# CITY OF ALBUQUERQUE

Planning Department Brennon Williams, Director



February 21, 2020

Verlyn Miller Miller Engineering Consultants, Inc. 3500 Comanche NE Albuquerque, NM 87107

RE: **4517 Las Hermanas NW Grading and Drainage Plan** 

Engineer's Stamp Date: 2/13/20 Hydrology File: G15D066

Dear Mr. Miller,

Based on the submittal received on 2/18/20, the above-referenced Grading and Drainage Plan is approved for Grading Permit. It is also approved for Floodplain Development Permit, approval to be provided separately.

PO Box 1293

#### Prior to Building Permit (For Information):

Albuquerque

1. An Engineer's Certification of the compacted pad and grading (Pad Certification), per the DPM Chapter 22.7: *Engineer's Certification Checklist for Non-Subdivision*, is required prior to issuing Building Permit.

NM 87103

#### Prior to Certificate of Occupancy (For Information):

www.cabq.gov

- 2. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision*, will be required to ensure the pond remained intact and the finished floor was built to the design elevation.
- 3. A Final Elevation Certificate is required prior to Certificate of Occupancy, per the Floodplain Development Permit.

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

Dana Peterson, P.E.

Senior Engineer, Planning Dept. Development Review Services



# City of Albuquerque

## Planning Department

## Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: Ambriz Rivas	Building Permit #: BP 2019-2	29623 Hydrology File #:
DRB#:	EPC#:	Work Order#:
Legal Description: *033 Los Hermonos		
City Address: 4517 Las Hermanas St. , Albuq	uerque, New Mexico 87107	
Applicant: Jose Rivas		Contact:
Address: 206B Sanchez Rd. NW, Albuqu	erque, New Mexico 87107	
Phone#: 505-730-6971	_Fax#:	E-mail:ambrizrivas@gmail.co
Other Contact: Miller Engineering Consultants	, Inc.	Contact: Verlyn Miller
Address: 3500 Comanche NE, Bldg. F, Albuque		
Phone#: 505-888-7500	Fax#: 505-888-3800	E-mail: vmiller@mecnm.com
TYPE OF DEVELOPMENT: PLAT	(# of lots) X RESIDENCE	DRB SITE ADMIN SITE
DEPARTMENT TRANSPORTATION Check all that Apply:		AGE PROVAL/ACCEPTANCE SOUGHT:
TYPE OF SUBMITTAL:  ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN  X GRADING PLAN DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT A ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING?	PRELIMIN  PRELIMIN  SITE PLA  SITE PLA  FINAL PI  APPLIC  SIA/ REL  FOUNDA  GRADING  SO-19 AP  PAVING  GRADING  GRADING  CLOMR/I  FLOODPI	PERMIT APPROVAL G/PAD CERTIFICATION RDER APPROVAL
DATE SUBMITTED: 2-18-2020	By: Verlyn Miller	
COA STAFF:	ELECTRONIC SUBMITTAL RECEIVEI	D:

FEE PAID:\_\_\_\_\_

## SITE LOCATION

The proposed site is an approximate ¼ acre site located on Bellrose Ave. NW and Las Hermanas NW. The site is bound on the south by residential homes, on the north by Bellrose Ave. and on the east side by Las Hermanas NW.

#### **EXISTING CONDITIONS**

The existing site is estimated at 0.28 acres and is currently developed with an existing single-family residence with a driveway, sidewalks, and landscaping on the site. The site lies within an existing FEMA Floodplain (Zone AH) with a BFE of 4972, per the FEMA panel on this sheet.

## PROPOSED CONDITIONS

The proposed project would consist of an addition to the existing single-family dwelling as indicated on the grading and drainage plan. The finish flood of the addition will be required to match the finish floor elevation of the existing single-family dwelling. A drainage swale and proposed first flush pond will be constructed on the site as indicated on the grading and drainage plan.

### **CONCLUSIONS**

When developed as indicated on the grading and drainage plan, the increased runoff from the site is estimated at 0.47 cfs, and 174 cf during the 100-year event.

The displaced volume due to new construction is estimated at 262 cf. The proposed retention pond will retain 394 cf.

