

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Interim Director



Mayor Timothy M. Keller

July 15, 2019

Mike Walla, P.E.
Walla Engineering
6501 Americas Parkway, Suite 301
Albuquerque, NM 87110

RE: **La Pasada Addition**
2206 4th St NW
Request for Certificate of Occupancy – Permanent
Engineer's Certification – Accepted
Grading and Drainage Plan Stamp Date: 8/20/18
Certification Dated: 7/11/19
Hydrology File: H14D089

PO Box 1293

Dear Mr. Walla:

Albuquerque

Based on submittal received on 7/11/19, the Engineer's Certification approved in support of Certificate of Occupancy (Permanent) by Hydrology.

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

NM 87103

Sincerely,

www.cabq.gov

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services

C: Email Fox, Debi; Tena, Victoria; Sandoval, Darlene; Costilla, Michelle



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: LA PASADA ADDITION **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: TRACT NUMBERED SEVENTY-FOUR (74) OF M.R.G.C.D. MAP NO. 36, BERNALILLO COUNTY, NEW MEXICO
City Address: 2206 FOURTH STREET NW, ALBUQUERQUE, NEW MEXICO 87102

Applicant: WALLA ENGINEERING **Contact:** MIKE WALLA
Address: 6501 AMERICAS PARKWAY NE, SUITE 301, ALBUQUERQUE, NM 87110
Phone#: 505-881-3008 **Fax#:** 505-881-4025 **E-mail:** mikew@wallaengineering.com

Other Contact: FBT ARCHITECTS **Contact:** TED GRUMLATT
Address: 6501 AMERICAS PARKWAY NE, SUITE 300, ALBUQUERQUE, NM 87110
Phone#: 505-883-5200 **Fax#:** 505-884-5390 **E-mail:** tcg@fbtarch.com

TYPE OF DEVELOPMENT: _____ PLAT (# of lots) _____ RESIDENCE _____ DRB SITE ADMIN SITE

IS THIS A RESUBMITTAL? _____ Yes No

DEPARTMENT _____ TRANSPORTATION HYDROLOGY/DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- ENGINEER/ARCHITECT CERTIFICATION
- PAD CERTIFICATION
- CONCEPTUAL G & D PLAN
- GRADING PLAN
- DRAINAGE REPORT
- DRAINAGE MASTER PLAN
- FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- ELEVATION CERTIFICATE
- CLOMR/LOMR
- TRAFFIC CIRCULATION LAYOUT (TCL)
- TRAFFIC IMPACT STUDY (TIS)
- STREET LIGHT LAYOUT
- OTHER (SPECIFY) _____
- PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- BUILDING PERMIT APPROVAL
- CERTIFICATE OF OCCUPANCY
- PRELIMINARY PLAT APPROVAL
- SITE PLAN FOR SUB'D APPROVAL
- SITE PLAN FOR BLDG. PERMIT APPROVAL
- FINAL PLAT APPROVAL
- SIA/ RELEASE OF FINANCIAL GUARANTEE
- FOUNDATION PERMIT APPROVAL
- GRADING PERMIT APPROVAL
- SO-19 APPROVAL
- PAVING PERMIT APPROVAL
- GRADING/ PAD CERTIFICATION
- WORK ORDER APPROVAL
- CLOMR/LOMR
- FLOODPLAIN DEVELOPMENT PERMIT
- OTHER (SPECIFY) _____

DATE SUBMITTED: 7-11-19 **By:** MIKE WALLA

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

RE-DEVELOPMENT FIRST FLUSH VOLUME CALCULATION FOR FEE-IN-LIEU PAYMENT

AREA RE-DEVELOPED SURFACE TREATMENT D = 1,950 SF
 RAINFALL = .026 IN
 VOLUME = 1,950 X 0.26 IN = 42 CF
 FEE-IN-LIEU = 42 CF X \$8.00/CF = \$336.00

HYDROLOGY CALCULATIONS

PRECIPITATION ZONE 2 DESIGN STORM: (IN)		1hr	6hr	24hr	4day	10day		
		2.01	2.35	2.75	3.30	3.95		
EXISTING CONDITIONS								
LAND TRTMNT (ACRE)	AREA (%)	P6 (%)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	V10DAY (CF)
A	0.000	0%	0.53	1.56	0.00	0	0	0
B	0.233	14%	0.78	2.28	0.53	660	660	660
C	0.000	0%	1.13	3.14	0.00	0	0	0
D	1.374	86%	2.12	4.70	6.46	10,574	12,569	15,312
TOTALS	1.607	100%			6.99	11,233	13,229	15,972
PROPOSED CONDITIONS								
LAND TRTMNT (ACRE)	AREA (%)	P6 (%)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	V10DAY (CF)
A	0.000	0%	0.53	1.56	0.00	0	0	0
B	0.233	14%	0.78	2.28	0.53	660	660	660
C	0.000	0%	1.13	3.14	0.00	0	0	0
D	1.374	86%	2.12	4.70	6.46	10,574	12,569	15,312
TOTALS	1.607	100%			6.99	11,233	13,229	15,972

MAIL: 6501 Americas Pkwy NE, Ste. 300
 Albuquerque, NM 87110
 PHO: 505.883.5200
 FAX: 505.884.5390
 WEB: www.fbtarch.com

CONSULTANT

CIVIL
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 p_505.881.3008 f_505.881.4025

