to mean sea level) of the lowest floor (including basement) of all new and substantially improved structures (FEMA Form 81-31; Elevation Certificate);
- c. Elevation in relation to mean sea level to which any nonresidential structure shall be flood-proofed;
- d. Certification from a registered professional engineer or architect that finished fill and building elevations were accomplished in compliance with the provisions of this Ordinance and certification from a registered professional engineer that any nonresidential flood-proofed structure meets the floodproofing criteria of Article 3, Section 3.11 and must include a FEMA Floodproofing Certificate (Form 81-65) signed by a registered professional engineer or architect certifying that the design and methods of construction will be in accordance with accepted standards of practice for meeting the provisions of NFIP 44 CFR 60.3(c)(3)

**SECTION 5.11****BASIS FOR APPROVAL OR DENIAL**

Approval or denial of a Stormwater Management Analysis by the Floodplain Administrator shall be based on all of the provisions of this Ordinance, the provisions of FEMA 44 CFR and the following relevant factors:

- A. The danger to life and property due to flooding or erosion damage;
- B. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner;
- C. The danger that materials may be swept onto other lands to the injury of others;
- D. The compatibility of the proposed use with existing and anticipated development;
- E. The safety of access to the property in times of flood for ordinary and emergency vehicles;
- F. The costs of providing governmental services during and after flood conditions including maintenance and repair of streets and bridges, and public utilities and facilities such as sewer, gas, electrical and water systems;
- G. The expected heights, velocity, duration, rate of rise and sediment transport of the flood waters and the effects of wave action, if applicable, expected at the site;
- H. The availability of alternative locations, not subject to flooding or erosion damage, for the proposed use;
- I. Demonstration that all necessary state and federal permits have been attained.

**ARTICLE 6**

**Standard Forms and Tables**

The following Standard Forms and Tables are provided to assist in the interpretation of the Ordinance and to establish minimum submittal requirements in a comprehensive format:



SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
 FLOODPLAIN DEVELOPMENT PERMIT  
 STANDARD FORM 1—Page One

SFC CLERK RECORDED 06/18/2008

*(This section is heavily obscured by a dark stamp or scan artifact.)*

**PROJECT INFORMATION:**

Project Address: _____	Plat Reference: _____
	Subdivision: _____
	Section: ____ Township ____ Range ____

**OWNER INFORMATION:**

Property Owner(s): _____	_____
Telephone: _____	_____
Fax: _____	_____
Address: _____	_____
Signature of Owner(s) listed	
above: _____	

**APPLICANT INFORMATION:**

Applicant(s): _____	_____
Telephone: _____	_____
Fax: _____	_____
Address: _____	_____
	_____

**PROJECT TYPE:**

<input type="checkbox"/> New Structure	<input type="checkbox"/> Addition to Structure	<input type="checkbox"/> Residential
<input type="checkbox"/> Non-residential	<input type="checkbox"/> Change in watercourse	<input type="checkbox"/> Directly adjacent

Description of Work (i.e.: first floor addition of 750 square feet; or construction of bike path, etc.):

\_\_\_\_\_

**Floodplain Information:**

<input type="checkbox"/> Zone AE w/regulatory floodway	<input type="checkbox"/> Zone A	<input type="checkbox"/> Zone D
<input type="checkbox"/> Zone AE w/out regulatory floodway	<input type="checkbox"/> Zone AO	<input type="checkbox"/> Zone AH
<input type="checkbox"/> Zone X (shaded)	<input type="checkbox"/> Zone AR	<input type="checkbox"/> Directly Adjacent





SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
 FLOODPLAIN DEVELOPMENT PERMIT  
 STANDARD FORM 1—Page Two

SFC CLERK RECORDED 06/18/2008

<b>STRUCTURE INFORMATION:</b>	
100-Year Water Surface Elevation Defined on FIRM: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If "yes": Upstream X-Section Number: _____ Downstream X-Section Number.: _____	
Predicted 100-year Water surface elevation: _____	
If "no": What is the location of the highest grade adjacent to the structure? _____	
Elevation of Highest Adjacent Grade: _____	
Is there buildable area outside the SFHA shown on the FIRM: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Has an analysis been prepared for unstudied Zone A to determine WSEL? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Additions Only:</b>	
Construction Year:	_____
Approximate year(s) previous additions built:	_____
Existing habitable floor area:	_____
Habitable floor area proposed:	_____
<b>FLOODPROOFING INFORMATION:</b>	
Is floodproofing proposed?: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Describe floodproofing measures:  _____	
<b>Engineer/Surveyor Certification:</b>	
I, _____, a registered professional _____ in the State of New Mexico hereby certify that the information provided hereon is true and correct to the best of my knowledge and belief, signed this _____ day of _____, 200_____.	
Professional Seal:	
<b>Submittal Information:</b>	
Submittal contains all information required per Table 1	<input type="checkbox"/> Yes <input type="checkbox"/> No
Submittal contains all information required per Table II	<input type="checkbox"/> Yes <input type="checkbox"/> No
Submittal contains all information required per Table IIa	<input type="checkbox"/> Yes <input type="checkbox"/> No
Improvement Plans as required by Table III	<input type="checkbox"/> Yes <input type="checkbox"/> No
Elevation Certificate submitted	<input type="checkbox"/> Yes <input type="checkbox"/> No
CLOMR Required	<input type="checkbox"/> Yes <input type="checkbox"/> No
LOMR Required	<input type="checkbox"/> Yes <input type="checkbox"/> No



**SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
STANDARD FORM 2**

SUBBASIN DATA					INITIAL/OVERLAND TIME (T <sub>i</sub> )			TRAVEL TIME					T <sub>c</sub> Check		TOC Total/VLAG	
Basin Number	Area (sq mi.)	Area (acres)	K value	CN	Length	Slope %	T <sub>i</sub> min.	Length	Slope	Velocity	T <sub>t</sub> min	Total	Total length (ft)	t <sub>c</sub> =(L/180)+10 (min)	Use lowest total min	Tag
<b>EXISTING CONDITIONS</b>																
EXAMPLE1	0.019	11.91	0.015	86	150	1	23.92	1650.7	0.56	4	6.88	30.80	1800.68	20.00	20.00	0.20
<b>DEVELOPED CONDITIONS</b>																



SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
STANDARD FORM 3

COMPOSITE CN VALUE TABULATION

Subbasin	Area (sq. mi.)	Area (acres)	% HSG A	% HSG B	%HSG C	% HSG D	Land Use Description	CN B	CN C	Composite CN	
example1	0.670	428.67	0	44	56	0	pinon/juniper woodland-poor	44% CN75	56% CN85	44%CN75=33.00 56%CN85=47.60 USE CN 81	

**SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT**

**Table 1  
STORMWATER MANAGEMENT SUBMITTAL REQUIREMENTS**

<b>LAND DEVELOPMENT OR LAND DISTURBANCE PROCESS</b>	<b>Upstream Contributing Drainage Area less than 25 acres</b>	<b>Upstream Contributing Drainage Area greater than 25 acres</b>	<b>FEMA Designated Special Flood Hazard Area—Regulatory Floodplain</b>
<b>DEVELOPMENT PERMIT</b>			
Single Family Home	3,6	2,3,6	1,3,4,5,6
Modular Home	3,6	2,3,6	1,3,4,5,6
Accessory Structure	3,6	2,3,6	1,3,4,5,6
Fence	3,6	2,3,6	2,3,4,5,6
Driveways/Roads	3,6	2,3,6	1,3,4,5,6
Grading	3,6	2,3,6	1,3,4,5,6
Interior Remodel/Tenant Improvement	n/a	n/a	*provide copy of Elevation Certificate
Utility	3,6	2,3,6	1,3,4,5,6
<b>LAND DIVISIONS, FAMILY TRANSFERS, LOT LINE ADJUSTMENTS</b>			
Lot Line Adjustment	3	2,3	1,3,4,5
Family Transfer Land Division	3	2,3	1,3,4,5
Land Division- 2 lots	3	2,3	1,3,4,5
Re-Plat	3	2,3	1,3,4,5
<b>MASTER PLAN</b>			
Subdivision-25 or more lots-Residential	2,3,6	2,3,6	2,3,4,5
Commercial-single lot	3,6	2,3,6	2,3,4,5
Commercial-6 or more lots-Subdivision	2,3,6	1,3,6	2,3,4,5
Community Service Facility	3,6	2,3,6	2,3,4,5,7
<b>PRELIMINARY DEVELOPMENT PLAN</b>			
Subdivision-3 or more lots-Residential	2,3,6	1,3,6	2,3,4,5,6
Commercial-single lot	3,6	2,3,6	2,3,4,5,6
Commercial-2 or more lots-Subdivision	1,3,6	1,3,6	2,3,4,5,6
Community Service Facility	3,6	2,3,6	2,3,4,5,6,7
<b>FINAL DEVELOPMENT PLAN</b>			
Subdivision-3 or more lots-Residential	1,3,6	1,3,6	1,3,4,5,6
Commercial-single lot	2,3,6	1,3,6	1,3,4,5,6
Commercial-2 or more lots-Subdivision	1,3,6	2,3,6	1,3,4,5,6
Community Service Facility	2,3,6	2,3,6	1,3,4,5,6,7

- 1) Detailed Technical Drainage Analysis Per Table IIa
- 2) Conceptual Drainage Analysis Per Table I—a detailed analysis may be required in some cases if required by County staff. The requirement for a Conceptual Drainage Analysis may also be waived by staff based on site conditions.
- 3) Compliance with Terrain Management Guidelines must be demonstrated
- 4) Elevation Certificate and/or Floodplain Development Permit required
- 5) Compliance with 44CFR§60.3 and Ordinance 2008- \_\_\_ required
- 6) Construction Improvement Plans Per Table III
- 7) Fire Stations, Schools, Critical Care Facilities must be located outside the limits of the 500-year floodplain per FEMA

**All projects must be submitted with a topographic map indicating the location and estimated area of the contributing watershed in order to determine the required stormwater management submittal process.**

**SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
Table II**

**CONCEPTUAL DRAINAGE ANALYSIS**

<b>Report Narrative:</b>	<b>Drainage Plan (minimum 8-1/2"x11"):</b>
<b>Introduction:</b> <ul style="list-style-type: none"> <li>• Project Name</li> <li>• Date</li> <li>• Preparer's Name, Professional Seal, Address, Contact Information</li> <li>• Description of Project including area in acres</li> <li>• Existing Site Conditions</li> <li>• Proposed Site Conditions</li> </ul>	<ul style="list-style-type: none"> <li>○ Locate and label development boundary</li> <li>○ Identify adjacent streets</li> <li>○ Delineate 100-year floodplain from FIRM on Site Plan</li> <li>○ Indicate existing and/or planned flood control facilities including detention/retention location</li> <li>○ Using flow arrows, clearly indicate flow paths and patterns support with topography</li> <li>○ Indicate design inflow points and design outflow points and corresponding design storm flow rates.</li> <li>○ Delineate Erosion Setback</li> <li>○ Horizontally locate buildable areas</li> <li>○ Easement locations and widths</li> <li>○ North Arrow</li> <li>○ Scale</li> <li>○ Benchmark</li> <li>○ Engineer's Seal and Signature</li> <li>○ Area in acres</li> <li>○ Onsite basin subareas</li> <li>○ Reference to Plat Book and Page, and FEMA FIRM</li> <li>○ Owner's name</li> <li>○ Project name</li> </ul>
<b>Hydrology/Hydraulics:</b> <ul style="list-style-type: none"> <li>• Discuss existing and proposed drainage basin boundaries</li> <li>• Discuss existing and proposed drainage patterns</li> <li>• Discuss FEMA Floodplain</li> </ul>	
<b>Proposed Drainage Facilities:</b> <ul style="list-style-type: none"> <li>• Discuss routing of flow in and/or around site and location of drainage facilities</li> <li>• Discuss mitigation measures</li> <li>• Discuss floodplain modifications</li> <li>• Present preliminary calculations for proposed facilities and typical sections for stormwater conveyance</li> </ul>	
<b>Conclusions:</b> <ul style="list-style-type: none"> <li>• Compliance with applicable Code, Ordinance, Federal Emergency Management Agency criteria (if applicable)</li> <li>• Discuss ability to provide emergency all weather access</li> <li>• Discuss effect of development on adjacent properties</li> </ul>	
<b>Required Exhibits and Calculations:</b>	
<b>Exhibits:</b> <ul style="list-style-type: none"> <li>• Site Vicinity Map</li> <li>• FEMA FIRM or FIRMETTE with Site depicted thereon</li> <li>• Contributing Watershed Map with Offsite and Onsite drainage subareas delineated</li> <li>• Soil Map with site depicted thereon</li> <li>• Drainage Plan Calculations Appendix:                             <ul style="list-style-type: none"> <li>• Runoff calculations (existing and proposed)</li> <li>• Street and drainage facility capacity calculations, existing and proposed flood limit calculations</li> <li>• Detention calculations (if applicable)</li> </ul> </li> <li>• Drainage Plan</li> </ul>	<p>A <b>Conceptual Drainage Analysis</b> is a short letter type report which addresses existing and proposed drainage conditions from sites which generally have minor impact on local drainage facilities. The <b>Conceptual Drainage Analysis</b> documents the existing drainage conditions of the property as well as presents the overall concept of the proposed drainage system. The <b>Conceptual Drainage Study</b> shall address all applicable Code and Ordinance criteria, with preliminary hydrology and hydraulics. Detailed hydrology and hydraulics shall be addressed in the <b>Technical Drainage Analysis</b>.</p> <p>The <b>Conceptual Drainage Analysis</b> shall contain a brief narrative letter, a <b>Calculation Appendix</b>, and a <b>Drainage Plan</b> in accordance with the outline shown hereon.</p>

**SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
Table IIa**

**DETAILED TECHNICAL DRAINAGE ANALYSIS**

<b>Report Narrative:</b>	<b>Required Calculations:</b>
<p><b>Introduction:</b></p> <ul style="list-style-type: none"> <li>• Project Name</li> <li>• Preparer's Name, Professional Seal, Address, Contact Information</li> <li>• Description of Project including area in acres</li> <li>• Existing Site Conditions</li> <li>• Proposed Site Conditions</li> </ul> <p><b>Hydrology/Hydraulics:</b></p> <ul style="list-style-type: none"> <li>• Discuss existing and proposed drainage basin boundaries</li> <li>• Discuss existing drainage patterns, including methodology of hydrologic and hydraulic analysis</li> <li>• Discuss offsite and onsite flows, downstream capacity, impacts of project on historic drainage patterns</li> <li>• Discuss pre and post project FEMA floodplain</li> </ul> <p><b>Existing/Proposed Drainage Facilities:</b></p> <ul style="list-style-type: none"> <li>• Discuss routing of flow in and/or around site and location of drainage facilities</li> <li>• Discuss mitigation measures</li> <li>• Discuss floodplain modifications</li> </ul> <p><b>Conclusions:</b></p> <ul style="list-style-type: none"> <li>• Compliance with applicable Code, Ordinance, Federal Emergency Management Agency criteria</li> <li>• Hydrologic Summary Table (existing and proposed)</li> <li>• Hydraulic Summary Table (existing and proposed)</li> <li>• Discuss ability to provide emergency all weather access</li> <li>• Discuss effect of development on adjacent properties</li> <li>• Phasing of all drainage facilities must be discussed</li> </ul>	<ul style="list-style-type: none"> <li>• Composite CN calculations</li> <li>• Time of Concentration calculations</li> <li>• Street capacity calculations, (25-year and 100-year)</li> <li>• Detention calculations including:               <ul style="list-style-type: none"> <li>o Emergency Spillway Design</li> <li>o 100-year volume, Drain Time</li> <li>o Discharge volume</li> <li>o Outlet velocity</li> <li>o Freeboard</li> </ul> </li> <li>• Storm Sewer System Hydraulics including:               <ul style="list-style-type: none"> <li>o Energy Grade Line (EGL) and Hydraulic Grade Line (HGL) calculations</li> <li>o Inlet and outlet condition assumptions</li> <li>o Stormdrain Inlet Capacity Calculations</li> </ul> </li> <li>• Other hydraulic structure flow calculations</li> <li>• Channel Routing (must use Muskingum-Cunge procedure)</li> <li>• Reservoir Routing</li> <li>• Arroyo, Channel, Culvert, Bridge Capacity Calculations</li> <li>• Arroyo / channel stability addressed including:               <ul style="list-style-type: none"> <li>o Scour Calculations</li> <li>o Superelevation Calculations</li> <li>o Sediment Yield/Sediment Transport (aggradation/degradation analysis)</li> <li>o Freeboard</li> <li>o Downstream Capacity</li> </ul> </li> </ul> <p><b>Operations and Maintenance:</b></p> <ul style="list-style-type: none"> <li>• Operations / Maintenance requirements including maintenance procedures for privately maintained facilities, with projected annual maintenance costs for incorporation into homeowners association documents and subdivision disclosure statement</li> <li>• Easement requirements for the proposed drainage facilities</li> </ul>
<p><b>Required Exhibits:</b></p> <ul style="list-style-type: none"> <li>• Site Vicinity Map</li> <li>• FEMA FIRM or FIRMETTE with site depicted thereon</li> <li>• Site plan with buildable areas indicated thereon</li> <li>• Scaleable Contributing Watershed Map with Offsite and Onsite drainage subareas delineated</li> <li>• Rainfall Distribution               <ul style="list-style-type: none"> <li>o 100-yr. /24 hr. recurrence interval</li> </ul> </li> <li>• Modeling Schematic</li> <li>• NRCS Soil Map with site depicted thereon</li> <li>• SCS CN Values used</li> <li>• Hydrologic and Hydraulic Models Input and Output files(paper and digital copy)</li> <li>• Drainage and Construction Improvement Plans</li> <li>• Elevation Certificate(s) for all sites traversed by or directly adjacent to FEMA floodplain</li> </ul>	<p><b>The Technical Drainage Analysis</b> discusses at a detailed level the existing site hydrologic conditions and the proposed drainage plan to accommodate or modify these site drainage conditions in conformity with the Final Development Plan for the site. The Technical Drainage Analysis addresses both on-site and off-site drainage analysis and improvements necessary to mitigate the impact of the proposed development on adjacent properties in accordance with current Federal and local drainage criteria. The Technical Drainage Analysis shall contain a comprehensive narrative report with detailed exhibits, a Calculation Appendix, and final Construction Improvement Plans in accordance with the outline shown hereon.</p> <p><b>Failure to provide this information may result in a submittal being rejected.</b></p>

**SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT**

**Table III**

**DRAINAGE AND CONSTRUCTION IMPROVEMENT PLANS**

<b>MINIMUM INFORMATION AND DETAILS: ALL SHEETS:</b>	<b>OnSite DRAINAGE PLAN:</b>
<ul style="list-style-type: none"> <li>○ Project Name</li> <li>○ Date</li> <li>○ Preparer's Name, Address, Contact Information</li> <li>○ Professional Seal,</li> <li>○ North Arrow,</li> <li>○ Graphic scale,</li> <li>○ Benchmark</li> <li>○ Basis of bearings</li> <li>○ Legend</li> <li>○ 24"X36" Plan Sheets</li> <li>○ Usable and reproducible scale (1" = 20' to 1" = 200' recommended)</li> </ul>	<ul style="list-style-type: none"> <li>○ The property description including total acreage as well as the location of the proposed project by means of a small location map.</li> <li>○ Property lines and roadways including right-of-way widths, include Plat references</li> <li>○ Existing contours and proposed elevations sufficient to analyze drainage patterns extending 100' past property lines</li> <li>○ The location and description of all on-site and adjacent off-site features including: adjoining roads and subdivisions; railroads; high tension power lines and/or underground transmission lines; cemeteries; parks; natural and artificial watercourses, wetlands and wetland boundaries, designated natural areas and significant natural features,</li> <li>○ Proposed and existing drains, sewers, water mains, septic fields, and wells;</li> <li>○ Lot layout and acreage, including proposed streets, roads and alleys.</li> <li>○ Bulldable areas must be dimensioned, horizontally located with an area in square feet shown thereon</li> <li>○ Existing and proposed easements with dimensions</li> <li>○ Proposed drainage basin boundaries and sub-boundaries with areas, soil types, CN values and Pre and Post Q100 concentration points, and flow patterns</li> <li>○ Existing and proposed drainage facilities and structures, including ditches, storm sewers, channels, and culverts. Include pertinent information such as material, size, shape, slope and location</li> <li>○ Limits of existing and proposed floodplains based on the FIRM or based on the best available information; include existing and proposed BFE's or water surface elevations for areas outside the SFHA</li> <li>○ If the project is to be completed in phases, the number of acres in each phase shall also be included.</li> <li>○ Spot elevations at all design points, including lot corners, top and bottom of retaining walls, top and flowline of curbs, intersection grades, channel Inverts, storm drain facilities, etc.</li> <li>○ Inlet and outlet invert elevations for all drainage structures and facilities, with headwater pools indicated within easement</li> <li>○ Pond capacity in cubic feet and acre feet, 100-year water surface elevation, drain time, outlet details, emergency overflow location and details, landscaping.</li> <li>○ Erosion Setbacks</li> </ul>
<p><b>Off Site DRAINAGE PLAN:</b></p> <ul style="list-style-type: none"> <li>○ A map, provided at a usable scale, showing the drainage boundary of the proposed project and its relationship with existing drainage patterns</li> <li>○ Existing drainage basin boundaries and sub-boundaries with areas, soil types, CN values and Pre and Post Q100 concentration points, and flow patterns</li> <li>○ Limits of existing floodplains based on the FIRM or based on the best available information; include existing and proposed BFE's or water surface elevations for areas outside the SFHA</li> </ul>	
<p><b>Improvement PLAN:</b></p> <ul style="list-style-type: none"> <li>○ Plan and profiles for Storm sewers, inlets, outlets and manholes with pertinent elevations, dimensions, type and horizontal control</li> <li>○ Culverts, end sections and Inlet/outlet protections with dimensions, type elevations, and horizontal control</li> <li>○ Plans and profiles of channels, ditches, and swales with lengths, widths, cross-sections, grades and erosion control measures</li> <li>○ Details of all checkdams, channel drops and erosion control facilities</li> <li>○ HGL's for storm sewers and channels including flow rates</li> <li>○ Profiles for all outfall pipes and channels,</li> <li>○ Maintenance Access</li> </ul>	
<p>Note: Details show on Improvement Plans must be cross referenced to the Drainage Plans to facilitate review.</p>	

**SANTA FE COUNTY GROWTH MANAGEMENT DEPARTMENT  
Table IV**

**MAXIMUM PERMISSIBLE CHANNEL VELOCITIES**

<b>NATURAL AND IMPROVED UNLINED CHANNELS:</b>	
Fine Sand, colloidal.....	1.50
Sandy Loam, noncolloidal.....	1.75
Silt loam, noncolloidal.....	2.00
Alluvial silts, noncolloidal.....	2.00
Ordinary firm loam.....	2.50
Volcanic ash.....	2.50
Stiff clay, very colloidal.....	3.75
Alluvial silts, colloidal.....	3.75
Shales and hardpans.....	6.00
Fine gravel.....	2.50
Graded loam to cobbles, when non colloidal.....	3.75
Graded silts to cobbles, when colloidal.....	4.00
Coarse gravel, noncolloidal.....	4.00
Cobbles and shingles.....	5.00
Sandy Silt.....	2.00
Silty Clay.....	2.50
Clay.....	6.00
Poor sedimentary rock.....	10.0
<b>FULLY LINED CHANNELS:</b>	
Unreinforced Vegetation.....	5.0
Loose riprap.....	10.0
Grouted riprap.....	15.0
Gabions.....	15.0
Soil Cement.....	15.0
Concrete.....	35.0

Reference: Natural-Fortier and Scobey Fully Lined: CCRFCD HC&DDM



Table V
ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

Federal Emergency Management Agency
National Flood Insurance Program

Important: Read the instructions on pages 1-8.

CLERK RECORDED 0621812008

SECTION A - PROPERTY INFORMATION
A1. Building Owner's Name
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
City State ZIP Code
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)
A5. Latitude/Longitude: Lat. Long. 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
A8. For a building with a crawl space or enclosure(s), provide
a) Square footage of crawl space or enclosure(s) sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade
c) Total net area of flood openings in A8.b sq in
A9. For a building with an attached garage, provide:
a) Square footage of attached garage sq ft
b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade
c) Total net area of flood openings in A9.b sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION
B1. NFIP Community Name & Community Number
B2. County Name
B3. State
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)
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)
Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other (Describe)
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?
Designation Date CBRS OPA Yes No

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

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.
Check here if comments are provided on back of form.
Certifier's Name License Number
Company Name
Address City State ZIP Code
Signature Date Telephone

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<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	Policy Number
City      State      ZIP Code	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

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.