## **GENERAL NOTES:**

- EXISTING TOPOGRAPHIC DATA SHOWN ON THESE PLANS WAS PROVIDED BY HARRIS SURVEYING, INC. MILLER ENGINEERING CONSULTANTS HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS INFORMATION.
- 2. ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE STATION No. "18-G14", HAVING AN ELEVATION OF 4972.50, NAVD 1988.
  - TBM FOUND #4 REBAR WITH CAP "PS 11463" ELEV. 4973.161
- 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES DURING THE CONSTRUCTION PHASE.
- 4. CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY OF ALBUQUERQUE, PRIOR TO ANY GRADING OR CONSTRUCTION.
- 5. TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260–1990 FOR LOCATION OF EXISTING
- 6. ALL EMBANKMENTS SHALL BE PLACED AND COMPACTED IN LIFTS OF MAXIMUM OF 8". THE EMBANKMENTS SHALL BE WETTED AND COMPACTED TO 95% OPTIMUM DENSITY PER ASTM D1557 AND 95% UNDER ALL STRUCTURES INCLUDING DRIVEWAYS AND PARKING LOTS.
- 7. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER(S) OF THE PROPERTY SERVED.
- 8. THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- 9. APPROX. HALF OF SUBJECT PROPERTY IS LOCATED WITHIN ZONE X (SOUTH EASTERN % OF 4TH STREET FRONTAGE). THE REMAINING WESTERN AND NORTHERN PORTION OF THE PROPERTY IS LOCATED IN ZONE X (500 YEAR) DESIGNATING AREAS DETERMINED TO BE OUTSIDE THE 100-YEAR FLOOD PLANE ACCORDING TO THE FLOOD INSURANCE RATE MAP, ALBUQUERQUE, NEW MEXICO AND UNINCORPORATED AREAS PER MAP NO 35001C 0332G.
- 10. ALL WORK PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE STORM DRAINAGE REGULATIONS. ALL WORK PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE "GRADING AND DRAINAGE DESIGN REQUIREMENTS AND POLICIES FOR LAND DEVELOPMENT."
- 11. THE OWNER, CONTRACTOR AND/OR BUILDER SHALL COMPLY WITH ALL APPROPRIATE LOCAL, STATE AND FEDERAL REGULATIONS AND REQUIREMENTS.

- 12. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE AND REASONABLE MEASURES TO PREVENT SEDIMENT OR POLLUTANT LADEN STORM WATER FROM EXITING THE SITE DURING CONSTRUCTION. STORMWATER MAY BE DISCHARGED IN A MANNER, WHICH COMPLIES WITH THE APPROVED GRADING AND DRAINAGE PLAN.
- 13. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES TO PREVENT THE MOVEMENT OF CONSTRUCTION RELATED SEDIMENT, DUST, MUD, POLLUTANTS, DEBRIS, WASTE, ETC FROM THE SITE BY WIND, STORM FLOW OR ANY OTHER METHOD EXCLUDING THE INTENTIONAL, LEGAL TRANSPORTATION OF SAME IN A MANNER ACCEPTABLE BY THE CITY.
- 14. THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE AREAS SHOWN AS "SLOPE LIMITS" ON THE GRADING AND DRAINAGE PLAN.
- 15. SEE ARCHITECTURAL DRAWINGS FOR SIDEWALK AND HANDICAPPED RAMPS, DETAILS AROUND THE BUILDING.
- 16. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF THERE ARE ANY SPOT ELEVATIONS ON THE GRADING AND DRAINAGE PLAN WHICH APPEAR TO BE AMBIGUOUS OR DO NOT MEET THE INTENT OF THE GRADING AND DRAINAGE PLAN.
- 17. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF THERE ARE SIDEWALKS OR CONCRETE FLATWORK WHICH DOES NOT MEET ADA ACCESSIBILITY REQUIREMENTS. ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0%, ALL SIDEWALKS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5.0%, AND ALL RAMPS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 15:1.
- 18. ALL SIDEWALKS AND CONCRETE FLATWORK SHALL HAVE A MINIMUM OF 0.5% SLOPE. CONTRACTOR SHALL CONTACT PROJECT ENGINEER IF THERE ARE SIDEWALKS OR CONCRETE FLATWORK WHICH DO NOT MEET THIS REQUIREMENT.
- 19. THE CONTRACTOR SHALL SUBMIT MATERIAL SUBMITTALS, CUT SHEETS AND SHOP DRAWINGS FOR ALL CIVIL RELATED ITEMS FOR REVIEW PRIOR TO CONSTRUCTION.
- 20. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS (UPDATE 8, AMENDMENT 1)
- 21. ALL EXISTING MANHOLES, VALVES AND METERS SHALL BE ADJUSTED TO NEW FINISH GRADE.

# SPECIAL ORDER 19 DRAINAGE FACILITIES WITHIN THE CITY RIGHT-OF-WAY NOTICE TO CONTRACTOR

- 1) AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK
- WITHIN CITY RIGHT-OF-WAY.

  2) ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7
- 3) TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL 260—1990, FOR LOCATION OF EXISTING
- UTILITIES.

  4) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACT SHALL NOTIFY THE ENGINEER SO THAT THE
- CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

  5) BACK FILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.

  6) MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER
- OF THE PROPERTY BEING SERVED.

  7) WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24 HOUR BASIS.
- 7) WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24 HOUR BAS 8) CONTRACTOR MUST CONTACT JASON RODRIGUEZ AT 235-8016 AND CONSTRUCTION COORDINATION AT 924-3416 TO SCHEDULE AN INSPECTION

