CITY OF ALBUQUERQUE

July 27, 2010

Michael Balaskovits, P.E.
BOHANNAN-HUSTON, INC.
7500 Jefferson Street NE Courtyard I
Albuquerque, NM 87109

Re: Hoffmantown Church Recreation Area, 8888 Harper Dr. NE,
Permanent Certificate of Occupancy - Approved
Engineer's Stamp dated: 9-18-09 (E-20/D020A)
Certification dated 07-26-10

Dear Mr. Balaskovits,

Based upon the information provided in the Certification received 07-26-10, the above referenced Certification is approved for a release of a Permanent Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3982.

Sincerely,

Timothy E. Sims
Plan Checker—Hydrology Section
Development and Building Services

C: CO Clerk—Katrina Sigala
File

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

File

Bohannan Huston INC.

Courtyard I
7500 Jefferson St. NE
Albuquerque, NM
87109-4335

www.bhinc.com

voice: 505.823.1000
facsimile: 505.798.7988
toll free: 800.877.5332

June 10, 2009

Cherry Hills Neighborhood Association
c/o Mr. Howard Thomas
6809 Red Sky Rd. NE,
Albuquerque, NM 87111

Re: Proposed Hoffmantown Church Park- Pond Drainage Issue

Dear Sirs:

In follow up to our meeting June 4th, 2009 at the office of the City Legal Department, I am writing in regard to the discussion of potential subsurface drainage impacts within Cherry Hills residential neighborhood from the two proposed water harvesting and water quality ponds to homes.

First, some brief comments about regional environmental goals for storm water management. The high desert environment that we live in has encouraged jurisdictional efforts to reduce water consumption, both inside and outside the home. As a result, water harvesting in most all local projects is highly encouraged, if not required. Further, with increasing concerns about Rio Grande River water quality and endangered species issues, jurisdictions are seeking and requiring development projects to enhance the quality of storm water runoff from sites, especially those discharging directly into a natural arroyo systems.

In my professional opinion and to the best of my knowledge and belief, and following discussions with other hydraulic engineers in this office, the proposed ponds do not present a measurable or reasonable risk of subsurface storm water migration hazard to the Cherry Hills homes, for the following reasons (not an exhaustive listing):

North Pond (Water Harvesting Pond)
The north pond is planned only as a shallow 6" deep storm water harvesting pond, collecting runoff from a relatively small area on the north side of the park. An outlet provided in the pond, and discharging to the north to the South Pino Arroyo, prevents standing water at depths greater than this.

At this shallow depth, and given that storm water represents a notably discontinuous source of water to the pond, soils in the immediate vicinity of the pond can be expected to easily absorb and hold this water. Evaporation and plant transpiration activities within the pond will also serve to capture water in the immediate vicinity.

South Pond (Water Quality/Water Harvesting Pond)
The south pond is planned as a relatively shallow 2.5' deep storm water quality (primary goal) and water harvesting pond. The pond collects all design runoff from almost all the park and, for small storm events, a significant area of the existing parking lot of the Church. These flows run through the pond, and are absorbed by soils, evaporated or transpired by plants. An overflow outlet provided in the pond's southeast end, and discharging northerly to the South Pino Arroyo, prevents standing water at depths greater than the 2.5' depth.

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At this relatively shallow depth, and given that storm water represents a notably discontinuous source of water to the pond, soils in the immediate vicinity of the pond can be expected to easily absorb and eventually release this water. Direct evaporation and plant transpiration activities within the pond will also serve to capture water in the immediate vicinity.

The pond is approximately 900' from the nearest Cherry Hills homes. Even given the fact that Cherry Hills Homes are elevationally lower (ie, a downstream vector direction) than the south pond, this distance is a significant detractor from subsurface water flow to the north (toward Cherry Hills). Further, as water seeks the path of least resistance, there are also downstream vectors to the west and to the south. The southward flow vector affecting the path of water is almost directly into the South Pino Arroyo slope, which is less than 50' away and approximately 20' deeper than the south pond. This is the direction that subsurface water would strongly want to flow, and only if not absorbed immediately in the vicinity of the pond. But if this vector direction was blocked somehow, the flow vectors to the southwest and the west remain as strong attractions for any subsurface flow.

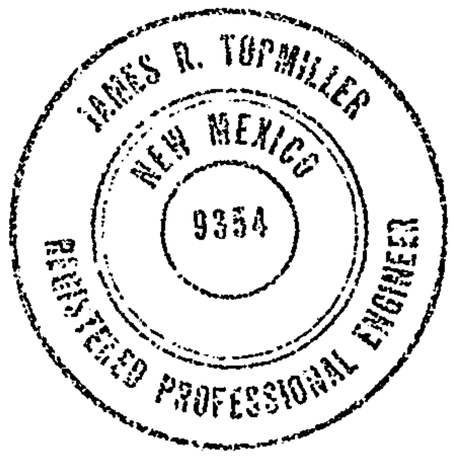
Harper Road itself, and its utility trenches, form a significant block and/or diversion of any possible subsurface flows flowing north.

I am hopeful that this communication and professional statement provides sufficient background and explanation for the subsurface storm water concerns. I am available for further question at any time.

Sincerely,

James R. Topmiller, P.E.
Senior Vice President
Community Development and Planning

JRT/cc



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scale 1"=60'

BASIN
10.22
Q(BH)DEV

Hoffman Town-Church Grading Plan
DWG. C0.1 10/12/95