

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: January 15, 2024		
TO: Land Development Services Department of Community Development – Building & Safety Division			FROM: Jefferson Torrecampo, P.E. Flood Control Eng. Associate Department of Public Works		
SUBJECT: Drainage Study for: Centennial Parkway & N. Shaumber Rd			COPIES TO: Reitz Consulting, Inc.		
Cross Streets:	SEC of Centennial Pkwy & Shaumber Rd		Roohani Kushrow Family Trust		
File Number:	F:\Depot\DSMemos\DS5737.doc		Bart Anderson, P.E., DevCo		
Parcel Number:	126-25-101-014		CCRFCD		
Zoning Action:	22-0417-GPA1, 22-0417-ZON1, 22-0417-SUP1, 22-0417-SUP2, 22-0417-SUP3, 22-0417-SDR1,		CCPW		
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	1/29/2024	1/13/2024	See Comments Below	\$400.00	5625145: \$400
TOTAL FEES (LDDRS):				\$400.00	----

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 Clark County Public Works Department concurrence.

1. 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>

2. The site is also adjacent to *Clark County 215 Beltway*. The engineer must coordinate with *Clark County Public Works Department* (CCPW) and incorporate any concerns for boundary conditions along *Clark County 215 Beltway*. CCPW concurrence is required prior to final approval of the drainage study.
3. Per Item #20 of **22-0417-SDR1**: “Coordinate with the Environmental Compliance & Enforcement staff of the Department of Public Works to locate any required grease interceptor and sand/oil interceptors in acceptable locations prior to submittal of sewer-related plans. Comply with the recommendations and requirements of the Environmental Compliance & Enforcement staff prior to issuance of permits. The team may be contacted at 702-229-6594 or email at ece@lasvegasnevada.gov”.

4. What is the discharge velocity at the southwest corner of the development to the existing area drain? If the velocity is more than 5 ft/s and is erosive, provide a concrete lined channel.
5. The proposed discharge to the existing area drain has increased flow rate from the existing condition. Justify in the next submittal the proposed flow has no impact to the existing CCRFC facility.
6. The finished floor elevation of the proposed building GVG No. 92 is lower than of Centennial Parkway. Provide a flood wall or berm along the back of sidewalk on Centennial Parkway to flood protect the building. Provide cross section showing the wall or berm.
7. Grading Plans: Per detail 5/C6, a berm is shown behind the sidewalk on Shaumber Road. Show the berm on the grading plan, label the top of berm elevation with regular interval.
8. Grading Plans: Identify the existing drop inlet southwest corner of the development. What size and type information?
9. Grading Plans: The flow line shown on the 5-ft landscape, eastern of the development goes to the existing area drain southwest corner of the development. However in Figure-6 and Figure-7, this area is shown as part of basin D2. Clarify in next submittal.
10. The swale slope along eastern side of the development is less than 1%. Provide a concrete valley gutter for better drainage conveyance
11. Provide the standard drainage compliance note on the grading plan: "*I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT (DS5737)*".

***** The City of Las Vegas Flood Control is standardizing the file naming of drainage studies and plans during the digitizing process. When saving the project files in the CD or thumb drive, please follow the system below:**

If drainage study only contains one combined file, use the following naming convention in Document Title:

1st Submittal DS and Plans (for first and original submittal);

2nd Submittal DS and Plans (for second submittal (addendum #1)) etc.

If drainage study contains multiple files, use the following naming convention in Document Title:

1st Submittal DS (for the report of the drainage study)

1st Submittal Plan 1 (could be the drainage condition maps)

1st Submittal Plan 2 (could be the improvement plans) etc.

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.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section*. Additionally, final approval of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

END OF REMARKS
JRT

T/R/S: T19S/R59E/S25
AREA F25