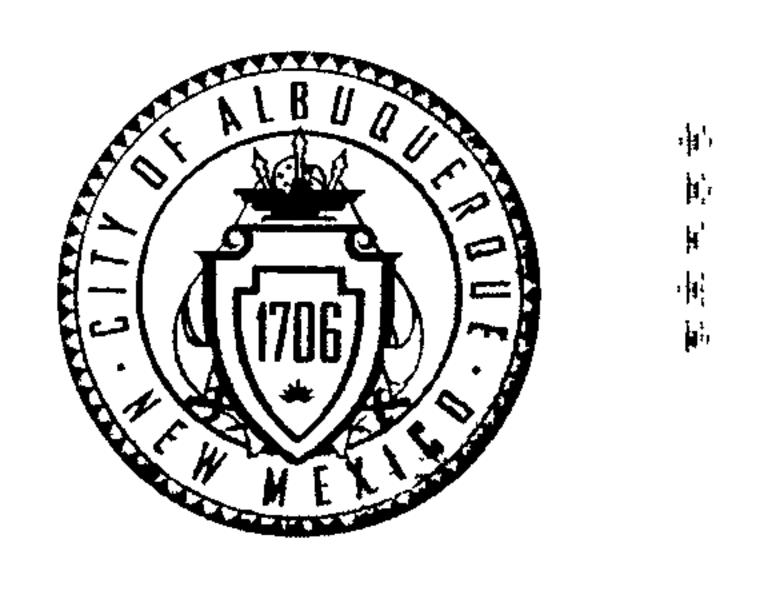
Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

November 14, 2016

Jake Bordenave, P.E.
Bordenave Designs
PO Box 91194
Albuquerque, New Mexico 87109

RE: Suazo Residence

6511 Petirrojo Rd. NW

Request for permanent C.O. – Accepted Engineers Stamp Date 4/16/14 (J13D096)

Certification Dated 11/10/16

PO Box 1293

Dear Mr. Bordenave,

Based upon the information provided in your certification received 11/11/2016, the permanent CO requested for this site is acceptable by hydrology.

Albuquerque

If you have any questions you can contact me at 924-3986 or Rudy Rael at 924-3977.

New Mexico 87103

www.cabq.gov

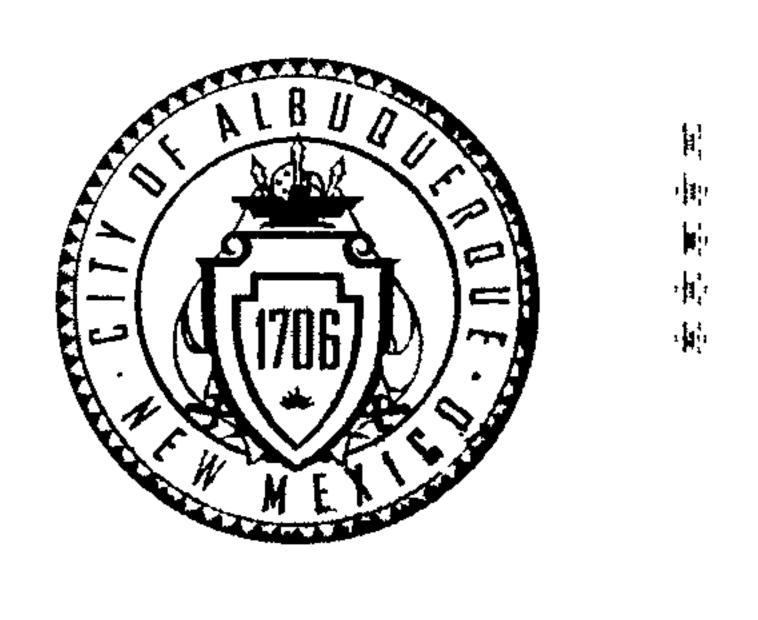
Abiel Carrillo, P.E.

Sincerely

Principal Engineer, Hydrology

Planning Department

Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

October 4, 2016

Jake Bordenave, P.E.
Bordenave Designs
PO Box 91194
Albuquerque, New Mexico 87109

RE: Suazo Residence Lot 8, Block 10 Volcano Cliffs Unit 22 Grading and Drainage Plan Engineers Stamp Date 9/29/16 (D10D003P8)

Dear Mr. Bordenave,

PO Box 1293

Based upon the information provided in your submittal received 9/29/2016 the above referenced Grading and Drainage Plan is acceptable for Grading Permit and Building permit. Attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology.

