

CITY OF ALBUQUERQUE



July 14, 2015

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

**Re: A.I.S. Retail
Grading and Drainage Plan (H13D106)
Engineer's Stamp Date, 7-9-15, 7-7-15 & 6-25-15 (Sheet C1, C2 & C3)**

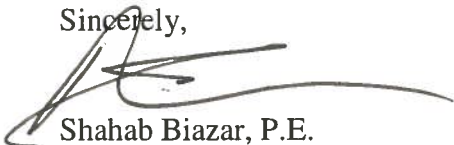
Dear Mr. Goodwin,

Based upon the information provided in your submittal received 6-26-15 and 7-9-15 the above referenced plan is approved for Site Plan For Building Permit. The following comments must be addressed prior to grading and building permit approval:

- Show roof flow directions. Runoff west of the building along 12th street cannot drain over the sidewalk to the west.
- There appear to be some ponding between the two buildings along 12th street.
- Provide additional spot elevation to assure that the runoff will be able to get around the back of the building and into the parking lot.
- Provide elevations for the trash enclosure floor drains.
- Show the 100-year water surface elevation on the plans. The water depth appears to be more than 24" in the parking lot. Provide your routing calculations for the parking ponding. Where is the emergency overflow?
- Please provide the bottom of the pond elevations where first flush ponding is proposed. Some areas along the parking lots may have more than 18" of vertical drop. Therefore, handrail will be required. A retaining wall should be used for these areas.
- Is the grate elevation for the double "D" inlet at the bottom of the pond? How does the sidewalk culvert tie into the double "D" inlet?
- There is a proposed sidewalk culvert north side of the southerly building along 12th Street. The culvert encroaches into the handicap ramp. Is the runoff draining to the depressed landscaping area to the southwest corner of the building? Can the runoff be routed to the parking lot? How much runoff is being routed to this area?
- Please correct the force main line size on sheet C3 of 3.
- Show existing contours. Provide contour elevations on sheet C2 of 3.
- Who will be maintaining the storm drain system?

If you have any questions, you can contact me at 924-3999.

Sincerely,


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

C: email