



Project No. G1622-52-03  
December 15, 2014  
Revised April 8, 2015

Cornerstone Communities  
4365 Executive Drive, Suite 600  
San Diego, California 92121

Attention: Mr. Jack Robson

Subject: ADDITIONAL DETENTION BASIN RECOMMENDATIONS  
SOUTHVIEW EAST  
SAN DIEGO, CALIFORNIA

Reference: *Geotechnical Investigation, Southview East, San Diego, California*, prepared by  
Geocon Incorporated, dated May 20, 2014 (Project No. G1622-52-03).

Dear Mr. Robson:

In accordance with the request of Ms. Emily Boukai with SB&O, we prepared this letter regarding the two proposed detention basins located within the Southview East project. We understand the basins located north of Airway Road east of Building 14 and south of the eastern terminus of Airway Road east of Building 29 will be constructed without a liner at the base of the basin; however, liners will be installed around the perimeter of the basin to help prevent lateral migration of water within area close to the planned finish grade elevations. The liners will extend to an elevation below the base of the planned biofiltration soil mix and will limit water migrating in a horizontal direction that may collect within the basins.

Subsequent to the grading operations and based on a review of Trench T-5 and Boring B-1 from the referenced report, we expect silty sand with gravel from the Very Old Paralic deposits will be exposed at the bottom of the basin located north of Airway Road. We expect the base of the basin located at the southeast portion of the property will be composed of compacted fill.

From a geotechnical engineering standpoint, we opine the detention basins can be constructed without liners at the base of the planned basins. Based on a discussion with the project civil engineer, the storm water will enter the basin and will filter through a selected biofiltration soil mix. We will install subdrains to collect the water after it flows through the biofiltration soil mix. The base of the basin will be sloped to the subdrains to collect the water after the filtration process. This will allow some passive infiltration. We opine storm water infiltration/percolation in the proposed unlined detention basins will not result in soil piping, daylight water seepage, slope instability, ground settlement, or adverse impacts to public improvements or the planned development if the recommendations of this letter are followed.

If you have any questions regarding this correspondence, or if we may be of further service, please contact the undersigned at your convenience.

Very truly yours,

GEOCON INCORPORATED

  
Shawn Foy Weedon  
GE 2714



SFW:dmc

(e-mail) Addressee

(e-mail) SB&O

Attention: Ms. Emily Boukai