**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 \_\_\_\_\_  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
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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

## Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	For Insurance Company Use:
	Policy Number
City          State          ZIP Code	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page, following.

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CLERK RECORDED 06/18/2008

## ARTICLE 7

### DEFINITIONS AND COMMON TERMS

#### SECTION 7.1

#### INTERPRETATION OF DEFINITIONS

Unless specifically defined below, words or phrases used in this Ordinance shall be interpreted to give them the meaning they have in common usage and to give this Ordinance its most reasonable applications.

#### SECTION 7.2

#### STANDARD DEFINITIONS

**ALL WEATHER ACCESS** – means a vehicular access route which is above the regional flood elevation and which connects land located in the floodplain to land outside the floodplain, such as a road with its surface above regional flood elevation and wide enough for wheeled rescue and relief vehicles

**ALLUVIAL FAN FLOODING** - means flooding occurring on the surface of an alluvial fan or similar landform which originates at the apex and is characterized by high-velocity flows; active processes of erosion, sediment transport, and deposition; and unpredictable flow paths.

**APPEAL** - means a request for a review of the Floodplain Administrator's interpretation of any provision of this Ordinance or a request for a variance.

**APEX** - means a point on an alluvial fan or similar landform below which the flow path of the major stream that formed the fan becomes unpredictable and alluvial fan flooding can occur.

**APPURTENANT STRUCTURE** – means a structure which is on the same parcel or property as the principal structure to be insured and the use of which is incidental to the use of the principal structure.

**AREA OF FUTURE CONDITIONS FLOOD HAZARD** – means the land area that would be inundated by the 1-percent-annual chance (100-year) flood based on future conditions hydrology.

**AREA OF SHALLOW FLOODING** - means a designated AO, AH, AR/AO, or VO zone on a community's Flood Insurance Rate Map (FIRM) with a one percent chance of flooding to an average depth of one to three feet where a clearly defined channel does not exist, where the path of flooding is unpredictable and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow.

**AREA OF SPECIAL FLOOD HAZARD (SFHA)** - Land in the floodplain within a community subject to a one percent or greater chance of flooding in any given year. The area may be designated as Zone A on the Flood Hazard Boundary Map (FHBM). After detailed ratemaking has been completed in preparation for publication of the FIRM, Zone A usually is refined into Zones A, AO, AH, A1-30, AE, A99, AR, AR/A1-30, AR/AE, AR/AO, AR/AH, AR/A, VO, V1-20, VE or V.

**BASE FLOOD** - means the flood having a one percent chance of being equaled or exceeded in any given year.

**BASEMENT** – means any area of the building having its floor subgrade (below ground level) on all sides.

**BREAKAWAY WALL** – means a wall that is not part of the structural support of the building and is intended through its design and construction to collapse under specific lateral loading forces, without causing damage to the elevated portion of the building or supporting foundation system.

**CRITICAL FEATURE** - means an integral readily identifiable part of a flood protection system, without which the flood protection provided by the entire system would be compromised.

**DEVELOPMENT**- means any man-made change to improved or unimproved real estate, including, but not limited to, the construction of buildings, structures or accessory structures; the construction of additions or substantial improvements to building, structures or accessory structures; the placement of buildings or structures; mining, dredging, filling, grading, paving, excavation or drilling operations; and the storage, deposit or extraction of materials, public or private sewage disposal systems or water supply facilities

**DIRECTLY ADJACENT**—means any development, planned or existing, that lies within 100 feet of any SFHA (studied or unstudied) defined on the effective FIRM for Santa Fe County.

**ELEVATED BUILDING** – means, for insurance purposes, a non-basement building, which has its lowest elevated floor, raised above ground level by foundation walls, shear walls, posts, piers, pilings, or columns.

**ELEVATION CERTIFICATE**—means the required FEMA form used by the community to maintain a record of all post-FIRM structures located in the special flood hazard area.

**ENCROACHMENT**—means any fill, structure, building, use or development in the regulatory floodway.

**EXISTING CONSTRUCTION** - means for the purposes of determining rates, structures for which the "start of construction" commenced before the effective date of the FIRM, or before January 1, 1975, for FIRMs effective before that date. "Existing construction" may also be referred to as "existing structures."

**EXISTING MANUFACTURED HOME PARK OR SUBDIVISION** – means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by a community.

**EXPANSION TO AN EXISTING MANUFACTURED HOME PARK OR SUBDIVISION** – means the preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

**FLOOD OR FLOODING** - means a general and temporary condition of partial or complete inundation of normally dry land areas from:

- (1) the overflow of inland or tidal waters;
- (2) the unusual and rapid accumulation or runoff of surface waters from any source.

**FLOOD ELEVATION STUDY** – means an examination, evaluation and determination of flood hazards and, if appropriate, corresponding water surface elevations, or an examination, evaluation and determination of mudslide (i.e., mudflow) and/or flood-related erosion hazards.

**FLOOD INSURANCE RATE MAP (FIRM)** - means an official map of a community, on which the Federal Emergency Management Agency has delineated both the areas of special flood hazards and the risk premium zones applicable to the community.