Albuquerque

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

New Mexico 87103

If you have any questions you can contact me at 924-3695 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely

Abiel Carrillo P.E.
Principal Engineer, Hydrology

Planning Department

RR/RH C: File

Jake Bordenave

From: Jake Bordenave < jakebordenave@comcast.net>

Sent: Thursday, September 29, 2016 2:57 PM

To: Rudy Rael

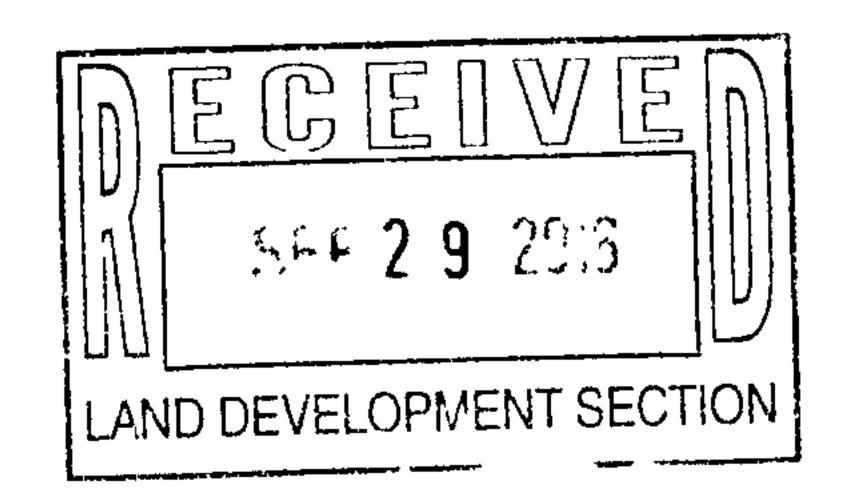
Subject: Suazo Residence

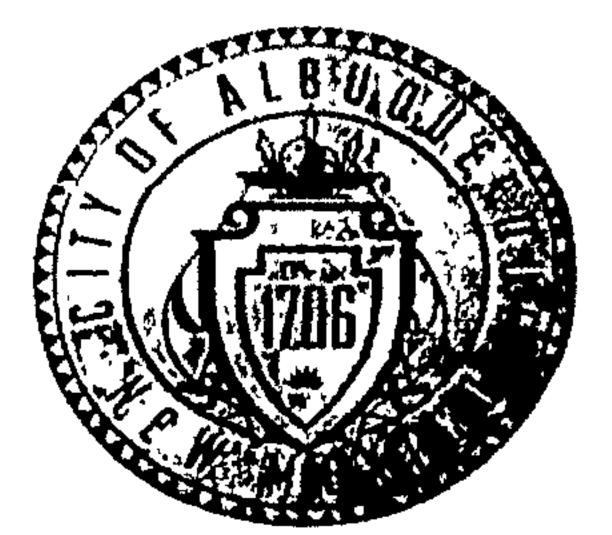
Attachments: 1618GRAD-GRADE.pdf

Rudy,

The G&D pdf is attached. I will bring a hard copy of the G&D this afternoon.

Jake
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199
Area code 505 Ph. 823-1344
Fax 821-9105, Cell 480-6812
jakebordenave@comcast.net





Planning Department

Development & Building Services Division

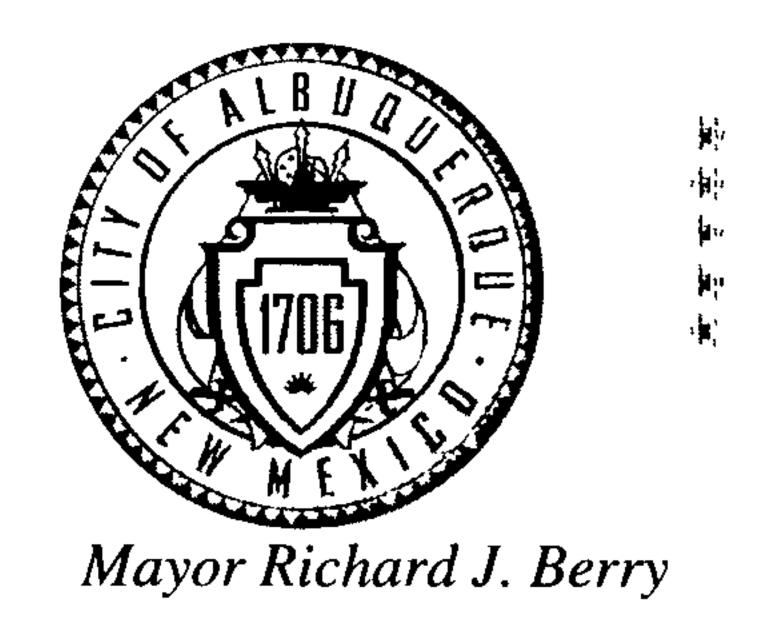
DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

