



February 14, 2014

Mark Goodwin, P.E.  
**Mark Goodwin and Associates**  
P.O. Box 90606  
Albuquerque, NM 87199

**Re: Sawmill Crossing Unit 1, Grading Certification**  
**Engineer's Stamp dated: 11-8-13, (H13D057)**  
**Certification dated: 1-31-14**

Dear Ms. Goodwin,

Based upon the information provided in the Certification received 1-31-14, the above referenced certification is not acceptable for Final Plat or Building Permit approval for the following reasons:

1. The location of the Comcast box on Lots 14/15 will not allow the construction of the channel. Hydrology recommends relocating the Comcast box.
2. The 5 foot square landscape areas are completely wall-in. It is not clear that the home builder will be able to construct the channels per the approved plan. The block(s) should be removed at the approved invert and this grade surveyed and certified.
3. Grading in the area of the rear and side yard channels is not complete. How will the builder be able to build the channels at the proper elevations?
4. The infrastructure list states that all perimeter walls will be constructed. There is a 10 foot section missing along the back of Lot 5.
5. The earth should be stabilized from the east end of the concrete channel to the top of the slope at the pipe entrance. In addition, the header curbs should be supported. Hydrology staff met with Ms. Hoelzer and recommended that the side slopes could be concrete and tied into the header wall and alley gutter. Ms. Hoelzer was to propose a solution.
6. Where the 12" pipe daylights in the pond there is an earthen slope approximately 4 feet high at a 1:1. Should a retaining wall be built?
7. East of the retaining wall on the south side of the pond there is an approximate 5 foot high slope at a 1:1. A retaining wall should be constructed to the point where the slope is at a 3:1 maximum.
8. If the side and rear yard channels are not to be constructed until Building Permit, add a note to the certification that states that the channels are "not built" and they are to be constructed with the Building Permit.
  - a. The rear and side yard channels are to be constructed with the first building in each pod (e.g Lot 5, 6 and 7).

PO Box 1293

Albuquerque

New Mexico 87103

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- b. A copy of this plan shall be included in the Building Permit set.
- c. This grading plan is to be certified for release of Certificate of Occupancy.
- d. A swale was graded in the proximity of the concrete channels. This should be added to the certification.

If you have any questions or would like to meet, you can contact me at 924-3986.

Sincerely,

Curtis A. Cherne, P.E.  
Principal Engineer, Hydrology  
Development and Building Services

PO Box 1293

Albuquerque

New Mexico 87103

C:

e-mail, B. Wolfe

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