# DRAINAGE DATA

Precipita	ation Zone 2	- 100-year	Storm	P(360) =	2.33	ın	P(1440) =	2.75	ın
	Basin	Land Treatment Factors							
Basin	Area	Α	В	С	D	Ew	V(100-6)	V(100-24)	Q(100)
	(Ac)		(Acres	5)		(in)	(af)	(af)	(cfs)
Existing	Conditions								
Site	0.280	0.000	0.000	0.254	0.026	1.222	0.029	0.029	0.920
Total	0.280							0.029	0.920
Propose	d Conditions	3							
Site	0.280	0.000	0.000	0.224	0.056	1.33	0.031	0.033	0.967
								0.000	0.007
Total	0.280							0.033	0.967
Total		10 year S	torm	D(360) -	1 52	<u> </u>	D(1440) -		
Total	ation Zone 2	ı -		P(360) =	1.52	in	P(1440) =		
Total Precipita	ation Zone 2 Basin	L	and Treatr	nent Factor	S			1.8	in
Total	ation Zone 2 Basin Area	ı -	and Treatr B	nent Factor C		Ew	V(10-6)	1.8 V(10-24)	in Q(10)
Total Precipita Basin	ation Zone 2 Basin Area (Ac)	L	and Treatr	nent Factor C	S			1.8	in
Total Precipita Basin Existing	ation Zone 2 Basin Area (Ac) Conditions	A	and Treatr B	ment Factor C	s D	Ew (in)	V(10-6) (af)	1.8 V(10-24) (af)	in Q(10) (cfs)
Total Precipita Basin	ation Zone 2 Basin Area (Ac)	L	and Treatr B (Acres	nent Factor C	S	Ew	V(10-6)	1.8 V(10-24)	in Q(10)
Precipita  Basin  Existing  Site  Total	Basin Area (Ac) Conditions 0.280	0.000	and Treatr B (Acres	ment Factor C	s D	Ew (in)	V(10-6) (af)	V(10-24) (af)	in Q(10) (cfs)
Precipita  Basin  Existing  Site  Total	Basin Area (Ac) Conditions 0.280 0.280	0.000	and Treatr B (Acres	ment Factor C	s D	Ew (in)	V(10-6) (af)	V(10-24) (af)	in Q(10) (cfs)

	Pond Ra	ating Table		
	Po	nd #1		
Pond Rating Table		Spillway Crest = 72.1		
Side Slope	2:1			
Depth	Area	Volume	Cum Volume	
(ft)	(sq ft)	(cubic fet)	(cubic feet)	
71.0	324	0	0	
71.5	355	170	170	
72.1	392	224	394	
Pond Invert		71.0		
<b>Spillway Crest</b>		72.1		

WSE (First Flush)

WSE (100-year)

71.7

72.1

# DISPLACED VOLUME DUE TO FILL:

1300 SF \* 0.2 ft4 = 261.36 CF

# CIVIL DRAWING INDEX

SHEET TITLE
DRAINAGE REPORT AND DRAWING INDEX
GRADING AND DRAINAGE PLAN
MISCELLANEOUS DETAILS

Area with Reduced Flood Risk due to Levee. See Notes. Jone X 🥌 Area with Flood Risk due to Levee Հա NO SCREEN Area of Minimal Flood Hazard Zhide X Effective LOMRs Area of Undetermined Flood Hazard 🕬 GENERAL ---- Channel, Culvert, or Storm Sewer STRUCTURES ITTITLE Levee, Dike, or Floodwall (a) 20.2 Cross Sections with 1% Annual Change 17.5 Water Surface Elevation Coastal Transact Base Flood Elevation Line (BFE Limit of Study Jurisdiction Boundary Coastal Transect Baseline OTHER - Profile Baseline Hydrographic Feature Digital Data Available No Digital Data Available The pindisplayed on the map is an approximate point selected by the user and does not represe an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap

FEMA

Legend

With BFE or Depth zone AE, Ad, AH, VE, AA

0.2% Annual Chance Flood Hazard, Areas

depth less than one foot or with drainag areas of less than one square mile Intelligence

Future Conditions 1% Annual Chance Flood Hazard Zone X

authoritative NFHL web services provided by FEMA. This map was exported on 11/12/2018 at 10:11:38 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or

This map image is void if the one or more of the following map

elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for

unmapped and unmodernized areas cannot be used for

Zone AH
(EL 4975 Feet)
Bernalillo C
USGS The National Map: Ortholmage: \$590 @

FLOOD ZONE MAP: 35001C0119G

ZONE ATLAS MAP G-15-Z

National Flood Hazard Layer FIRMette

C - 100

 $\triangleleft$ 

RIVAS

ORTS

GEAWI

AINA(DR/

# LEGEND:

PROPOSED SPOT ELEVATIONS (FINISHED GRADE) GRADE BREAK-HIGH POINT MATCH EXISTING ELEVATIONS TCON TOP OF CONCRETE SD—— STORM DRAIN LINE FLOW LINE, CURB - 5895 - PROPOSED MAJOR CONTOUR INVERT — PROPOSED MINOR CONTOUR FINISH GRADE ---- 5895 ---- EXISTING MAJOR CONTOUR TOP OF BASE COURSE EXISTING MINOR CONTOUR TOP OF CURB TOP OF GRATE TOP OF CUT SLOPE TOP OF ASPHALT

## **GENERAL NOTES:**

FLOW ARROW

- 1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260-1990 FOR LOCATION OR EXISTING UTILITIES.
- 2. BACKFILL AND COMPACTION FOR SITEWORK SHALL BE ACCORDING TO THE GEOTECHNICAL REPORT FOR THE PROJECT.
- 3. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER(S) OF THE PROPERTY SERVED.
- 4. THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- 5. ALL DISTURBED AREAS SHALL RECEIVE LANDSCAPE FABRIC WITH SEEDING, SEE GENERAL NOTES.
- CONTRACTOR SHALL FIELD VERIFY THE FINISH FLOOR ELEVATIONS ON THE EXISTING BUILDINGS AND NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- 7. CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IF THERE IS A CONFLICT BETWEEN THE STORM DRAIN LINES AND EXISTING UTILITIES, SO THAT THE PROPER ADJUSTMENTS CAN BE MADE PRIOR TO CONSTRUCTION.

