CIVIL 360
Planning & Engineering

November 23, 2022

Caitlyn Alcantara, P.E.
Flood Control Engineer Associate
City of Las Vegas Department of Public Works – Flood Control Division
420 N. 4th Street
Las Vegas Nevada, 89101

Subject: TDS for Circle K at Sahara & Maryland (DS05610B)

Attn: Caitlyn Alcantara, P.E.,

This letter is in response to the comments received from your office dated November 14, 2022. The comments are reiterated for your convenience. We believe that the revised plans will address the comments issued and supply the requested information for approval.

Comment #1:

Provide a copy of the zoning/planning conditions associated with this site with the next submittal to verify compliance with conditions. Flood Control will not issue conditional approval of the drainage study without the associated zoning/planning conditions (issued by the City Council). Any associated conditions of approval that revise the site drainage parameters will require that the drainage study be revised and resubmitted.

Response #1: Noted, please refer to the conditions of approval provided.

Comment #2:

The site is adjacent to or crosses an existing or proposed Clark County Regional Flood Control District (CCRFCD) master planned facility. Therefore, CCRFCD concurrence is required prior to final approval of the drainage study.

Please note that effective March 15, 2019, the CCRFCD adopted new requirements for drainage study concurrence submittal. Follow the link below for specific guidance.

http://guslfront.ccrfcd.org/LandDev/LandDev.aspx

Response #2: Noted.

Comment #3:

The site is adjacent to the jurisdiction of Clark County to the south. The engineer must coordinate with Clark County Department of Public Works (CCPW) and incorporate any concerns for boundary conditions along the common borders. CCPW concurrence is required prior to final acceptance of the study.

Response #3: Noted.

Comment #4:

Include "above finish grade" in the following note for all solid grouted walls. Revise the note for all sections showing solid grouting for flood control to indicate "8-inch minimum solid grouted CMU block 3 courses above finish grade with all joints mortared," where 3-courses is 18-inches or twice the depth above the calculated water surface elevation.

Response #4: Notes and section callouts for solid grouting have been revised.

Comment #5:

Provide Sheet C8.02 so we may see detail C showing the Dual NDS 8" Pro Series Channel Drains (Model #833)

Response #5: Sheet C8.02 has been included in the resubmittal.

Comment #6:

Describe what is supposed to happen on the southern boundary of the project site when the wall breaks for the sidewalk that is traveling downstream north.

Response #6: The proposed flood walls overlap to provide flood protection for the building. Should flow hop the curb, the flood wall layout will funnel the excess flow into the landscaping.

Comment #7:

When the finish floor is lower than the adjacent street, the adjacent grade/wall protecting the finish floor must be greater than 18-inches above the adjacent water elevation. The existing adjacent top-of-curb value on Sahara Avenue is 2004.99-ft, the 100-year flow depth is 1.25-ft and the top-of-retaining-wall is 2006.51-ft. The top-of-retaining-wall should be 2007.24-ft. Provide adequate flood protection for the building.

Response #7: Top of wall elevations have been revised to provide adequate flood protection.

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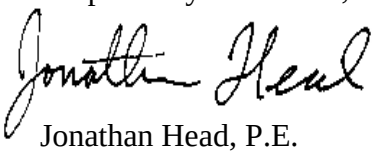
Note: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the Nevada Division of Environmental Protection a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision in considered under construction until all stripped or disturbed surface area have been covered by paving, building construction or planting. Fore more information, including forms and applications see http://ndep.nv.gov/bwpc/storm01.htm or call (775) 687-9429.

Thank you for your time regarding these revisions. Please feel free to contact me should you have any questions at 702-940-6946.

Respectfully Submitted,



Jonathan Head, P.E.
Civil Project Engineer