**FLOOD INSURANCE STUDY (FIS)**—means the detailed report based on engineering analyses prepared by FEMA to accompany the FIRM, which develops flood risk data for various areas of the community that will be used to establish actuarial flood insurance rates.

**FLOOD HAZARD BOUNDARY MAP (FHBM)** - means an official map of a community on which the Federal Emergency Management Agency has delineated the boundaries of the flood, mudslide (i.e., mudflow) related erosion areas having special hazards have been designated as Zone A, AE, M, and/or E.

**FLOODPLAIN OR FLOOD-PRONE AREA** - means any land area susceptible to being inundated by water from any source (see definition of flooding).

**FLOODPLAIN MANAGEMENT** – means the operation of an overall program of corrective and preventive measures for reducing flood damage, including but not limited to emergency preparedness plans, flood control works and floodplain management regulations.

**FLOODPLAIN MANAGEMENT REGULATIONS** – means zoning ordinances, subdivision regulations, building codes, health regulations, special purpose ordinances (such as a floodplain ordinance, grading ordinance and erosion control ordinance) and other applications of police power. The term describes such state or local regulations, in any combination thereof, which provide standards for the purpose of flood damage prevention and reduction.

**FLOOD PROTECTION SYSTEM** - means those physical structural works for which funds have been authorized, appropriated, and expended and which have been constructed specifically to modify flooding in order to reduce the extent of the areas within a community subject to a "special flood hazard" and the extent of the depths of associated flooding. Such a system typically includes hurricane tidal barriers, dams, reservoirs, levees or dikes. These specialized flood modifying works are those constructed in conformance with sound engineering standards.

**FLOODPROOFING** – means any combination of structural and non-structural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents.

**FLOODWAY** – see *Regulatory Floodway*

**FLOODWAY FRINGE**- means the area between the floodway and the 1-percent-annual chance floodplain boundary. The floodway fringe encompasses the portion of the floodplain that could be completely obstructed without increasing the water surface elevation (WSEL) of the base flood more than one foot at any point within the community.

**FUNCTIONALLY DEPENDENT USE** - means a use which cannot perform its intended purpose unless it is located or carried out in close proximity to water. The term includes only docking facilities, port facilities,

that are necessary for the loading and unloading of cargo or passengers, and ship building and ship repair facilities, but does not include long-term storage or related manufacturing facilities.

**HIGHEST ADJACENT GRADE** - means the highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.

**HISTORIC STRUCTURE** -- means any structure that is:

(1) Listed individually in the National Register of Historic Places ( a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;

(2) Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;

(3) Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the Secretary of the Interior; or

(4) Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either:

- a. By an approved state program as determined by the Secretary of the Interior or;
- b. Directly by the Secretary of the Interior in states without approved programs.

**LEVEE** - means a man-made structure, usually an earthen embankment, designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding.

**LEVEE SYSTEM** - means a flood protection system which consists of a levee, or levees, and associated structures, such as closure and drainage devices, which are constructed and operated in accordance with sound engineering practices.

**LOWEST FLOOR** - means the lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, usable solely for parking of vehicles, building access, or storage in an area other than a basement area is not considered a building's lowest floor, provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirement of Section 60.3 of the National Flood Insurance Program regulations.

**MANUFACTURED HOME** - means a structure transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when connected to the required utilities. The term "manufactured home" does not include a "recreational vehicle".

**MANUFACTURED HOME PARK OR SUBDIVISION** -- means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.

**MEAN SEA LEVEL** - means, for flood purposes of the National Flood Insurance Program, the national Geodetic Vertical Datum (NGVD) of 1929 or other datum, to which base flood elevations shown on a community's Flood Insurance Rate Map are referenced.

**NEW CONSTRUCTION** - means, for the purpose of determining insurance rates, structures for which the "start of construction" commenced on or after the effective date of an initial FIRM or after December 31, 1974, whichever is later, and includes any subsequent improvements to such structures. For floodplain management purposes, "new construction" means structures for which the "start of construction" commenced on or after the effective date of a floodplain management regulation adopted by a community and includes any subsequent improvements to such structure.

**NEW MANUFACTURED HOME PARK OR SUBDIVISION** - means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of floodplain management regulations adopted by a community.

**RECREATIONAL VEHICLE** - means a vehicle which is (i) built on a single chassis; (ii) 400 square feet or less when measured at the largest horizontal projections; (iii) designed to be self-propelled or permanently towable by a light duty truck; and (iv) designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel or seasonal use.

**REGIONAL FLOOD** - means a flood determined to be representative of large floods known to have occurred in Santa Fe County or which may be expected to occur on a particular lake, river or stream following a 1% recurrence interval (1-percent-annual-chance) storm event in any given year (a.k.a. the 100-year flood)

**REGULATORY FLOODWAY** - means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height.

**RIVERINE** - means relating to, formed by, or resembling a river (including tributaries), stream, brook, etc

**SPECIAL FLOOD HAZARD AREA** - see Area of Special Flood Hazard.

**START OF CONSTRUCTION** - (for other than new construction or substantial improvements under the Coastal Barrier Resources Act (Pub. L. 97-348) ), includes substantial improvement and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement was within 180 days of the permit date. The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of excavation; or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for basement, footings, piers or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure. For a substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor



or other structural part of a building, whether or not the alteration affects the external dimension of the building.

