CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM				DATE: December 14, 2022
TO: **Land Development Services** Department of Public Works				FROM: Caitlyn Alcantara, P.E. Engineering Associate Department of Public Works
SUBJECT:	Drainage Study for:			**COPIES TO:**
Centennial Toyota				Keyes Motors, Inc.
Cross Streets:	SEC of Centennial Pkwy. and Janell St.			Lochsa Engineering
File Number:	F:\Depot\DSMEMOS\DS2886C.doc			Bart Anderson, P.E., DevCo
Parcel Number:	125-28-110-004			
Zoning Action:				
FEMA Flood Zone	YES	No	X	
Proposed Storm Drain	YES	No	X	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	4/19/2001	5/1/2001	Not Acceptable	$250	$250
2nd Submittal	6/8/2001	6/20/2001	Conditionally Accepted	$250	$250
3rd Submittal	8/10/2001	8/13/2001	See Comments Below	N/C	N/C
4th Submittal	11/29/2022	12/14/2022	See Comments Below	$100	5060579: $100
			TOTAL FEES (LDDRS):	**$600.00**	**----**

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 overall parking lot improvement area is larger than 1 acre. Per **Section 1500** of the Clark County Regional Flood Control District's Hydrologic Criteria and Drainage Design Manual, the subject improvements must provide for Low Impact Development (LID) measures. Review and address the issue in the next submittal.
2. In several locations, flow is being directed to an A-curb. Either change the A-curb to L-curb or provide an alternative to guide the flow away from the curb.
3. Provide a section showing the project site from the western boundary to the eastern boundary, including the existing properties on either end of the project site.
4. Provide existing grades including grading tags100-feet past any proposed improvements.
5. Explain the purpose of the valley gutter between the proposed building expansion and proposed carwash. The valley gutter between the concrete area and the eastern boundary is valid as it is on asphalt and is channelized by the valley gutter. However the valley gutter between the buildings seems redundant as it connects the concrete of the valley gutter to the concrete of the area.
6. The proposed southern valley gutter does not convey any flow on the east end. If you follow the flowline, on the west end it is channelized and as you go east the flow spills out of the valley gutter traveling south to a new flowline on the border of the proposed improvements.

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
CAA

T/R/S: T19S/R60E/28
AREA G-28