

Cherne, Curtis

From: Cherne, Curtis
Sent: Wednesday, July 24, 2013 1:44 PM
To: 'jwillis@amafca.org'
Cc: Costales, Richard V.; Wolfe, Bryan K.
Subject: gunnison hill/pond

Jeff,

The temporary pond near the intersection of Gunnison and Ladera is not required for flood control. The pond was built as a temporary measure until the Parkway storm drain was constructed. When the Parkway storm drain was built, it appears the pond was left alone as it was outside of the scope of work and on private property.

I have spoken to Pat Conley P.E., engineer of record for the Parkway Storm Drain and he confirms that the pond is no longer required.

I would like a slight depression graded when the pond is filled in/hill removed to prevent sediment from entering Ladera Blvd. I did some rough calculations that showed if the entire area (26,000) sq. ft was depressed 0.33 feet, it would contain the 6-hour storm. A deeper 'belly' could be graded in the center if you wish to be meet adjacent grade on the edges.

It would be beneficial to cap the storm drain that extends into the pond. This should prevent settling and prevent sediment entering the Parkway Storm Drain.

If you have any questions, please feel free to contact me.

Curtis

7/24/2013

9-11-73

Conversation w/ Pat Conley, Smith Engineering
Engineer of Record for Parkway Storm Drain (PSD)

1. Pat designed the PSD to accept all flows in the Ladera system.
2. Pat had a brief discussion w/ Kurt Wagener concerning abandoning the existing pipe. The scope remained South of Ladera Blvd.
3. Pat mentioned a concrete run down at the end of the cul-de-sac that conveyed flows from the street.

per site visit, there is no run down and
I have viewed the as-built and determined
there is storm drain from the inlets at the
end of the cul-de-sac to the trunk in
Ladera.

