

Biazar, Shahab

From: Biazar, Shahab
Sent: Saturday, December 12, 2015 4:43 PM
To: Yolanda Padilla Moyer; Kevin G. Patton (kevin.patton@pultegroup.com)
Cc: Abiel X. Carrillo (acarrillo@cabq.gov); Elliott, Stanice (staniceelliott@cabq.gov); Harmon Rita T. (rharmon@cabq.gov)
Subject: Pulte @ Mirehaven Grading and Drainage Plan (H09D017E)

The following are my comments based on my review of the latest grading and drainage submittal for Pulte @ Mirehaven Phase 2 (overall and the phasing grading plan):

- Please provide drainage easement and maintenance responsibility over Tract N-2-E-3.
- Fix the grades around Lot 20.
- Additional runoff (6 cfs) will drain down Abo Canyon to exiting storm drain system. How this will impact the street flow capacity and the storm drain infrastructure?
- Provide drainage capacity calculations for the proposed swales shown on Sections A-A and B-B.
- Will the 20 cfs north of lot 86 drain to a first flush pond? How the downstream storm drain system will be impacted? Please provide first flush ponding calculations.
- Please provide first flush ponding solution/details/calculations for front part of the pads.
- Maintenance and covenant must be provided for all the storm structures maintained privately.
- An Erosion and Sediment Control Plan must be submitted and approved prior to grading of the site.

Thanks

Shahab Biazar, P.E.

City Engineer

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