**STRUCTURE** – means, for floodplain management purposes, a walled and roofed building, including a gas or liquid storage tank that is principally above ground, as well as a manufactured home.

**SUBSTANTIAL DAMAGE** – means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred.

**SUBSTANTIAL IMPROVEMENT** - means any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure before "start of construction" of the improvement. This term includes structures which have incurred "substantial damage", regardless of the actual repair work performed. The term does not, however, include either: (1) Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions or (2) Any alteration of a "historic structure", provided that the alteration will not preclude the structure's continued designation as a "historic structure".

**VARIANCE** - is a grant of relief by a community from the terms of a floodplain management regulation (for full requirements see 60.6 of the National Flood Insurance Program regulations).

**VIOLATION** - means the failure of a structure or other development to be fully compliant with the community's flood plain management regulations. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in Section 60.3 (b) (5), (c)(4), (c)(10), (d)(3), (e)(2), (e)(4), or (e)(5) is presumed to be in violation until such time as that documentation is provided.

**WATER SURFACE ELEVATION** - means the height, in relation to the North American Datum of 1983 (or other datum, where specified), of floods of various magnitudes and frequencies in the floodplains of coastal or riverine areas.

**ZONE A**—means the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS report by approximate methods.

**ZONE AE**—means the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS report by detailed methods.

**ZONE D**—means the flood insurance rate zone that corresponds to unstudied areas where flood hazards are undetermined, but possible.

**ZONE X**—means the flood insurance rate zone that corresponds to areas outside the 0.2-percent-annual-chance floodplain, areas within the 0.2-percent-annual-chance floodplain and to areas of 1-percent-annual-

chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than one square mile, and areas protected from the 1-percent-annual-chance flood by levees.

**SECTION 7.3****GLOSSARY OF ACRONYMS**

**BCC** Board of County Commissioners  
**BFE** Base Flood Elevation  
**CAC** Community Assistance Contact  
**CAV** Community Assistance Visit  
**CCO** Claims Coordinating Office  
**CLOMR** Conditional Letter of Map Revision  
**CRS** Community Rating System of the National Flood Insurance Program  
**FECC** Federal Emergency Communications Coordinator  
**FEMA** Federal Emergency Management Agency  
**FERC** FEMA Emergency Response Capability  
**FESC** Federal Emergency Response Coordinator  
**FHBM** Flood Hazard Boundary Map  
**FIA** Flood Insurance Administration  
**FICO** Flood Insurance Claims Office  
**FIRM** Flood Insurance Rate Map  
**FIS** Flood Insurance Study  
**FRCM** FEMA Regional Communications Manager  
**FRO** Flood Response Office  
**HAG** Highest Adjacent Grade  
**LFE** Lowest Floor Elevation  
**LOMA** Letter of Map Amendment  
**LOMR** Letter of Map Revision  
**MOA** Memorandum of Agreement  
**MOU** Memorandum of Understanding  
**MPPP** Mortgage Portfolio Protection Program  
**MSL** Mean Sea Level  
**NFIP** National Flood Insurance Program  
**NGVD** National Geodetic Vertical Datum  
**SFHA** Special Flood Hazard Area  
**OPA** Otherwise Protected Area  
**PA** Public Affairs  
**PAO** Public Affairs Officer  
**WYO** Write Your Own Program

SFC CLERK RECORDED 06/18/2008

PASSED, APPROVED AND ADOPTED, on this 10<sup>th</sup> day of June, 2008

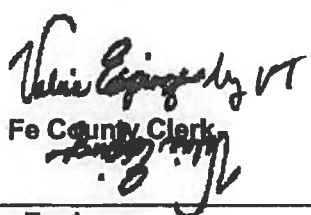
SANTA FE COUNTY BOARD OF COUNTY COMMISSIONERS

  
JACK SULLIVAN, CHAIRMAN

CERTIFICATE

I, the undersigned, County Clerk, do hereby certify that the above is the ordinance which was duly adopted by the Santa Fe County Board of County Commissioners at a regular meeting duly convened on JUNE 10, 2008.



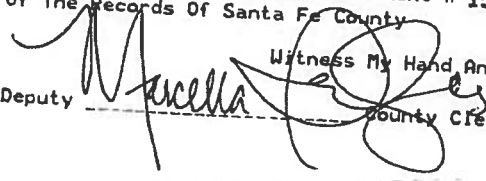
  
Santa Fe County Clerk  
Valerie Espinoza

Approved as to form:

County Attorney

  
Stephen C. Ross



COUNTY OF SANTA FE )  
STATE OF NEW MEXICO ) ss  
I Hereby Certify That This Instrument Was Filed for  
Record On The 18TH Day Of June, A.D., 2008 at 10:14  
And Was Duly Recorded as Instrument # 1529324  
Of The Records Of Santa Fe County  
Witness My Hand And Seal Of Office  
Deputy  Valerie Espinoza  
County Clerk, Santa Fe, NM