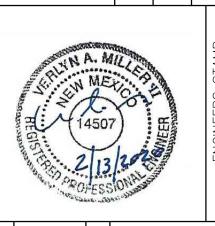
# KEYED NOTES

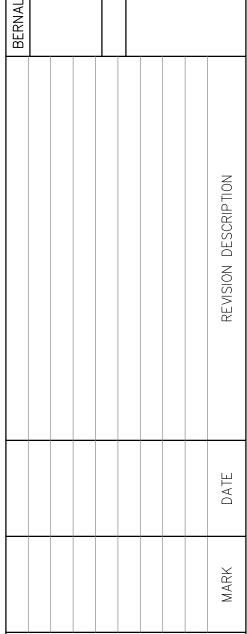
- 2. PROPOSED NEW BUILDING.

1. EXISTING BUILDING TO REMAIN.

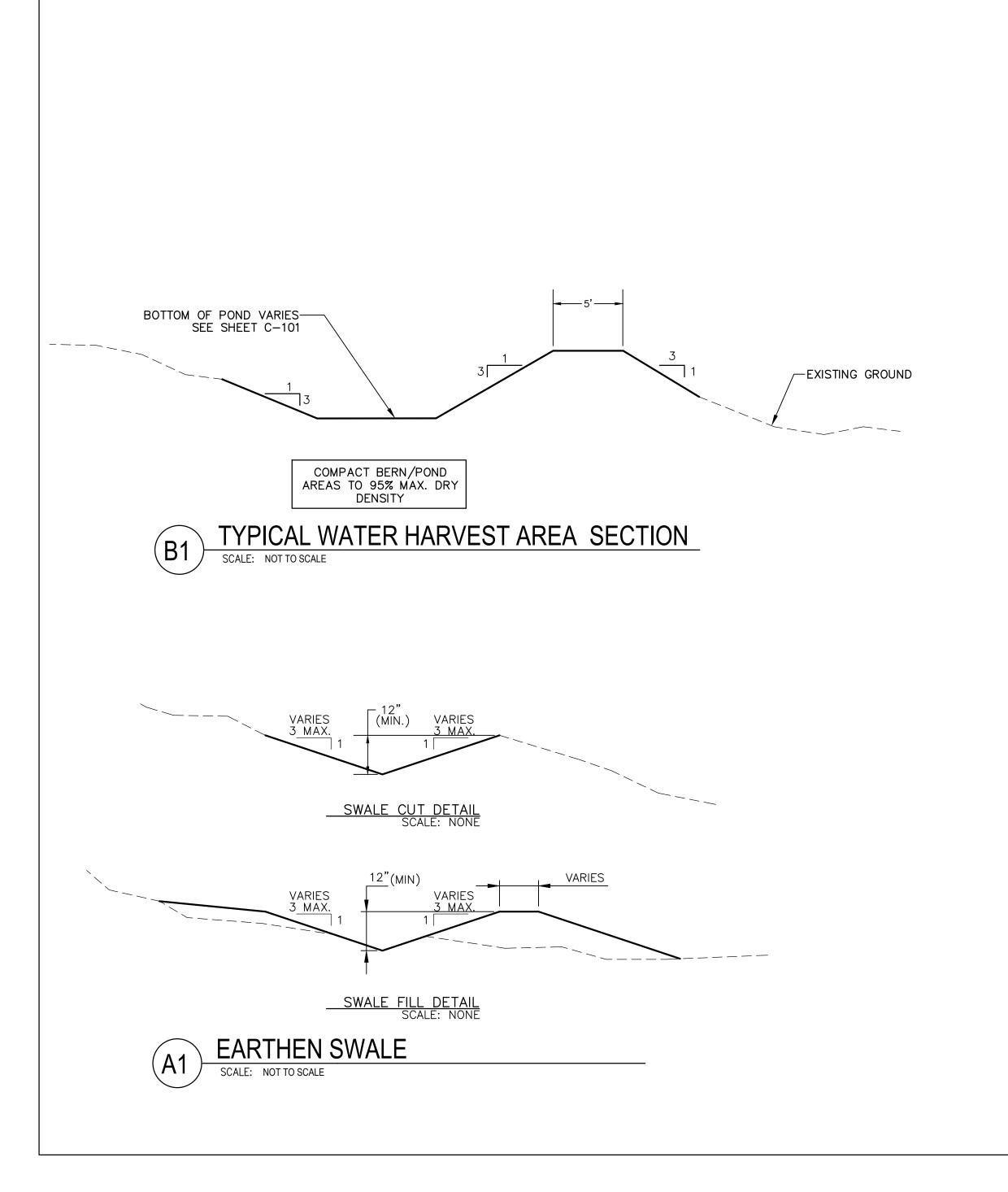
- 3. NEW EARTHEN SWALE SEE DETAIL SHEET C-501.
- 4. BUILD NEW FIRST FLUSH POND. SEE DETAIL SHEET C-501 FOR DETAILS. INV=71.0 DEPTH=6"
- 5. EXISTING CONCRETE DRIVEWAY TO REMAIN.
- 6. EXISTING CONCRETE SLAB AND SIDEWALK TO REMAIN.