roject Title: QUAZO RESUDEN	10E EPC#:	Building Permit #:	City Drainage #: p(000003) Work Order#:
egal Description: Lot 8, Block		Cliffs Unit	
ity Address:			
ngineering Firm: Boxenuse. ddress: P.O. Box 9194	DASIGNIS		Contact: Jake
10ne#: 823-1344	Fax#:		E-mail: Jakobordanaue Comes
wner: <u>D. Suato</u>			Contact: D. Suazo
ddress: 6530 Picardia			T? :1.
10ne#: <u>620-266</u>	Fax#:		E-mail:
ddress:	 	······································	Contact:
none#:	Fax#:		E-mail:
ther Contact:	····		Contact:
ddress:	T-7 ()		
one#.	Fax#:		E-mail:
neck all that Apply: EPARTMENT: HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO		BUILDING F	F APPROVAL/ACCEPTANCE SOUGHT: PERMIT APPROVAL TE OF OCCUPANCY
EPARTMENT: Note: The process of the		BUILDING F CERTIFICAT PRELIMINA SITE PLAN	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL
EPARTMENT: MAY HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO PE OF SUBMITTAL:		BUILDING F CERTIFICATE PRELIMINA SITE PLAN SITE PLAN FINAL PLAT	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL
EPARTMENT: \times HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO YPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATIO CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN	N () N ()	BUILDING F CERTIFICATE PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/RELEA	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL
EPARTMENT: Mydrology/drainage Traffic/transportation Ms4/EROSION & SEDIMENT CONTRO YPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATIO CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT	N CE TO THE SER 2 9 2013	BUILDING F CERTIFICATE PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATION GRADING P	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL
EPARTMENT: A HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO PE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATIO CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR	SEF 29 2013	BUILDING F CERTIFICATE PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATION GRADING P	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL
EPARTMENT: A HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO YPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATIO CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCI	SEF 29 2013	BUILDING F CERTIFICAT PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATION GRADING F VAVING PET GRADING/ F	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE PERMIT APPROVAL PERMIT APPROVAL OVAL RMIT APPROVAL PAD CERTIFICATION
EPARTMENT: A HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO YPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATIO CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT	SEF 29 2018 LAND DEVELOPMENT	BUILDING F CERTIFICAT PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATION GRADING F VAVING PET GRADING/ F	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE DESCRIPTION PERMIT APPROVAL OVAL RMIT APPROVAL PAD CERTIFICATION OR APPROVAL
EPARTMENT: \(\text{Y}\) HYDROLOGY/ DRAINAGE \(\text{TRAFFIC}\) TRANSPORTATION \(\text{MS4}\) EROSION & SEDIMENT CONTRO \(\text{YPE OF SUBMITTAL:} \) \(\text{ENGINEER}\) ARCHITECT CERTIFICATIO \(\text{CONCEPTUAL G & D PLAN} \) \(\text{GRADING PLAN} \) \(\text{DRAINAGE MASTER PLAN} \) \(\text{DRAINAGE REPORT} \) \(\text{CLOMR/LOMR} \) \(\text{TRAFFIC CIRCULATION LAYOUT (TCIONTAFFIC IMPACT STUDY (TIS)} \) \(\text{EROSION & SEDIMENT CONTROL PLAN} \)	SEF 29 2018 LAND DEVELOPMENT	BUILDING F CERTIFICAT PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATIO GRADING F VAVING PE GRADING/ F WORK ORDE	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE PERMIT APPROVAL PERMIT APPROVAL OVAL RMIT APPROVAL PAD CERTIFICATION OR APPROVAL MR
EPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTRO YPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCI TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTROL PLA OTHER (SPECIFY)	SEF 29 2018 LAND DEVELOPMENT	BUILDING F CERTIFICAT PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATIO GRADING F AVING PE GRADING/ F WORK ORDE CLOMR/LON	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE TO PERMIT APPROVAL PERMIT APPROVAL OVAL RMIT APPROVAL PAD CERTIFICATION OR APPROVAL MR MEETING
EPARTMENT: \(\text{Y} \) HYDROLOGY/ DRAINAGE \(\text{TRAFFIC} \) TRANSPORTATION \(\text{MS4} / \text{EROSION & SEDIMENT CONTRO} \) \(\text{YPE OF SUBMITTAL:} \) \(\text{ENGINEER/ ARCHITECT CERTIFICATION} \) \(\text{CONCEPTUAL G & D PLAN} \) \(\text{GRADING PLAN} \) \(\text{DRAINAGE MASTER PLAN} \) \(\text{DRAINAGE REPORT} \) \(\text{CLOMR/LOMR} \) \(\text{TRAFFIC CIRCULATION LAYOUT (TCINTAFFIC IMPACT STUDY (TIS)} \) \(\text{EROSION & SEDIMENT CONTROL PLAN} \)	SEF 29 2018 LAND DEVELOPMENT	BUILDING F CERTIFICATE PRELIMINA SITE PLAN SITE PLAN FINAL PLAT SIA/ RELEA FOUNDATIO GRADING F GRADING/ F WORK ORDE CLOMR/LOM PRE-DESIGN OTHER (SPI	PERMIT APPROVAL TE OF OCCUPANCY RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL T APPROVAL SE OF FINANCIAL GUARANTEE TO PERMIT APPROVAL PERMIT APPROVAL OVAL RMIT APPROVAL PAD CERTIFICATION OR APPROVAL MR MEETING

ELECTRONIC SUBMITTAL RECEIVED: ____

COA STAFF.

Planning Department
Suzanne Lubar, Director



December 28, 2015

David Soule, P.E.
Rio Grande Engineering
PO Box 93924
Albuquerque, New Mexico 87199

RE: Suazo Residence Lot 8 Block 10 Unit 22 Volcano Cliffs

6511 Petirrojo NW 6530 PICALOIA

Grading and Drainage Plan

Engineers Stamp Date 1/20/16 (D10D0003P8)

Dear Mr. Soule,

Based upon the information provided in your submittal received 1/20/16, this plan is approved for Grading Permit and Building Permit. This will now be the plan used for

certification.

Please let the builder know to attach a copy of this approved plan to the construction sets in

the permitting process prior to sign-off by Hydrology.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of

New Mexico 87103 this plan will be required.

