

CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



May 27, 2014

Jean J. Bordenave, P.E.
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87109

Richard J. Berry, Mayor

**RE: Lovato Residence- Lot 10, Block A, Grande Heights Addition
Grading and Drainage Plan
Engineer's Stamp Date 5-5-2014 (File: G11D070)**

Dear Jean Bordenave:

Based upon the information provided in your submittal received 5-6-14, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

1. From contour map it appears that all flows from Ward Drive (and maybe from Grande Dr.) flow both through this property and the lot directly north. Where is said pond that contains flows from west half of Ward Drive? Does small pond in ROW have the capacity to contain runoff from Ward Drive which historically ran through this property? If not, will overflow run into water quality basin located at SW corner of lot? This additional flow is not accounted for in pond volume and peak discharge calculations.
2. Show property line extents. If retaining wall is on property line, then there appears to be some grading outside of property limits.
3. Show retaining wall elevations.
4. Total runoff for the 6 hr. storm is 2317 CF, and the total pond volume is 2311 CF – for both subsurface and surface ponding, which indicates the ponding capacity is already insufficient. Once the runoff from Ward Road is accounted for, will the ponding capacity be significantly insufficient?
5. The Runoff volume between the 6 hr. and the 24 hr storms is 2910 CF – 2317 CF = 593 CF. How will this additional volume be managed if the infiltration trenches are saturated from the 6 hr. storm? Include calculations proposed method.

PO Box 1293

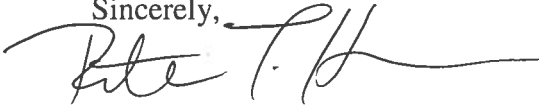
Albuquerque

New Mexico 87103

www.cabq.gov

A separate Excavation/Barricading Permit is required for construction within City ROW. A copy of this approval letter must be on hand when applying for the permit. To obtain a C.O., work in the City ROW must be inspected and accepted. Please contact Jason Rodriguez, 857-8074, to schedule an inspection.

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

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Orig: Drainage file

c.pdf: via Email: Recipient, Tim Sims, Monica Ortiz