

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>			<b>DATE:</b> February 18, 2025		
<b>TO:</b> Land Development Services Department of Building & Safety			<b>FROM:</b> Stanley Fong, P.E. Flood Control Sr. Engineering Associate Department of Public Works		
<b>SUBJECT:</b>		Drainage Study for:	<b>COPIES TO:</b>		
		<b>Alexander &amp; El Capitan</b>	Actus		
<b>Cross Streets:</b>	Alexander Road & El Capitan Way		Signature Homes		
<b>File Number:</b>	F:\Depot\DSMemos\DS5839A.doc		Lucien Paet, P.E., DevCo		
<b>Parcel Number:</b>	138-05-801-023 & 138-05-801-024		CCRFCDD		
<b>Zoning Action:</b>	24-0631-TMP1		CCPW		
<b>FEMA Flood Zone</b>	YES	NO	<b>X</b>		
<b>Proposed Storm Drain</b>	YES	NO	<b>X</b>		

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 <sup>st</sup> Submittal	02/04/2025	02/18/2025	See Comments Below	\$400	6105904: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$400</b>	<b>----</b>

**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:
<b>X</b>	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. 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 an existing Clark County Regional Flood Control District (CCRFCDD) master planned facility. Therefore, CCRFCDD concurrence is required prior to final approval of the drainage study.

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

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

3. The site is adjacent to Clark County on the northeast corner. CCPW concurrence is required prior to final acceptance of the study.
4. Sites with a grade difference of 2 feet above or below existing grades are required to have approval from the City of Las Vegas Planning and Development Department. The engineer must submit copies of the grading plans and detail sheet with a letter justifying the grade difference to

the City Planning Department (229-6301). The engineer must provide City Planning approval with the next submittal.

5. Figure 7 & 8: Place and label street names and existing MPU facilities.
6. Figure 7 & 8: Verify CP3 reference study? It should be Gowan North Channel DS#4404.
7. Figure 8: Correct the values of depth and velocity for Sections 1 and 3 on Table 4.
8. Figure 8: Verify slopes for cross sections 1 and 5. Explain why are the slopes different at the same location?
9. Provide a 10-year, Section 1 Flowmaster calculations so we may verify the flow split computations.
10. Section C: When a pad is lower than the adjacent finish grade, protection of the pad is necessary. Provide three courses of solid grout on the barrier wall on either El Capitan Way or Alexander Road.

**\*\*\* 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:**

**1<sup>st</sup> Submittal DS and Plans (for first and original submittal);**

**2<sup>nd</sup> Submittal DS and Plans (for second submittal (addendum #1)) etc.**

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

**1<sup>st</sup> Submittal DS (for the report of the drainage study)**

**1<sup>st</sup> Submittal Plan 1 (could be the drainage condition maps)**

**1<sup>st</sup> 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**  
HDR/SF

T/R/S: T20S/R60E/S5  
AREA L-05