

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: November 14, 2022
TO: Land Development Services Department of Building & Safety		FROM: Caitlyn Alcantara, P.E. <i>CA</i> Flood Control Engineer Associate Department of Public Works
SUBJECT:	Drainage Study for:	COPIES TO:
	Circle K at Sahara & Maryland	Civil 360 Planning & Engineering
Cross Streets:	Maryland Pkwy. and Sahara Ave.	FEM LLC
File Number:	F:\Depot\DSMemos\DS05610B.doc	Bart Anderson, P.E., DevCo
Parcel Number:	162-03-812-003	CCRFCD
Zoning Action:		CC
FEMA Flood Zone	YES	NO X
Proposed Storm Drain	YES	NO X

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	9/19/2022	10/3/2022	Not Approved	\$400	4958343: \$400
2 nd Submittal	10/31/2022	10/14/2022	See Comments Below	\$400	5021368: \$400
TOTAL FEES (LDDRS):				\$800	----

REMARKS:

The Drainage Study for the subject project has been reviewed and:

	is approved subject to conformance to all City standards and the following conditions:
X	must be resubmitted or supplemented including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.
	is conditionally approved subject to Nevada Department of Transportation concurrence.

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.
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://gustfront.ccrfcd.org/LandDev/LandDev.aspx>

Please note that effective April 6, 2020, only electronic submittals to the CCRFCD will be accepted for regional concurrence. Contact cwang@regionalflood.org for direction.

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.

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.
5. Provide Sheet C8.02 so we may see detail C showing the Dual NDS 8" Pro Series Channel Drains (Model #833).
6. Describe what is supposed to happen on the southern boundary of the project site when the wall brakes for the sidewalk that is traveling downstream north.
7. When the finished floor is lower than the adjacent street, the adjacent grade/wall protecting the finished 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.

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 is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see <http://ndep.nv.gov/bwpc/storm01.htm> or call (775) 687-9429.

END OF REMARKS
HDR/CAA

T/R/S: T21S/R61E/S03
AREA R-03