Sincerely,

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

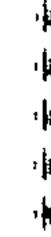
www.cabq.gov

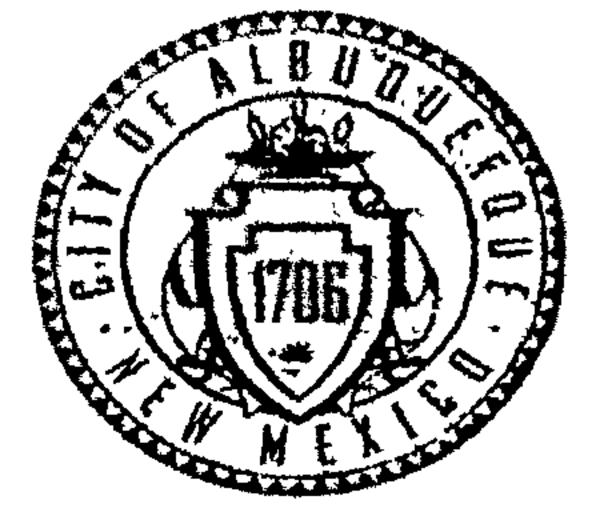
Albuquerque

Abiel Carrillo, PÆ.

Principal Enginéer, Hydrology

Planning Department





Planning Department

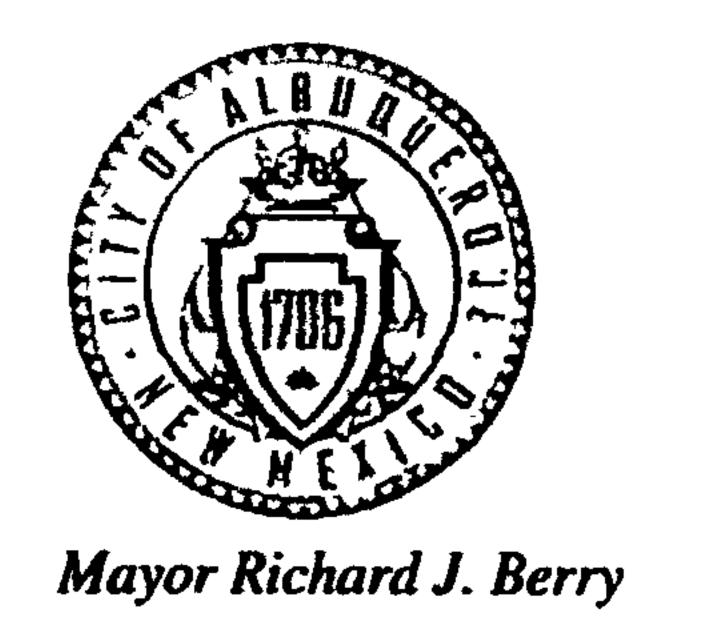
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: SUAZO RESIDENCE		Building Permit #	City Drainage #: D10D0003P8
DRB#.	EPC#:		Work Order#:
Legal Description: lot 8 block 10 volcano	cliffs UNIT 22		
City Address: 6511 PETIRROJO NW			
Engineering Firm: RIO GRANDE ENGIN	NEERING		Contact: DAVID SOULE
Address: PO BOX 93924, ALBUQUERQU	E, NM 87199		
Phone#: 505.321.9099	Fax#: 505.872.0999		E-mail: DAVID@RIOGRANDEENGINEERING.COM
Owner: DEANNA SUAZO			Contact:
Address: 6511 PETIRROJO NW 87120			
Phone#:	Fax#.		E-mail:
Architect: none			Contact:
Address:			
Phone#:	Fax#:		E-mail:
Other Contact:			Contact:
Address:			
Phone#:	Fax#:	· · · · · · · · · · · · · · · · · · ·	E-mail:
 X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CO 	ONTROL		ERMIT APPROVAL TE OF OCCUPANCY
MIS4/ LICOSIOIV & SEDIMENT C.			
TYPE OF SUBMITTAL:	TO A TION!		RY PLAT APPROVAL
ENGINEER/ ARCHITECT CERTIF	TCATION		FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN			FOR BLDG. PERMIT APPROVAL
X GRADING PLAN		FINAL PLAT	SE OF FINANCIAL GUARANTEE
DRAINAGE MASTER PLAN			ON PERMIT APPROVAL
DRAINAGE REPORT			ERMIT APPROVAL
CLOMR/LOMR		SO-19 APPR	OVAL 910
	TOT (TOT)		RMIT APPROVALED TO THE TOTAL OF THE PROPERTY O
TRAFFIC CIRCULATION LAYOU TRAFFIC IMPACT STUDY (TIS)	JI (ICL)		AD CHRITEFICATION
EROSION & SEDIMENT CONTRO	OL PLAN (ESC)	WORK ORDE CLOMR/LON	
		CLOMIN/LON	
OTHER (SPECIFY)		PRE-DESIGN	MEETING ODMENT SECTION
		OTHER (SPI	MEETING DEVELOPMENT SECTION
IS THIS A RESUBMITTAL?: Yes	X No		
DATE SUBMITTED: 1/15/16	By:		

ELECTRONIC SUBMITTAL RECEIVED .____

COA STAFF.