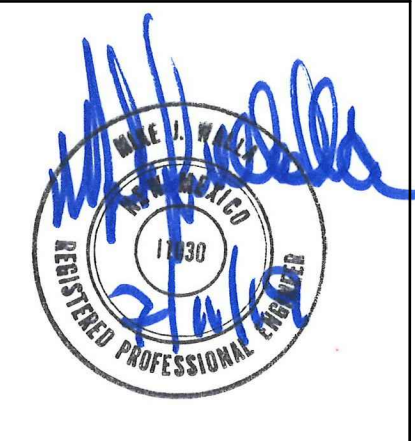
STRUCTURAL
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MECHANICAL
Arsed Engineering - Pat Sedillo
 Albuquerque, NM
 p_505.761.3100

ELECTRICAL
A C Engineering - Bud Telc
 Albuquerque, NM
 p_505.842.5787

ENGINEERS CERTIFICATION

I, MIKE WALLA, NMPE 11030, OF THE FIRM WALLA ENGINEERING, LTD., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 8-20-18 TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED FROM LORENZO DOMINGUEZ, NMPS 10461. I FURTHER CERTIFY THAT I HAVE I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7-11-19. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY. THE INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THE PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



SHEET KEYNOTES

- NEW 4" THICK, 4000 PSI, AIR-ENTRAINED, CONCRETE SIDEWALK PER A1/C-201
- NEW CONCRETE CURB PER A2/C-201
- 2"Ø PIPE THRU CURB FOR DRAINAGE RELEASE
- 1'-0" WIDE SIDEWALK CULVERT PER A3/C-201

LEGEND

	PROPERTY LINE	TC	TOP OF CONCRETE
	EXISTING CONTOUR	FG	FINISHED GRADE
	EXISTING SPOT ELEVATION		FLOW DIRECTION
	NEW SPOT ELEVATION		ROOF DRAIN LOCATION
	NEW CONTOUR		NEW CONCRETE PAVING
	FL		FLOWLINE



ENGINEER

LEGAL DESCRIPTION

TRACT NUMBERED SEVENTY-FOUR (74) OF M.R.G.C.D. MAP NO. 36, BERNALILLO COUNTY, NEW MEXICO.

BENCHMARK

ACS CONTROL MONUMENT "A-438"
 STAINLESS STEEL ROD SET BENEATH A 5-1/2" ACCESS COVER, STAMPED "A-438, 1984", LOCATED IN THE NW QUADRANT OF MENAUL BOULEVARD, N.W., AND THE BNSF RAILROAD TRACKS.
 ELEV = 4975.35 (NAVD 1988)

FLOOD INFORMATION

THIS PROPERTY DOES LIE IN AN AREA COVERED BY A FORMAL F.E.M.A. FLOOD STUDY. PROPERTY LIES WITHIN ZONE "X" (No Flood Hazard) AND IS NOT SUBJECT TO 100-YEAR FLOOD HAZARDS. REFERENCE: FLOOD INSURANCE RATE MAP, BERNALILLO COUNTY, NEW MEXICO, PANEL 350002 0332 G, EFFECTIVE DATE: SEPTEMBER 26, 2008.

NOTE: STREETS FLOOD (ZONE A0, DEPTH 1')

DESIGN NARRATIVE

THE SUBJECT PROJECT IS A SMALL, 1145 SF, ADDITION TO AN EXISTING BUILDING. THE ORIGINAL BUILDING AND ADDITION ARE LOCATED ON A 1.607 ACRE DEVELOPED SITE THAT WAS CONSTRUCTED IN 2001. THE ORIGINAL GRADING & DRAINAGE PLAN FOR THIS DEVELOPMENT WAS DESIGNED BY MARK GOODWIN & ASSOC. AND THE PLAN WAS DATED 7/19/2000. THE NEW ADDITION WILL REPLACE AN EXISTING PAVED AREA ON THE SITE. THE NEW ROOF AREA WILL DRAIN TO THE EXISTING PARKING LOT THAT CURRENTLY TRANSMITS DRAINAGE VIA SURFACE FLOW TO THE ADJACENT STREET (ARVADA AVE.). OTHERWISE THERE ARE NO ADDITIONAL SITE IMPROVEMENTS THAT WILL AFFECT THE DRAINAGE CHARACTERISTICS OF THIS SITE. THEREFORE, HISTORIC RUNOFF FROM THE SITE WILL BE UNAFFECTED BY THIS CONSTRUCTION PROJECT. THERE ARE NO AVAILABLE AREAS ON THE SITE TO CREATE POND STORAGE OF A COA REQUIRED FIRST FLUSH RUNOFF VOLUME AND THE DEVELOPER WILL BE REQUIRED TO PAY A ONE TIME FEE-IN-LIEU CHARGE IN ORDER TO ALLOW FREE DISCHARGE OF THIS VOLUME TO DOWNSTREAM STORM DRAIN FACILITIES. THE CALCULATION FOR THIS FEE IS INCLUDED ON THIS GRADING & DRAINAGE PLAN.

La Pasada Kitchen Addition

Construction Documents

2206 FOURTH STREET NW
 ALBUQUERQUE, NM 87102

August 20, 2018

MARK	DATE	DESCRIPTION

ISSUE:	100% CD's
DATE:	
PROJECT NO:	704
CAD DWG FILE:	
DRAWN BY:	LEK
CHECKED BY:	MJW

SHEET TITLE
GRADING and DRAINAGE PLAN

C-101

VICINITY MAP H-14-Z

