

# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development & Building Services



July 21, 2008

David A. Aube, P.E.  
The Design Group  
202 Central Ave. SE, Suite 200  
Albuquerque, New Mexico 87102

RE: **APS – School on Wheels at Chaparral Elementary** (F10 – D 005 A)  
**Drainage Plan for Building Permit** (PE Stamped 6/12/08)

Dear Mr. Aube:

Based upon the information provided in your submittal received 6-17-08, the above referenced plan cannot be approved for Foundation Permit or Building Permit until the following comments are addressed:

- 1 ) **CD1:** The drainage analysis seems to overlook the fact that approximately 40% of Basin #1 drains into the west and south sides of Basin #2. Review and revise grading and pond calculations accordingly.
- 2 ) **CD1:** Show on the Site Drainage Plan the existing flow pattern along the eastern edge of Basin #1. Quantify that flow and indicate on the plan where it crosses into the east end of Basin #2, and how that flow is intercepted and conveyed through the pond and storm drain system at the School on Wheels site.
- 3 ) **CD1:** Label the existing Storm Drain along the eastern edge of Tract A, and indicate any inlets which may exist and divert site flows.
- 4 ) **CD1:** Show what grading will be done in the proposed decommissioning and relocation of the existing Portable site at south east corner of Tract A.
- 5 ) **CD.2:** Provide invert elevations on inlets, outlets, and manholes on the proposed storm drain lines, and at the existing 36" RCP storm drain stubout to the site.
- 6 ) **CD.2:** Show elevations on the existing contours that intersect the site perimeter.
- 7 ) **CD.2:** The proposed "5112" contour on the west and north sides of the site does not work with the other contours, nor with the swale defined by spot elevations on the northern side of the portables. Does the swale continue around the west side of the portables? Clarify this configuration in conjunction with handling of off-site flows.
- 8 ) **CD.2:** Show on this plan the proposed access road paving and grades on the eastern edge of Basin #2.

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Since a Storm Water Pollution Prevention Plan (SWPPP) is required for this site, a SWPPP is required to be submitted to US-EPA with copy to the City of Albuquerque, prior to the start of construction.

**[Remember: Effective July 1, 2008, new Grading and Drainage submittals to this office for Building Permit approval must include a copy of the SWPPP in MS Word or PDF format.]**

If you have any questions or would like to schedule a meeting to discuss these issues, you may contact me at 924-3981.

Sincerely,

Gregory R. Olson, P.E.  
Hydrology Section

PO Box 1293

Albuquerque

XC: Bradley Bingham, COA-PLN/Hydrology  
Drainage file F10 – D 005 A

NM 87103

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