January 19, 2016

David Soule, P.E.
Rio Grande Engineering
PO Box 93924
Albuquerque, New Mexico 87199

RE: Suazo Residence Lot 8 Block 10 Unit 22 Volcano Cliffs 6511 Petirrojo NW
Grading and Drainage Plan
Engineers Stamp Date 1/15/16 (D10D0003P8)

Dear Mr. Soule,

Based upon the information provided in your submittal received 1/18/15, this plan cannot be approved for Grading Permit and Building Permit until the following comments are addressed.

PO Box 1293

• Provide turn blocks in the east and west rear yard walls to allow flows to pass through and into the double sidewalk culvert in Picardia Place.

Albuquerque

ADDED NOTE TO TURN BLOCK

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

New Mexico 87103

www.cabq.gov

Abiel Carrillo, P.E.

Sincerely

Principal Engineer, Hydrology

Planning Department

Rael, Rudy E.

From:

Rael, Rudy E.

Sent:

Tuesday, June 07, 2016 2:26 PM

To:

'David Soule (david@riograndeengineering.com)'

Subject:

Suazo Residence

Mr. Soule;

This email is being sent in lieu of an attached comment letter in order to expedite our response to previous comments. Response to comments should continue to be included in the resubmittal. A reply to these comments via email will not be considered a resubmittal.

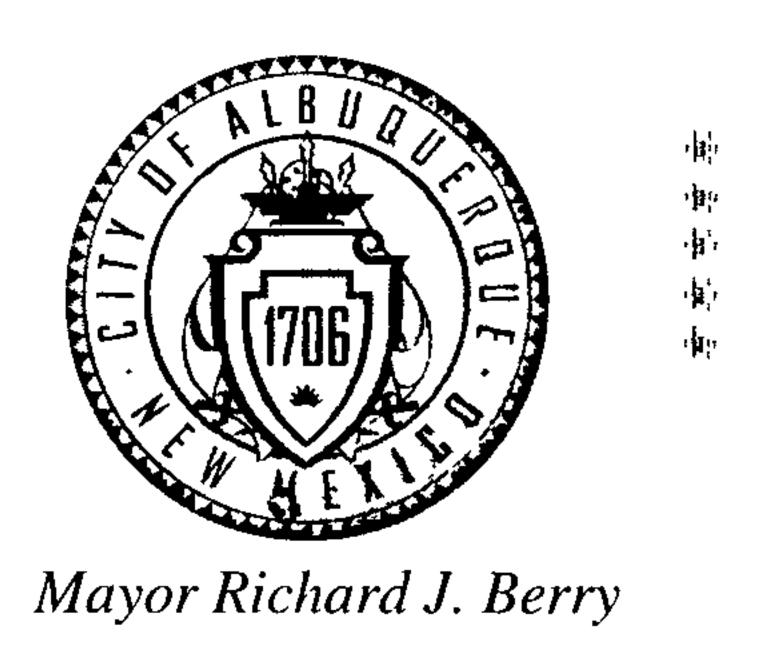
Based upon the information provided in your resubmittal received 5/31/16, the above referenced Grading and Drainage Report and plan cannot be approved for Preliminary Plat, Grading Permit or Building Permit until the following comments are addressed:

- Provide the location of the driveway.
- Provide a description for the blocked area in the rear yard.
- Move the curb cut to where the sidewalk culvert was located.
- Provide a note stating openings in a block (if one is to be built) need to be made in the rear yard in the east and west property lines for drainage from westerly properties.

Rudy E. Rael, CE, CFM

Engineer Associate, Hydrology Planning Department 600 2nd St. NW Suite 201 Albuquerque NM 87102 (505) 924-3977

Planning Department
Suzanne Lubar, Director



June 15, 2016

David Soule, P.E.
Rio Grande Engineering
PO Box 93924
Albuquerque, New Mexico 87199

RE: Lot 8, Block 10 Volcano Cliffs Unit 22
6511 Petirrojo Rd NW 6530 PICARDIA
Grading and Drainage Plan
Engineer's Stamp Date 6-10-16 (D10D003P8)

Dear Mr. Soule,

PO Box 1293

Based upon the information provided in your submittal received 6/13/16, this plan is approved for Grading Permit and Building Permit.

Albuquerque

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology. A separate permit for the wall is required. Attach this approved plan to the wall permit set.

New Mexico 87103

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

www.cabq.gov

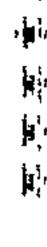
If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

Sincerely

Abiel Carrillo, P.E.

