

CITY OF ALBUQUERQUE



March 9, 2012

ASA M. Nilsson-Weber, P.E.
Isaacson & Arfman, P.A.
128 Monroe St NE
Albuquerque, NM 87108

**Re: Storm Cloud Subdivision, Units 4 & 5
Drainage Report
Engineer's Stamp Date 2/10/2012 (H9/D022)**

Dear Mrs. Nilsson-Weber,

Based upon the information provided in your submittal received 2/10/2012, the following comments have to be addressed prior to Preliminary Plat Approval:

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

- Show proposed Tierra Pintada Boulevard and grades on the plans.
- Show proposed 3-90" RCPs and grades on the plans.
- Provide updated HEC-RAS analysis for the Mirehaven starting east of the 3-90" RCPs. Include an exhibit showing the proposed floodplain limits east of the culverts and the proposed WSEL/EGL along the Mirehaven Channel.
- Remove Mirehaven Stationing from the grading plan and include them on a separate sheet with updated channel analysis.
- Since the streets are on a slope top back of the sidewalk on one side of the sidewalk culverts will be lower. Therefore, you may have to lower the invert of the sidewalk culverts to insure the 0.67' head is provided.
- Appendix E, Unit 4, Inlets 4 and 5 should say 5 & 6 to match the inlet numbers on the Basin Exhibit.
- Inlets 5, 6, & 7 under Unit 5, are designed to be in swamp condition. Please make sure that all three inlets are built with the same top of grate elevation and 0.67' head is provided. The runoff should not overflow to the east. The high point in the street is at 58.67' and grate elevation is at 58.04'.
- Provide adequate water block (+/- 1') at the proposed entrances from the Tierra Pintada Boulevard.
- Include the lot number for Unit 4.
- Show the existing 36" storm drain pipe on Summer Breeze Dr.
- Fix the text overlaps on the grading plans.
- Clearly show all the existing retaining walls, and label the retaining walls that will be removed.

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- If the retaining wall will not be certified with the certification of the grading plan, the following not should be added to the plans: "The side and rear lot retaining walls will be constructed by home builders.
- Proposed legends for curb and gutters does not match what the actual layout on the grading plans.

If you have any questions, you can contact me at 924-3695.

Sincerely,



Shahab Biazar, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: e-mail