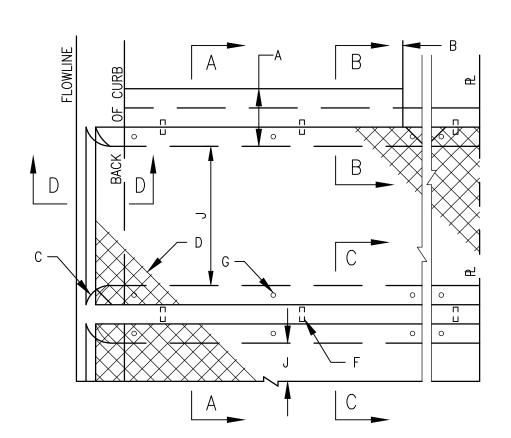
MILLER ENGINEERING CONSULTANTS	Engineers • Planners	3500 COMANCHE NE   BLDG F   ALRIOLIFROLIF NM 87107	(505)888-7500 (505)888-3800 (FAX)	
MILLER ENGI		JOB # E	37IJ	DATE 10-17-19
		MEC	MEC	VAM





C - 101



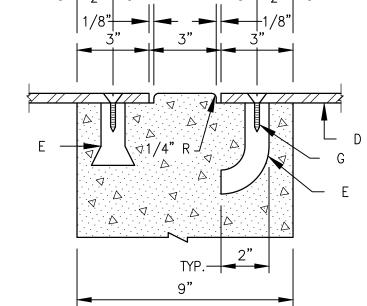


SINGLE CULVERT COR TRIPLE CULVERT DOUBLE CULVERT SYMMETRICAL ABOUT BOTTOM OF C. & G. FLOWLINE ELEV. —

SECTION A-A

SINGLE AND OR MULTIPLE CULVERT

FLOWLINE D 0 0



SECTION C-C

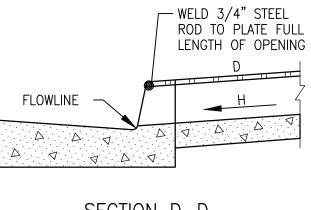
## **GENERAL NOTES:**

SIDEWALK

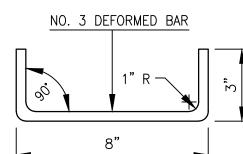
- 1. PLACING OF DRAIN THRU EXIST. SIDEWALK AND CURB & GUTTER REQUIRES THAT ENTIRE SIDEWALK AND C & G STONES BE REMOVED AND REPLACED AS DETAILED HEREIN.
- 2. BOTTOM SLAB OF CULVERT SHALL BE POURED MONOLITHICALLY WITH NEW GUTTER.

SECTION B-B

- 3. THE INVERT SHALL BE TROWELED TO PRODUCE A HARD POLISHED SURFACE OF MAX. DENSITY AND SMOOTHNESS. INVERT SHALL BE V-SHAPED TO WITHIN 3" OF OUTLET, THEN WARPED TO PARALLEL FLOWLINE AT OUTLET, UNLESS OTHERWISE SHOWN.
- 4. ALL EXPOSED CONC. SURFACE SHALL MATCH GRADE, COLOR, FINISH AND SCORING OF ADJACENT CURB AND SIDEWALK.
- 5. SIDEWALK REPLACED DURING CONSTRUCTION SHALL BE POURED MONOLITHICALLY WITH CULVERT WALLS.
- 6. IF ROD ANCHORS ARE USED, DRILL & TAP FOR F.H. MACHINE SCREW. ATTACH ANCHORS TO PLATE AND SECURE PLATE IN PLACE PRIOR TO POURING OF WALLS.
- 7. LENGTH OF EACH PLATE SHALL BE SUCH THAT THE WEIGHT WILL NOT EXCEED 300 LBS. AND SHALL BE STRESS RELIEVED AFTER FABRICATION. CLEAN SURFACE OF PLATE AND FRAMING MEMBERS AND PAINT W/ ONE SHOP COAT RED OXIDE AND TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
- 8. THE CITY WILL NOT ASSUME RESPONSIBILITY FOR MAINTENANCE OF ANY SIDEWALK CULVERT INSTALLED BY OR FOR PRIVATE PROPERTY OWNERS.



SECTION D-D



## DOWEL DETAIL

## SIDEWALK CULVERT CONSTRUCTION NOTES:

- A. MATCH NEAREST CONTROL JOINT, INSTALL 1/2" EXPANSION
- B. EDGE OF SIDEWALK OR SETBACK (VARIABLE).
- C. 3" RADIUS (TYPICAL).
- D. 3/8" CHECKERED STEELE PLATE (PRINT PER NOTE 7, ABOVE. E. FOR SECURING PLATE USE 1" x 5" S.S. ROD ANCHOR, "RED HEAD MULTI-SEE II SRM-38 ANCHOR" OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS AT MAX. 24" O.C., A MINIMUM OF 2 PER SIDE AND ONE WITH 6" OF OF EACH END.
- F. CONSTRUCTION JOINT IS OPTIONAL. IF USED, SPACE DOWELS AT 18" O.C. MAX., 1/2" MINIMUM FROM FACE OF CONCRETE G.  $\frac{3}{8}$  - 16 X 1  $\frac{1}{4}$ " COUNTERSUNK, F.H., STAINLESS STEEL
- MACHINE SCREW. H. SLOPE ¼" PER FT. MIN
- DRAIN WIDTH PER PLAN (12"., MIN., 24" MAX.).