Principal Engineer, Hydrology

Planning Department





Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

DRB#.	EPC#.	Work Order#:	
egal Description: Not Biblock 10	volcano cliffs UNIT 22		
City Address: 6511 PETIRROJO)(A	
Engineering Firm: RIO GRANE	DE ENGINEERING	Contact: DAVID SOULE	
Address: PO BOX 93924, ALBUC	QUERQUE, NM 87199		
Phone#: 505.321.9099	Fax#: 505.872.0999	E-mail: DAVID@RIOGRANDEENGINEE	ERING.CO
)wner: DEANNA SUAZO		Contact:	
Address: 6511 PETIRROJO NW	87120		
Phone#:	Fax#	E-mail:	
Architect: none		Contact:	
Address:			
Phone#:	Fax#:	E-mail:	
Other Contact:		Contact:	
Address:	,	Comaci	<u></u>
Phone#	Fax#:	E-mail:	
MS4/ EROSION & SEDIM YPE OF SUBMITTAL: ENGINEER/ ARCHITECT CONCEPTUAL G & D PL	CERTIFICATION	CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL FINAL PLAT APPROVAL	
K GRADING PLAN		SIA/RELEASHORFINANGIAL GUARANTEE	$\ \ $
DRAINAGE MASTER PLA	A.N	FOUNDATION PERMIT APPROVAL 2016	/(U _/
DRAINAGE REPORT		GRADING PERMIT APPROVAL	1001
CLOMR/LOMR		SO-19 APPROVALPAVING PERMIT APPROVALELOPMENT SECT GRADING/ PAD CHANPICATION WORK ORDER APPROVAL	1014
TRAFFIC CIRCULATION	LAYOUT (TCL)	CRADING PERMITTAPPROVAGE OF THE	
TRAFFIC IMPACT STUDY	Y (TIS)	WORK ORDER APPROVAL	
EROSION & SEDIMENT (CLOMR/LOMR	
OTHER (SPECIFY)	<u></u>	PRE-DESIGN MEETING OTHER (SPECIFY)	
			
IS THIS A RESUBMITTAL?: _×_	Yes No		



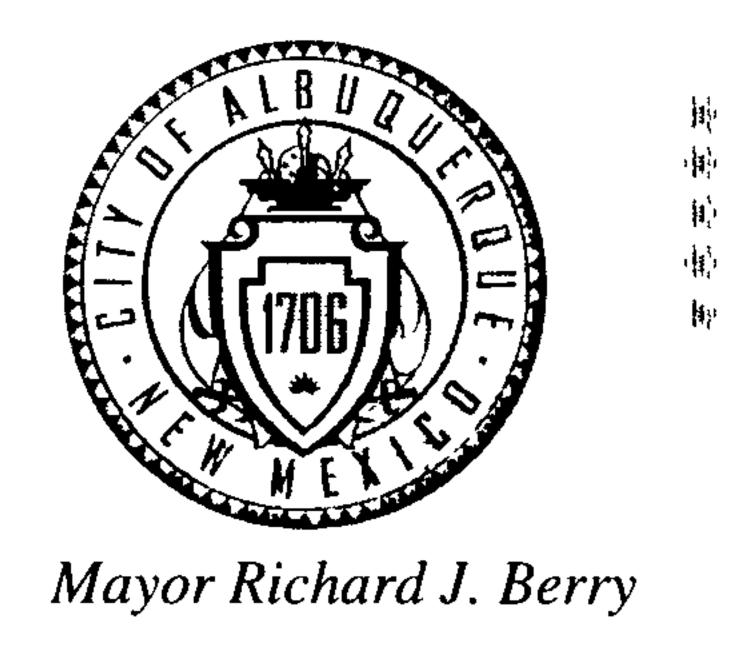
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: SUAZO RESIDENCE	uilding Permit #. City Drainage #: D10D0003P8
DRB#: EPC#:	Work Order#:
Legal Description: lot 8 block 10 volcano diffs UNIT 22	
City Address: « 6511 PETIRROJO NW (5330 PICARDIA)	
Engineering Firm: RIO GRANDE ENGINEERING	Contact: DAVID SOULE
Address: PO BOX 93924, ALBUQUERQUE, NM 87199	
Phone#: 505.321.9099 Fax# 505.872.0999	E-mail: DAVID@RIOGRANDEENGINEERING.COM
)wner: DEANNA SUAZO	Contact:
Address: 6511 PETIRROJO NW 87120	
hone#: Fax#:	E-mail:
rchitect: none	Contact:
Address:	Contact,
hone#:	E-mail:
Other Contact:	Contact:
Address: Thone#: Fax#:	E-maïl:
	ΉΕΟΚ ΤΌΡΕ ΜΕ ΑΡΡΟΜΟΝΙ ΙΛΟΟΓΡΟΤΑΝΟΓ SOUGUT:
DEPARTMENT:	CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL
DEPARTMENT: HYDROLOGY/ DRAINAGETRAFFIC/ TRANSPORTATIONMS4/ EROSION & SEDIMENT CONTROL YPE OF SUBMITTAL:ENGINEER/ ARCHITECT CERTIFICATION	BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL
DEPARTMENT:	BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL
DEPARTMENT:	BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL
DEPARTMENT:	BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL FINAL PLAT APPROVAL
DEPARTMENT: C HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT	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 GUARACTEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL
DEPARTMENT: C HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT	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 GUARALE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL
HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR	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 GUARATEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL PAVING PERMIT APPROVAL 22 2003C
DEPARTMENT: C HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL)	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 GUAR FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION
DEPARTMENT: C HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS)	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 GUARATTEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION WORK ORDER APPROVAL
DEPARTMENT: G HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTROL PLAN (ESC)	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 GUAR FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION
DEPARTMENT: C HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS)	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 GUAR FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL PAVING PERMIT APPROVAL GRADING/ PAD CENTIFICATION WORK ORDER APPROVAL CLOMR/LOMR PRE-DESIGN MEETING
DEPARTMENT: G HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTROL PLAN (ESC)	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 GUARATEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL GRADING/ PAD CENTIFICATION WORK ORDER APPROVAL CLOMR/LOMR

Planning Department
Suzanne Lubar, Director



January 19, 2016

David Soule, P.E.
Rio Grande Engineering
PO Box 93924
Albuquerque, New Mexico 87199

RE: Suazo Residence Lot 8 Block 10 Unit 22 Volcano Cliffs 6511 Petirrojo NW 6530 PICALDIA Grading and Drainage Plan Engineers Stamp Date 1/15/16 (D10D0003P8)

Dear Mr. Soule,

Based upon the information provided in your submittal received 1/18/15, this plan cannot be approved for Grading Permit and Building Permit until the following comments are addressed.