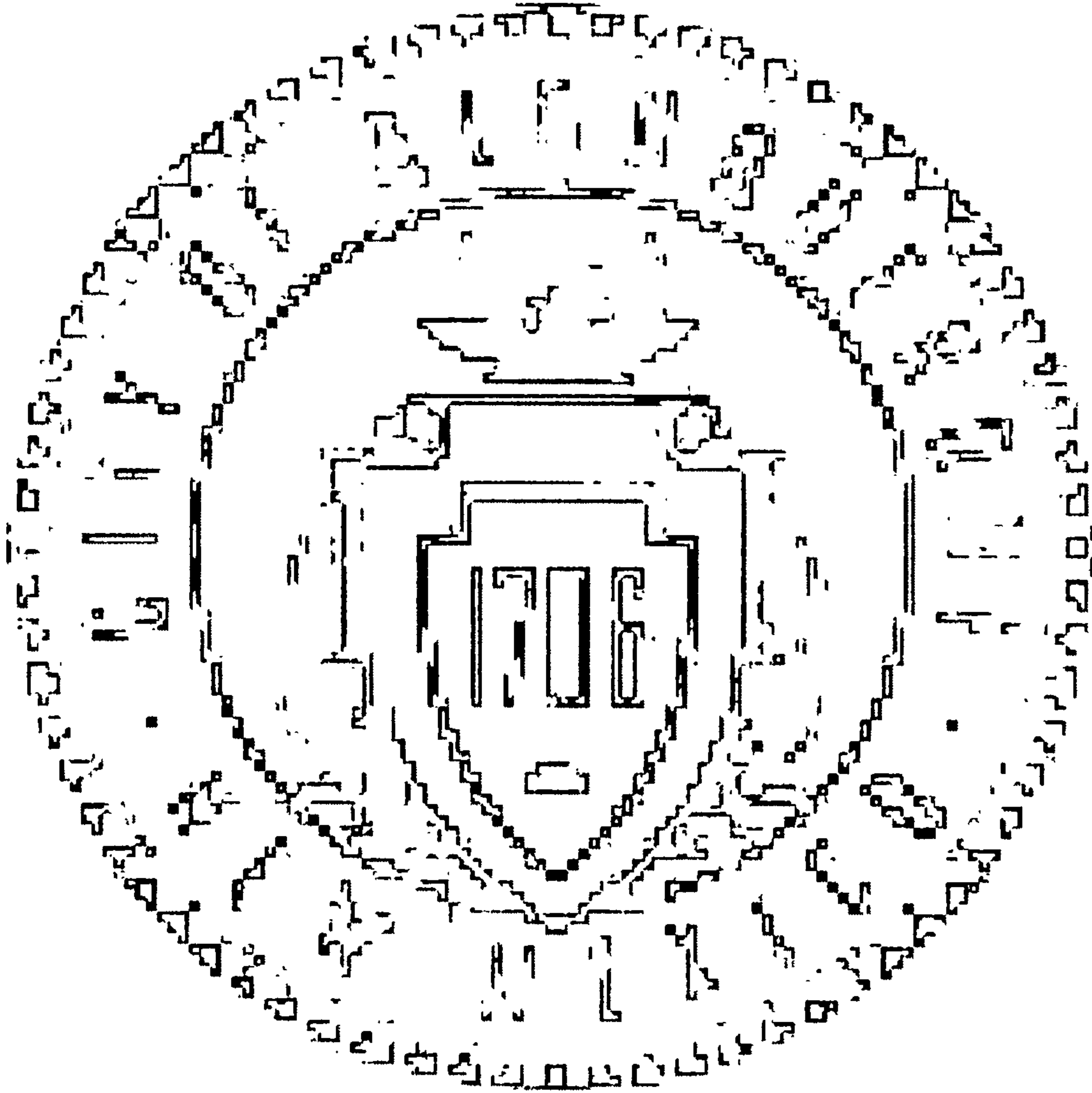
cc

Hydrology can approve a plan that shows grading in the NMDOT ROW but is not approving grading in the NMDOT ROW.

Label the AMAFCA Vineyard Channel.

An approved drainage report is required.

Beginning March 1st, 2013, an Erosion and Sediment Control Permit is required for construction sites that meet the EPA threshold.



SIGNED:

DATE: 2-13-13.

Curtis Cherne
Hydrology Section
City Engineer Designee
AMAFCA Designee

basin 1 63685 Land treated A

H09 D024

$$\frac{63685 \text{ ft}^2}{43560 \text{ ft}^2} \approx 1.5 \text{ ac}$$

excess precip

$$\frac{1.5 \text{ ac} \times 0.44 \text{ in}}{12 \text{ in}} = \text{ft excess}$$

$$\frac{63685 \text{ ft}^2 \times 0.44 \text{ in}}{12 \text{ in}} = 2335 \text{ ft}^3 \text{ excess}$$

basin 2 Land treated C after grading

$$\frac{74594 \text{ ft}^2 \times 0.99 \text{ in}}{12 \text{ in}} = 6154 \text{ ft}^3$$

$$\text{total excess} = 8489 \text{ ft}^3$$

for the 6 hr storm

Let's flows in excess at the 6 hr storm
drain into Lake

$$26000 \text{ ft}^2 \times \text{depth} = 8489 \text{ ft}^3$$

$$\text{depth} = \frac{8489 \text{ ft}^3}{26000 \text{ ft}^2} = 0.33 \text{ ft}$$

Why are you proposing a hinge line west of the building? Is it due to the proposed finished floor elevation being too high?

Please add to Keyed Note 7 "...to be built and maintained until this area of the site develops.

The berm along the southern edge of the site is to be extended east to the edge of the "gravel parking area" as a minimum.

Why a 3' tall berm? This will produce a large slope that will drain to the PNM site? A swale/berm combination should be considered. Berm may require stabilization to prevent erosion.

Label 1 foot existing and proposed contours. It is difficult to see how grades tie.

Hydrology can approve a plan that shows grading in the NMDOT ROW but is not approving grading in the NMDOT ROW.

An approved drainage report is required.

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flow

basin 1

$$\frac{1.5 \text{ ac} \mid 1.29 \text{ cfs}}{\text{ac}} = 2 \text{ cfs}$$

basin 2

$$\frac{74594 \text{ ft}^2 \mid 4.24 \text{ ac}}{43560 \text{ ft}^2} = 1.7 \text{ ac} \mid \frac{207 \text{ cfs}}{\text{ac}} = 5 \text{ cfs}$$

$$\text{total flow} = 2 + 5 = 7 \text{ cfs}$$

**CITY OF ALBUQUERQUE
PLANNING DEPARTMENT**

**HYDROLOGY DEVELOPMENT SECTION
DEVELOPMENT REVIEW BOARD MEMO**

DRB PROJECT NO: 1008519

AGENDA ITEM NO: 6

SUBJECT:

Site Plan for Building Permit

ENGINEERING COMMENTS:

The plan proposes improvements and grading in Tract A1A. Written approval is required from the property owner.

Include a keyed note for pavement.