SIDEWALK CULVERT DETAIL

SCALE: NOT TO SCALE

C - 501

RIVAS

AMBRIZ

MISCELLANEOU

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

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

## **ELEVATION CERTIFICATE**

Important: Follow the instructions on pages 1-9.				
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance a	agent/company, and (3) building owner.			
SECTION A - PROPERTY INFORMATION	FOR INSURANCE COMPANY USE			
A1. Building Owner's Name	Policy Number:			
Tina Privat				
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and	Company NAIC Number:			
Box No. 4517 Las Hermanas St XW State				
City State	ZIP Code			
A3. Property Description (Vot and Block Numbers, Tax Parcel Number, Legal Description, etc.)	87107			
A3. Property Description (Vol and Block Numbers, Tax Parcel Number, Legal Description, etc.)				
Lot 33-A Las Hermanas Addition				
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)	<u>)                                    </u>			
A5. Latitude/Longitude: Lat. 35°07'41.15" Long. 106°38'17.83" Horizontal Datu	m: NAD 1927 NAD 1983			
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insu	rance.			
A7. Building Diagram Number 1A				
A8. For a building with a crawlspace or enclosure(s):				
a) Square footage of crawlspace or enclosure(s)				
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above	e adjacent grade			
c) Total net area of flood openings in A8.b X//A sq in				
d) Engineered flood openings?				
A9. For a building with an attached garage:				
a) Square foolage of altached garage				
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent	grade N/A			
c) Total net area of flood openings in A9.b A/A sq in				
d) Engineered flood openings? ☐ Yes [X] No				
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORM	ATION			
B1. NFIP Community Name & Community Number B2. County Name	B3. State			
City of Albuquerque 350002 Bernalillo	NM 🖸			
B4. Map/Panel B5. Suffix B6. FIRM Index B7. FIRM Panel B8. Flood B9.	Base Flood Elevation(s)			
Number Date Effective/ Zone(s)  35001C Zone(s)	(Zone AO, use Base Flood Depth)			
0119 G 9-26-08 8-16-12 AH	4972			
810. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Itel	m B9:			
FIS Profile Community Determined Other/Source:				
B11. Indicate elevation datum used for BFE in Item B9: 🔲 NGVD 1929 💢 NAVD 1988 🔲 Other/Source:				
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Prof	lected Area (OPA)? TYes TV No			

Designation Date:

X//A CBRS OPA

## **ELEVATION CERTIFICATE**

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

IMPORTANT: In these spaces, copy the corresponding information from Sect	lon A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route	and Box No.	Policy Number:
4517 Las Hermanas ST. NW		
City State ZIPC		Company NAIC Number
Albuquerque Am = 0	7107	
SECTION C - BUILDING ELEVATION INFORMATION	· · · · · · · · · · · · · · · · · · ·	
C1. Building elevations are based on: Construction Drawings* Buildi *A new Elevation Certificate will be required when construction of the building	ing Under Constru n is complete.	iction*
C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE		'AE, AR/A1-A30, AR/AH, AR/AO,
Complete Items C2.a-h below according to the building diagram specified in	Item A7. In Puert	o Rico only, enter meters.
Indicate elevation datum used for the elevations in items a) through h) below		,
☐ NGVD 1929 X NAVD 1988 ☐ Other/Source:		
Datum used for building elevations must be the same as that used for the BF	E.	Charleth
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	4972.6	Check the measurement used.  S reet meters
b) Top of the next higher floor	<u> </u>	feet
c) Boltom of the lowest horizontal structural member (V Zones only)	<u>N/}</u>	feet meters
d) Altached garage (top of slab)	NIA	feet
e) Lowest elevation of machinery or equipment servicing the building     (Describe type of equipment and location in Comments)	4972.6	5 N feet meters
f) Lowest adjacent (finished) grade next to building (LAG)	4972.4	· M feet meters
g) Highest adjacent (finished) grade next to building (HAG)	4972.6	K feet  meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	[] feet [] meters
SECTION D - SURVEYOR, ENGINEER, OR ARCH	HTECT CERTIFI	CATION
This certification is to be signed and sealed by a land surveyor, engineer, or archi I certify that the information on this Certificate represents my best efforts to interpresent may be punishable by fine or imprisonment under 18 U.S. Code, Section	tect authorized by	law to certify elevation information.
Were latitude and longitude in Section A provided by a licensed land surveyor?	XYes □ No	Check here if attachments.
Certifier's Name License Number		
Anthony L. Harris XIMPS 1146	3	1941
Title , Q		THONY L MY
President		ST STATE OF SE
Company Name		
Address A (		
1308 Ciclo Vista Del Sur AW		MEXICO AND
City State	ZIP Code	- Maria
Corrales . MM	87168	ADERSIONAL CA
	Telephone	Ext.
Circhary 2-1/2020	250-	2273
Copy all pages of this Elevation Certificate and all attachments for (1) community office	ial, (2) insurance a	igent/company, and (3) building owner.
Comments (including type of equipment and location, per C2(e), if applicable)		

#### **BUILDING PHOTOGRAPHS**

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

#### **ELEVATION CERTIFICATE**

See Instructions for Item A6.