PO Box 1293

• Provide turn blocks in the east and west rear yard walls to allow flows to pass through and into the double sidewalk culvert in Picardia Place.

Albuquerque

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

New Mexico 87103

www.cabq.gov

Abiel Carrillo, P.E.

Sincerely

Principal Engineer, Hydrology

Planning Department

斯斯斯斯斯斯

		<u> </u>	-						<u></u>			100-Year, 6-hi	
Basin	Area	Area	Treat	ment A	Treati	ment B	Treat	ment C	Treatm	ent D	Weighted E	Volume	Flow
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs
UPLAND	83828.00	1.924	0%	0	10%	0.192	40%	0.76977	50%	0.962	1.448	0.232	6.80
NATIVE	15620.00	0.359	80%	0.28687	10%	0.036	10%	0.035859	0%	0.000	0.518	0.015	0.55
ALLOWED	15620.00	0.359	0%	0	10%	0.036	40%	0.143434	50%	0.179	1.448	0.043	1.27
PROPOSED	15620.00	0.359	0%	0	24%	0.086	42%	0.150606	34%	0.122	1.246	0.037	1.14
INCREASE												0.022	
total													

Equations:

Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area)

Volume = Weighted D * Total Area

Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad

Where for 100-year, 6-hour storm-zone 1

Ea= 0.44 Qa= 1.29Eb= 0.67 Qb= 2.03Ec= 0.99 Qc= 2.87Ed= 1.97 Qd= 4.37

ONSITE Conditions

FIRST FLUSH WATER QUALITY VOLUME

REQUIRED PROVIDED

(CF) (CF)

WATER QUALITY 150 283

Narrative

This site is within the SAD 228 Master Drainage plan boundaries. The site is to drain to the the adjacent street per the master drainage plan. We are ponding the water harvest volume generated by the site we are allowing the minor upland flow to pass thru the site. This plan has a shallow water harvest pond per the drainage regulation. This plan is in conformance to the masterplan



Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: SUAZO RESIDENCE	Building Permit #:	City Dramage #: D10D0003P8
DRB#:		Work Order#:
Legal Description: lot 8 block 10 volcano cliffs UNIT 22		
City Address: 6511 PETIRROJO NW		
Engineering Firm: RIO GRANDE ENGINEERING		Contact: DAVID SOULE
Address: PO BOX 93924, ALBUQUERQUE, NM 87199		
Phone#: 505.321.9099 Fax#: 505.872.0999	·····	E-mail: DAVID@RIOGRANDEENGINEERING.COM
Owner: DEANNA SUAZO		Contact:
Address: 6511 PETIRROJO NW 87120	· <u></u>	
Phone#: Fax#:		E-mail:
Architect: none		Contact:
Address:		
Phone#: Fax#:		E-mail:
Other Contact:		Contact:
Address:		
Phone#: Fax#:		E-mail:
* HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUTANTO DEVELOPMENT SECTION TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTROL PLAN (ESC)	PRELIMINAR SITE PLAN F SITE PLAN F FINAL PLAT SIA/ RELEAS FOUNDATIO GRADING PRO SO-19 APPRO PAVING PER GRADING/ PA WORK ORDER	RY PLAT APPROVAL FOR SUB'D APPROVAL FOR BLDG. PERMIT APPROVAL SE OF FINANCIAL GUARANTEE IN PERMIT APPROVAL ERMIT APPROVAL ERMIT APPROVAL OVAL EMIT APPROVAL AD CERTIFICATION R APPROVAL
OTHER (SPECIFY)	CLOMR/LOM PRE-DESIGN N OTHER (SPE	
IS THIS A RESUBMITTAL?: X Yes No		
DATE SUBMITTED: 5/30/16 By:		

COA STAFF ELECTRONIC SUBMITTAL RECEIVED. ____

Rael, Rudy E.

From: Rael, Rudy E.

Sent: Thursday, September 08, 2016 12:15 PM

To: 'deesuazo@yahoo.com'

Cc: Carrillo, Abiel X.; Biazar, Shahab

Subject: 6511 Petirrojo now addressed as 6530 Picardia

Ms. Suazo, I have gone over the as-built plan provided by Mike Shook and found that the ponds are deeper than what was shown on the plan. I also noticed that the flows from the neighbors are being directed to your front yard instead of exiting the rear yard through the sidewalk culvert. I also noticed that the volume of the ponds (1425 CF) is quite larger than the required 150cf. My suggestion to you, is that the flows coming from the rear yards of the properties to your east (which is a requirement of SAD 228) are directed to the sidewalk side walk culvert at the NW corner of your property. This would decrease the size of the ponds around your home and make your yard more pleasing and functional. I asked Ms. McDowell to provide this on her plan but she stated that she was done with this project and would not continue working on this site. She stated that she was trying to help you and the contractor and was leaving town and would not address my concerns. So at this time the City of Albuquerque planning department, Hydrology section, cannot accept the plan as is and cannot give a CO for this site. I would also suggest that a different PE is used or follow David Soule's approved grading and drainage plan dated 6/10/16. If you have any further questions please feel free to contact me via email or telephone. Respectfully;