Seems this site should drain to the southwest corner, where runoff enters a rip-rap lined swale to the inlet. Therefore keyed Note 5 should be an asphalt curb not edge of pavement.

Why are you proposing a berm along the frontage road since it is not required for screening? A depressed landscape area could function as a water harvesting area/LID.

Since this is a restaurant, the dumpster is to drain through a grease trap to the SAS. This line is not shown on the conceptual utility plan.

Label the AMAFCA Vineyard Channel.

Initial comments on the conceptual grading plan that will be included in a letter to the engineer.

The site historically drains from the northeast to the southwest. The outfall is in the southwest corner. The reason for the water harvesting area, keyed note 4, is for sediment to drop out. Draining the north half of the site into dirt will increase erosion and sediment transport.

Cherne, Curtis

From: Cherne, Curtis
Sent: Friday, May 10, 2013 4:50 PM
To: Conrad, Matthew A.
Cc: Wolfe, Bryan K.
Subject: gunnison and ladera

Matt,

I met with Mike Tran and Moby Merza this afternoon concerning the pond/hill at Gunnison and Ladera. They agreed to the idea of doing the work per an engineered grading and drainage plan.

We decided that written approval (e-mail OK) to grade on the private property should be obtained prior to engaging an engineering firm for the grading and drainage plan.

1. The large area where the pond is located is owned by Western Alb. Land Holdings, LLC/Jeff Garret.
2. A small parcel at the end of the cul-de-sac is owned by Westland Development Co Inc.
3. Another parcel is owned by Tierra Oeste HOA in C/O Westland Development Company.

Another twist in this process is that DMD has been trying to acquire ROW for about a year.

I am guessing that someone knows Jeff Garret better than me as I do not know him.

Same goes for Westland.

Thomas Borst, neighborhood association person could probably speak for the HOA for us.

So I guess what I am asking for is a volunteer(s) to contact Jeff Garret and Westland. I can contact Thomas Borst.

After written approval is given for grading, DMD will engage an engineer to prepare and submit the grading and drainage plan.

Have a good weekend.

Curtis

5/10/2013

Matt,

I proposed a couple of meeting times with Melissa last Friday for this week. I haven't heard from her so I left her a voice message.

If I don't hear from her soon, I would like to contact Elaine Romero, Council staff for Ken Sanchez, to talk her into funding a grading and drainage plan for the work. Cost estimate for G & D \$3k to \$5k.

I would like a shallow pond as to keep sediment out of the street and storm drains. I've run some calcs on the runoff and volume produced. Looks like we could fit pond in that is less than 6" deep. This means AMAFCA will most likely have to haul off some dirt. Jeff Willis at AMAFCA says that AMAFCA could haul off some dirt. We will also need to cap the pipe.

Curtis

From: Lozoya, Melissa
Sent: Friday, April 05, 2013 2:14 PM
To: Cherne, Curtis; Daggett, Kevin
Subject: Re: gunnison pl shared project with AMAFCA

Curtis

We do have a proposed roadway project in this area but there has been discussion of who owns the land and who we need to coordinate with.

I think we should meet to discuss the details of the project further and the filling in of the pond.

Sent from my Verizon Wireless 4G LTE DROID

"Cherne, Curtis" <CCherne@cabq.gov> wrote:

Melissa,

There is an old temporary drainage pond off of Ladera Blvd near the Parkway Subdivision. A neighborhood Rep wants the pond filled in.

The reason for this e-mail is I heard that the City has a street project to complete Gunnison PI in the vicinity of this pond. AMAFCA is volunteering to fill in the pond.

It appears that Councilor Sanchez has set-aside money for some work at this location. Coordination between AMAFCA and the City may make it more cost effective for both.

Filling in the pond will be per an approved grading and drainage plan which may help development of the road.

It would be great if you could provide any information relative to this condition.

Curtis

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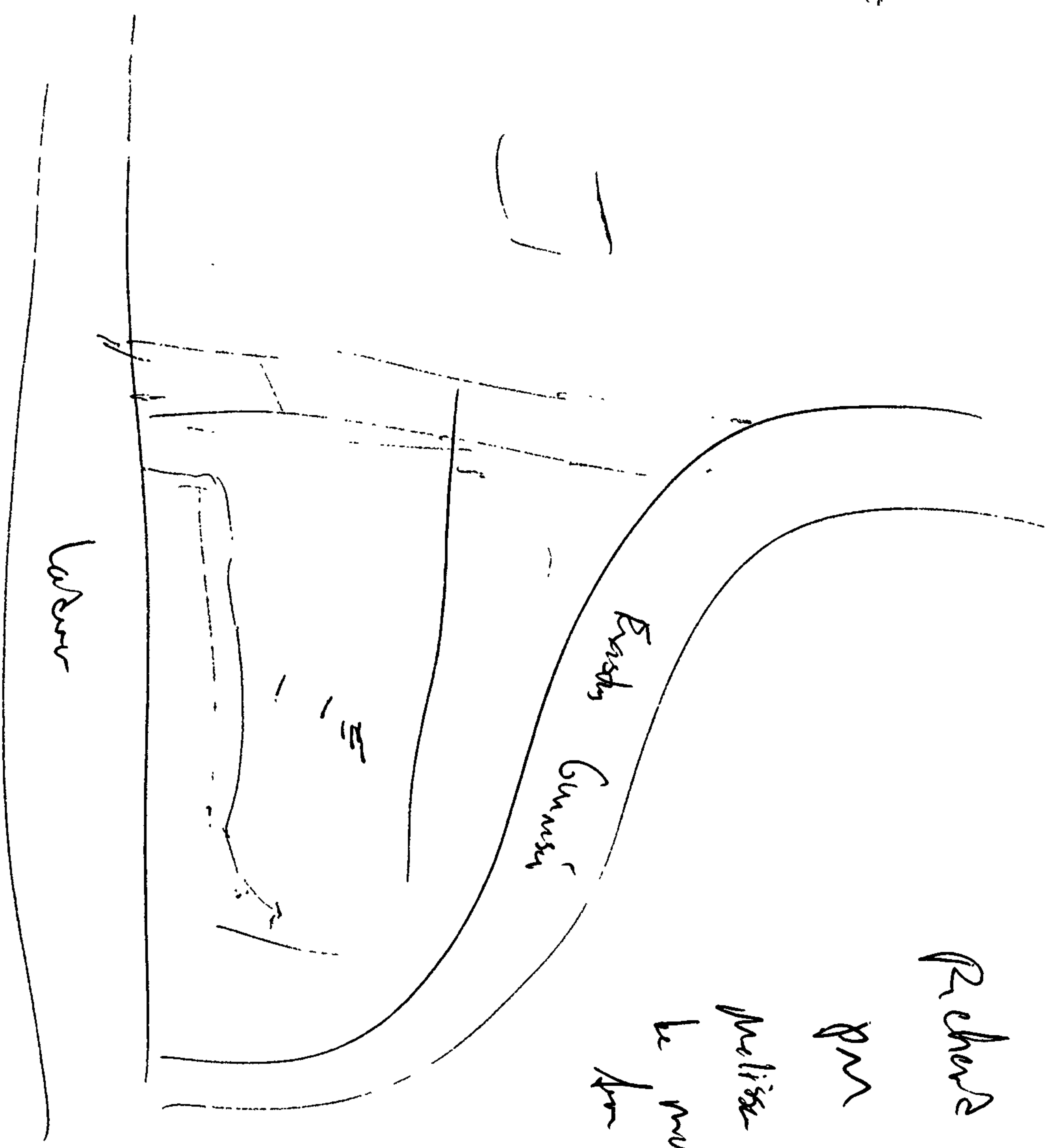
Curtis

4/5/2013

4-25-17

Richard Cosentino

pm for Gunner PA
police mention that there may
be money in the Gunner project
for the 9 & 2. Council Sirens
MR is paying for the road



- 1) Ask Tiff Gunner to give us his project
- 2) and



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
March 28, 2013**

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22. Adjourn

There being no further business to come before the Board, Chairman Eichenberg adjourned the meeting at 1:38 p.m. This was greeted with applause from the audience.

Bruce M. Thomson, Secretary-Treasurer, 4/25/13

Recorded by Pamela Woodruff, Executive Administrative Assistant

691592

part Conley ^{Smith}
FAS

to pipe ~ full w/ sediment, some rocks
are $\frac{3}{4}$ " plus which is too big for airborne

Ken Sanchez is knowledgeable in this situation

Elaine Rumer - Ken Sanchez staff person

~~Tommy~~ ^{Tommy} Borst - neighbor board president

met him onsite - he was very happy to see ~~another~~ ^{another} & the city ^{on site}

get a hold of PNM, wait

- temp construction easement for work from Wahl

Contact Melissa Lozoya concerning new
alignment of Garrison

Council has set-aside for money for the road

Richard Costales may be project manager

include road w/ paved improvement

TRES VOLCANES
NEIGHBORHOOD ASSOCIATION
THOMAS BORST
PRESIDENT

(505)352-6563
TOM2PAT@YAHOO.COM

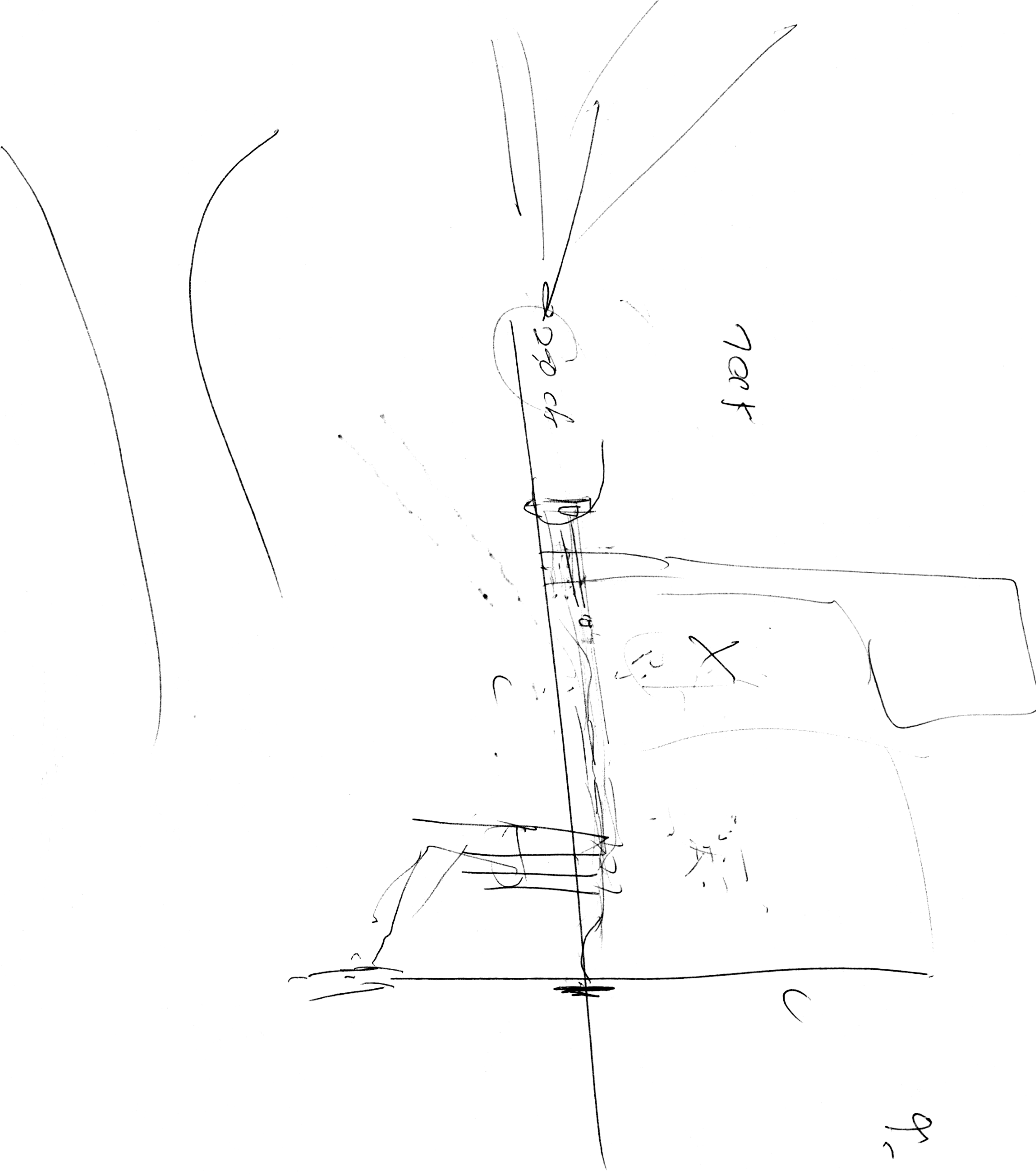


1 CASA VISTOSACT

2 CASA LINDACT

3 CASA DE LUZZCT

CASA AZULCT





[. westland Development Co INC.

2. Western Abay Land Holdings LLC / Jeff Garrett

3. Tierra Oeste Hot / C/O Westland Development Company



contributions basic
138,079 ft² ~ 3.26

basic 1 63685
basic 2 70504