		The state of the s	
IMPORTANT: In these spaces, copy the cor	responding informat	lon from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, S	Suite, and/or Bldg. No.	) or P.O. Route and Box No.	Policy Number:
4517 has Herma	anas St.	xlu)	
City	State	ZIP Code	Company NAIC Number
Alburuerque	KIM	O 87107	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

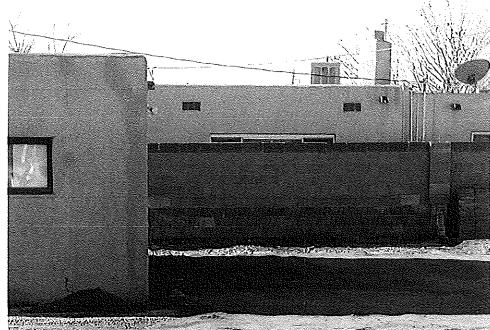


Photo One Caption

Clear Photo One

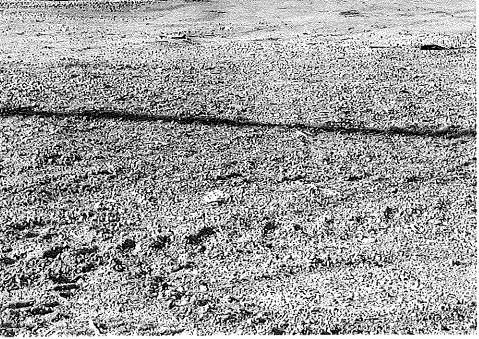


Photo Two Caption

Clear Photo Two



# City of Albuquerque

# Planning Department Floodplain Development Permit

Project Title 4517 Las Hermanas Slbugi	urgue, NH 87107
Project Location (Major Cross Streets/Arroyo or address)	-
Property Owner: (Note: If applying for a Building Permit, the "C must match the "Owner" name on the Building Permit.)	
Company Name or Owner Name: Jose Rivas	
Responsible Person: (Note: Name below may be the same as Owner Name: Jose Pincs	ame above if there is no Company Name)
Phone Number	5) 730.6971
Phone Number (50) E-mail: (Mbcircius)	gmast. Com
Site Contact: (if different than Property Owner info above.)	тобой койов. На стоит постоя постоя по пред пред пред постоя на постоя на постоя на постоя постоя по постоя по
Name:	_
Phone:	
e-mail:	
For City personnel use only:	
City Personnel Signature:	Date
Description of Work	
Check all that apply:	
Final Elevation Certificate required prior to Certificate of Occupant	су
No Building Permits will be allowed until FEMA issues a LOMR r	emoving the SFHA.
A LOMR must be obtained from FEMA prior to release of Financia	al Guarantees.

# Floodplain Development Permit Application Planning Dept., City of Albuquerque

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

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

Applicant Signature (Las 1 Trumos Date 02 /17 /2020
Applicant Printed Name Jose Rivas Phone #(505) 730.6971
Owner Signature Loso Miros Date 02/17/2026
Owner Printed Name Jose Rives Phone #: (505) 7.30.6971
Applicant is (check one): Owner X Builder Engineer/Architect
Section 2: Proposed Development in Special Flood Hazard Area (to be completed by Applicant)
Project address/Legal Disc/Location: 4517895 Hermanas
Albuquerque, NM 87/07

## Section 2 (Cont.) - Description of Work in Special Flood Hazard Area (SFHA): A. Building Development and Building Type STRUCTURE TYPE **ACTIVITY** X Residential (1-4 Family) New Building Addition Residential (More than 4 Family) Alteration Non Residential (Flood-proofing? Yes) Relocation Combined Use (Residential & Commercial) Demolition Manufactured Home (In Mobile Home Park? Yes) Replacement If an addition or alteration: **Estimated Cost of Project** Estimated Value of structure before addition/alteration. Percent of value (new construction /existing value) B. Other Development Activities X Clearing X Grading \_\_\_\_ Utilities Paving Watercourse Alteration (Bridge or Channel Modification) Drainage Improvements (Storm drain or culverts) Road, Street or Bridge Construction Subdivision Walls or Fences \_\_\_\_ Storage of Materials/Equipment for more than a year. (Materials Volume (cu. Ft.) \_\_\_\_\_) Other (Please Specify) Is there a Grading & Drainage Plan associated with this work? Yes X No