Rudy E. Rael, CE, CFM

Engineer Associate, Hydrology Planning Department 600 2nd St. NW Suite 201 Albuquerque NM 87102 (505) 924-3977 8/2/16 Verbal Approva Over Counter
City of Albuquerque
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

DRB#.	EPC#:	Building Permit #	City Drainage #: DDDOO Work Order#:
egal Description: lot 4 block			- WOIK Order#:
City Address: 6308 PAPAGAY			
Engineering Firm: RIO GRA	ANDE ENGINEERING	· · · · · · · · · · · · · · · · · · ·	Contact: DAVID SOULE
	BUQUERQUE, NM 87199		- Contact. DAVID COOLE
			E mail. DAVID@BIOGRANDEENGINEERING COI
Phone#: 505.321.9099	Fax#, 505.872.0999		E-mail: DAVID@RIOGRANDEENGINEERING COL
Owner: VALERO			Contact:
Address: 6308 PAPAGAYO N	I W 87120		
hone#	Fax#:		E-mail:
Architect: none			Contact:
Address:			
Phone#:	Fax#:	· · · · · · · · · · · · · · · · · · ·	E-mail:
Other Contact:			Contact:
Address:			
Phone#:	Fax#:		E-mail:
TRAFFIC/ TRANSPOR MS4/ EROSION & SED		CERTIFICAT	TE OF OCCUPANCY
FYPE OF SUBMITTAL: ENGINEER/ ARCHITEC	T CERTIFICATION		RY PLAT APPROVAL
ENGINEER ARCHIEC	JI CLINITUM	SITE PLAN	
			FOR SUB'D APPROVAL
CONCEPTUAL G & D	PLAN		FOR BLDG. PERMIT APPROVAL
CONCEPTUAL G & D I	PLAN	FINAL PLAT	FOR BLDG. PERMIT APPROVAL APPROVAL
GRADING PLAN		FINAL PLAT SIA/ RELEA	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE
•		FINAL PLAT SIA/ RELEA FOUNDATIO	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL
GRADING PLAN DRAINAGE MASTER F		FINAL PLAT SIA/ RELEA FOUNDATIO GRADING P	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL ERMIT APPROVAL
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT		FINAL PLAT SIA/ RELEA FOUNDATIO GRADING P SO-19 APPR	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL OVAL RMIT APPROVAL OVAL
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT	PLAN	FINAL PLAT SIA/ RELEA FOUNDATIO GRADING P SO-19 APPR	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL OVAL RMIT APPROVAL ON THE COLUMN TERMIT APPROVAL OVAL
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATIO	PLAN ON :LAYOUT (TCL)	FINAL PLAT SIA/ RELEA FOUNDATIO GRADING P SO-19 APPR PAVING PER GRADING/ P	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL ERMIT APPROVAL OVAL ADDROVAL ON APPROVAL ON APP
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATIO TRAFFIC IMPACT STU	PLAN ON LAYOUT (TCL) JDY (TIS)	FINAL PLAT SIA/ RELEA FOUNDATIO GRADING P SO-19 APPR PAVING PER GRADING/ P	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL ERMIT APPROVAL OVAL RMIT APPROVAL ALG 1 2 2016
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT CLOMR/LOMR	PLAN ON LAYOUT (TCL) JDY (TIS) TT CONTROL PLAN (ESC)	FINAL PLATSIA/ RELEAFOUNDATIOGRADING PSO-19 APPRPAVING PERGRADING/ PWORK ORDECLOMR/LON	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL CERMIT APPROVAL COVAL CRAPPROVAL AUG 1 2 2015
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATIO TRAFFIC IMPACT STU EROSION & SEDIMENT	PLAN ON LAYOUT (TCL) JDY (TIS) TT CONTROL PLAN (ESC)	FINAL PLATSIA/ RELEATFOUNDATIOGRADING PSO-19 APPRPAVING PERGRADING/ PWORK ORDECLOMR/LONPRE-DESIGN	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL ERMIT APPROVAL OVAL RMIT APPROVAL ALG 1 2 2015 MEETING LAND DEVELOPMENT SECTION
GRADING PLAN DRAINAGE MASTER F DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATIO TRAFFIC IMPACT STU EROSION & SEDIMENT	PLAN ON LAYOUT (TCL) JDY (TIS) TT CONTROL PLAN (ESC)	FINAL PLATSIA/ RELEAFOUNDATIOGRADING PSO-19 APPRPAVING PERGRADING/ PWORK ORDECLOMR/LON	FOR BLDG. PERMIT APPROVAL APPROVAL SE OF FINANCIAL GUARANTEE ON PERMIT APPROVAL ERMIT APPROVAL AD CERTIFICATION AUG 1 2 2015 MEETING LAND DEVELOPMENT SECTION