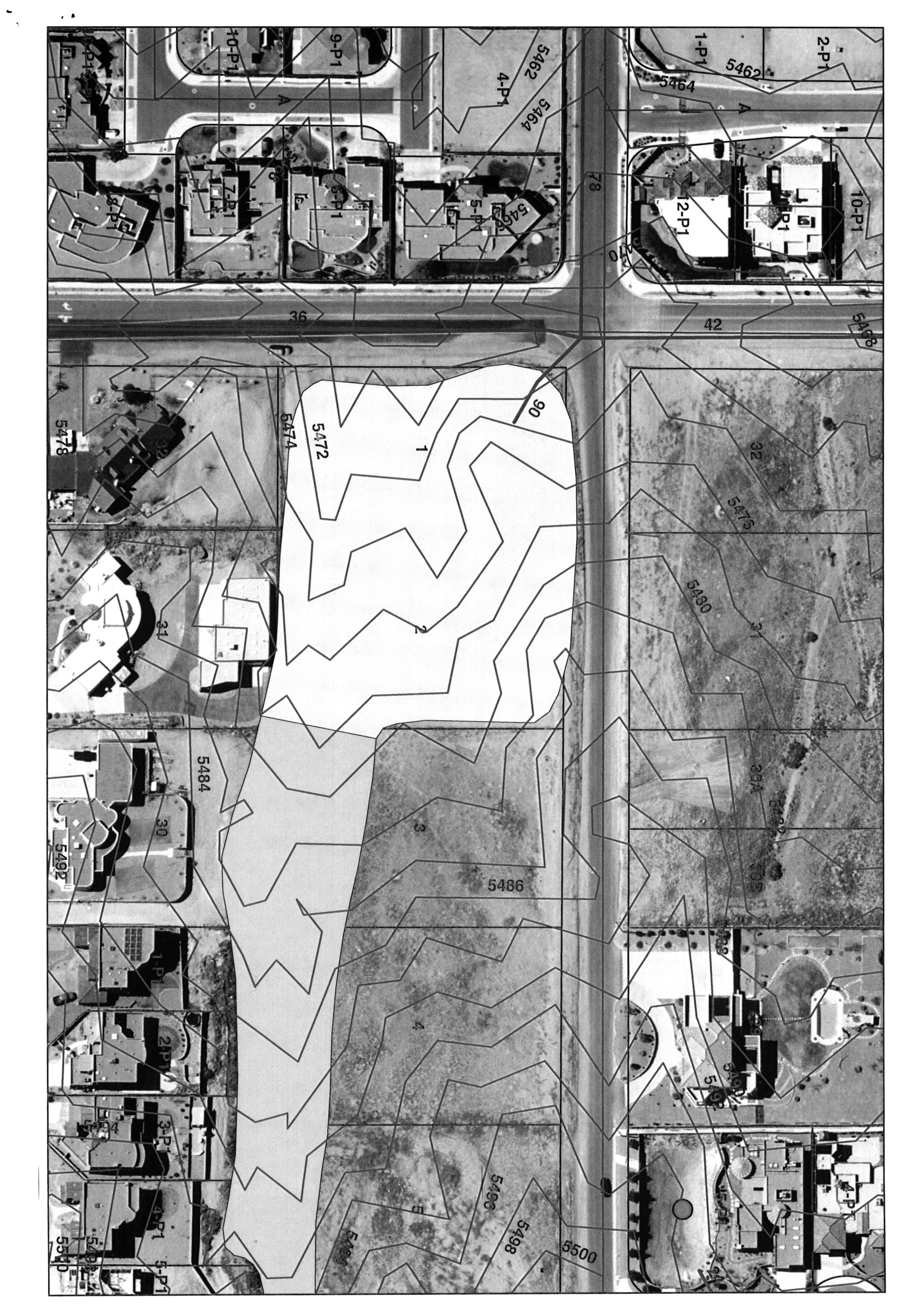
# CITY OF ALBUQUERQUE PLANNING DEPARTMENT

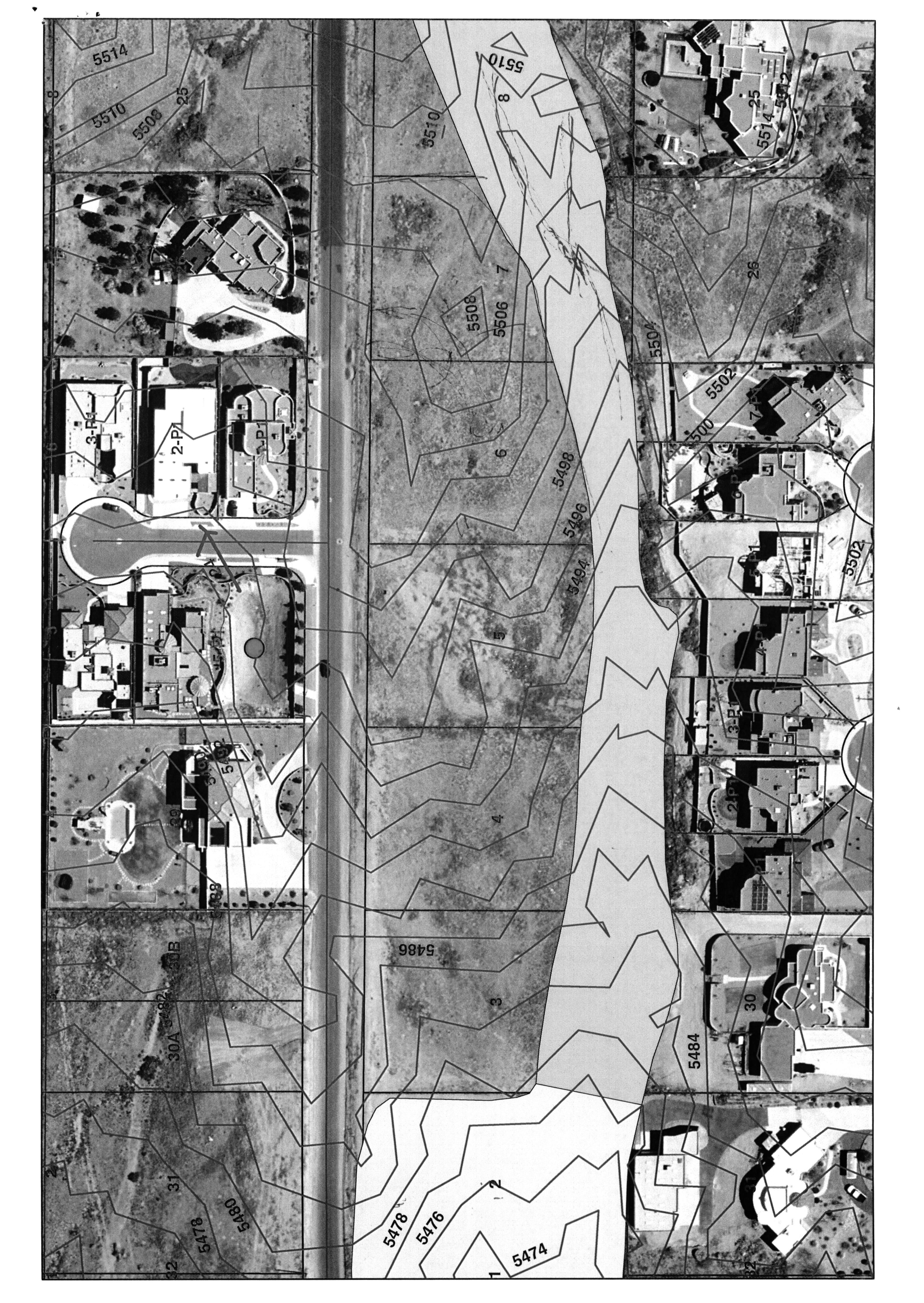
**Hydrology Section** 

Predesign Meeting Conference Notes DATE: 4-2-14

| ZONE ATLAS PAGE: B+9 ADDRESS:  |
|--|
| DRAINAGE FILE: 144-63200027  |
| PROJECT SCOPE: Subdivision on Lods 6 and 7 south of  |
| Clendale east of Borston   |
| ATTENDANCE: David Soule, Rita Harmon, Curtis Cheme   |
| FINDINGS:  |
| 1. Development will be out at Hoodplain with a   |
| Scow wall or outsite of preduct line   |
| Developed  |
| a leader will have to be Admaged   |
| is a pipe or asplacent curb to pand at Barston   |
| Financially guaranter or build & street section in   |
| Charlace and Storm drain pro- NAA DMP.   |
| The undersigned agrees that the above findings are summarized accurately and are subject to change if        |
| further investigation reveals that they are not reasonable or that they are based on inaccurate information. |
|  |
| SIGNED: Cut a Chu SIGNED: MM NAME (PRINT): Curtis A. Cherne NAME (PRINT): Davi),                             |
| NAME (PRINT): Curtis A. Cherne NAME (PRINT): Dav. / ,  |

NOTE: PLEASE INCLUDE A CCOPY OF THIS SHEET WITH YOIUR DRAINAGE SUBMITTAL





## Cherne, Curtis

From:

Cherne, Curtis

Sent:

Monday, June 30, 2014 10:02 AM

To:

'CCEAlbq@aol.com'

Subject:

RE: Glendale\_Barstow Block 17 (Southside) + FG

### Phil,

I was thinking about this one over the weekend.

I forget where you showed the southern line of the development, but it has to be out of the floodplain, this includes the scour wall.

- 1. There is not a trade-off for the FG for the 72" because you don't drain to it.
- 2. If the pond is to go away at the SE corner, how will developed flows from houses that drain to that location be accommodated?
- 3. I agree with the peak stuff.
- 4. I am not sure what pricing Stephen is using with FG's.
- 5. Jury still out on flow in the arroyo for designing calculating the scour wall.

#### Curtis

From: CCEAlbq@aol.com [mailto:CCEAlbq@aol.com]

**Sent:** Thursday, June 26, 2014 3:30 PM

**To:** Cherne, Curtis

Subject: Glendale\_Barstow Block 17 (Southside) + FG

### hello Curtis,

Thanks for the meeting yesterday. Spoke with owner of the pond located on lots 1/2 @ SE corner (above). The pond will go away when the large SD is extended. And it was not built in-lieu of the RTI programmed pond shown @ SE cor Ventura/Glendale.

13 of 16 lots, along the Southside of Glendale (Block 17) up to Ventura drain naturally to the Camino arroyo (in the spine of the west 1/2 of the block), before historically ever draining to Glendale. It will be interesting what the revised NAA study will recommend. I would think the currently programmed 72-inch (RTI Improvements '99) extended up Glendale shown on the study should not imply that those (at least on west 1/2 of the block) would not continue to drain to the natural watercourse in development. If those lots are allowed to free discharge to the rear in the interim (as somewhat of trade-off to being required to FG 1/2 the 72-inch) as discussed - I would present the analysis/logic that downstream capacity exists (in the interim condition), since the natural water course has capacity to the ponds + (plus) the important fact of the much smaller subbasin hydrograph/and associated small TC/TP as compared to the overall Camino Watershed. The free-discharged developed flows would be conveyed to the pond's 90-inch outlet and current existing connection long before the overall watershed peak.

Again, if developed free discharge for those southside lots is not acceptable, the outfalls (of each lot) could be controlled using the restricted-limited unit discharge of 2.8 cfs per acre as outlined in Zone 3 for NAA (per RTI Study).

I also spoke with the owner Lot 30-A/30-B (north across Glendale) engineered by my office - and B.B. did indeed require that only 1/2 of the 72-inch be FG'd. across its frontage. Which leads me to the question - when figuring Financial Guarantee, are you allowing the 2009 Engineer's Pricing or are you requiring consultants to use a 2014 factor for inflation??

thanks,

Phil

• • • •

ps: I also reconfirmed the published discharge figures for the Camino and according to 1999 RTI Flood Prone Maps, Ph 2, the Camino runs @ 673 cfs @ Ventura. The Leonard Rice, NE Heights Drainage Management Plan, 4/'75 did have it @ 3301 cfs. I have used the lesser figure with my Bernalillo County submittals for over 20 years. They've used the RTI numbers since 1999 - also more indicative for the 72-90 inch pipes being proposed in the developed subterranean/ storm drain system. (see below)