Drainage file Number: G 150 066

The proposed development is located on FIRM Panel:  The proposed development is located in Zone X and NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED.  A portion of the proposed development is located in a SFHA but not any buildings so an approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit and no Building Permit will be issued for this construction.  A portion of the proposed Building is located in a SFHA but the project does not include any storm drain improvements and/or channel modifications so:  1. Approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit,  2. Draft Elevation Certificate (Date) is required prior to issuance of a Building Permit, and  3. Final Elevation Certificate and Engineer's Certification is required prior to Certificate of Occupancy.  A portion of the proposed Building is located in a SFHA and the project includes storm drain improvements and/or channel modifications that will change the floodplain location so  1. An Approved Grading and Drainage Plan is required (Engineer's Stamp Date) prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work Order.  2. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA.  3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Enginee	Section 3: Floodplain Determination (Completed by the Floodplain Administrator)
A portion of the proposed development is located in a SFHA but not any buildings so an approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit and no Building Permit will be issued for this construction.  A portion of the proposed Building is located in a SFHA but the project does not include any storm drain improvements and/or channel modifications so:  1. Approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit, 2. Draft Elevation Certificate (Date) is required prior to issuance of a Building Permit, and 3. Final Elevation Certificate and Engineer's Certification is required prior to Certificate of Occupancy.  A portion of the proposed Building is located in a SFHA and the project includes storm drain improvements and/or channel modifications that will change the floodplain location so  1. An Approved Grading and Drainage Plan is required (Engineer's Stamp Date) prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work Order.  2. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA.  3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA	The proposed development is located on FIRM Panel:
approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit and no Building Permit will be issued for this construction.	The proposed development is located in Zone X and NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED.
1. Approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit,  2. Draft Elevation Certificate (Date) is required prior to issuance of a Building Permit, and  3. Final Elevation Certificate and Engineer's Certification is required prior to Certificate of Occupancy. A portion of the proposed Building is located in a SFHA and the project includes storm drain improvements and/or channel modifications that will change the floodplain location so  1. An Approved Grading and Drainage Plan is required (Engineer's Stamp Date) prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work Order.  2. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA.  3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit. A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and  2. CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Under Request (Engineer's Stamp Date) and an Approved Under Request (Engineer's Stamp Date) and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Engineer's Certification be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.	approved G&D Plan is required (Engineer's Stamp Date ) prior to issuance of a
of a Floodplain Development Permit,  2. Draft Elevation Certificate (Date	A portion of the proposed Building is located in a SFHA but the project does not include any storm drain improvements and/or channel modifications so:
2. Draft Elevation Certificate (Date	Approved G&D Plan is required (Engineer's Stamp Date) prior to issuance of a Floodplain Development Permit,
3. Final Elevation Certificate and Engineer's Certification is required prior to Certificate of Occupancy.  A portion of the proposed Building is located in a SFHA and the project includes storm drain improvements and/or channel modifications that will change the floodplain location so  1. An Approved Grading and Drainage Plan is required (Engineer's Stamp Date) prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work Order.  2. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA.  3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and  2. CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) has approved by Hydrology prior to approval of the LOMR application to FEMA (Date) prior to issuance of a Building Permit.	2. Draft Elevation Certificate (Date ) is required prior to issuance of a Building
I. An Approved Grading and Drainage Plan is required (Engineer's Stamp Date	3. Final Elevation Certificate and Engineer's Certification is required prior to Certificate of
prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work Order.  2. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA.  3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and  2. CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved "LOMR' Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  Drainage File Number: Floodplain Permit Number:	A portion of the proposed Building is located in a SFHA and the project includes storm drain improvements and/or channel modifications that will change the floodplain location so
(Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA.  3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and 2. CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved Engineer's Certification (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  Drainage File Number: Floodplain Permit Number:	prior to issuing a Flood Plain Development Permit and a Grading Permit and/or a Work
3. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit. A portion of the proposed development is located in a FLOODWAY so:  1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and  2. CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  Drainage File Number: Floodplain Permit Number:	(Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR
<ol> <li>Approved G&amp;D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and</li> <li>CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.</li> <li>The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR'Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).</li> <li>The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.</li> </ol> Drainage File Number: Floodplain Permit Number:	3. The Floodplain must be removed by a LOMR from FEMA (Date ) prior to
Request (Date) is required prior to approval of the application to FEMA, and  2. CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.  3. The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  Drainage File Number: Floodplain Permit Number:	A portion of the proposed development is located in a FLOODWAY so:
<ol> <li>CLOMR from FEMA (Date) is required prior to issuance of a Floodplain Development Permit, a Grading Permit, and/or a Work Order.</li> <li>The improvements must be constructed and an Approved Engineer's Certification (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).</li> <li>The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.</li> </ol> Drainage File Number: Floodplain Permit Number:	1. Approved G&D Plan (Engineer's Stamp Date) and an Approved CLOMR Request (Date) is required prior to approval of the application to FEMA, and
3. The improvements must be constructed and an Approved Engineer's Certification  (Engineer's Stamp Date) and an Approved LOMR Request (Engineer's Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  Drainage File Number: Floodplain Permit Number:	2. CLOMR from FEMA (Date ) is required prior to issuance of a Floodplain
Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to issuance of a Building Permit.  Drainage File Number: Floodplain Permit Number:	3. The improvements must be constructed and an Approved Engineer's Certification
Drainage File Number: Floodplain Permit Number:	Stamp Date) must be approved by Hydrology prior to approval of the LOMR application to FEMA (Date).  4. The Floodplain must be removed by a LOMR from FEMA (Date) prior to
	· ·
Printed Name:	Printed Name: