

CITY OF ALBUQUERQUE



November 7, 2012

Glenn S. Broughton, P.E.
Bohannon Huston, Inc.
7500 Jefferson NE
Albuquerque, NM 87109

Re: Presbyterian Systems Office Drainage Management Plan and Grading and Drainage Plan, Engineer's Stamp dated 10-22-12 (B17/D003)

Dear Mr. Broughton,

Based upon the information provided in your submittal received 10-24-12, the above referenced plans cannot be approved for Building Permit until the following comments are addressed:

Drainage Management Plan:

- Is there an existing inlet south of inlet IN-G1 that is being relocated?
- Inlet Table should include the actual water depth at the inlets. Any water depth exceeding +/-10" inches will flood the cars in the parking lot. Water depth at inlets IN-E1 and IN-J1 appear fairly high in the parking lot area. Inlet IN-J1 appears to have a maximum head of 2.68'.
- Was any clogging factor (typically 50%) used when calculating the inlet capacity calculations for the inlets in sump condition?
- Provide storm drain Pipe Capacity Table. Clearly show the pipes and sizes.
- There appear to be double lines where the islands are within Basins I and J.

Grading and Drainage Plan:

- Include the area to the north of Sheet C-103 with existing grades and storm drain structures.
- Please include a note that landscaping within the islands will be depressed where possible.
- Clearly show the inlet grades, inlet inverts, and storm drain pipes and sizes.

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