

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> October 2, 2023
<b>TO:</b> Land Development Services Department of Community Development – Building & Safety Division		<b>FROM:</b> Albert Sung, P.E. <i>J.T. for</i> Flood Control Project Engineer Department of Public Works
<b>SUBJECT:</b> Drainage Study for: <b>Sage Collegiate Phase II</b>		<b>COPIES TO:</b> Kimley-Horn and Associates, Inc.
<b>Cross Streets:</b>	W. Charleston Blvd. and Hinson St.	Red Hook Sage LLC
<b>File Number:</b>	F:\Depot\DSMemos\DS5702A.doc	Bart Anderson, P.E., DevCo
<b>Parcel Number:</b>	139-31-801-007	CCRFCD
<b>Zoning Action:</b>	XXX-SDR	
<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	9/11/2023	9/28/2023	See Comments Below	\$400.00	5433550: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$400.00</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 (SDR?) 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>

3. Sheet PRO, Proposed Conditions Basin Map: The naming convention of basins and sections are the same, it creates confusion. For example section DON1-A has the same name as basin DON1-A.
4. Sheet PRO, Proposed Conditions Basin Map: Section DON1-A has a tributary basin 1/3 of DON1-A, justify in the next submittal.
5. Sheet EX, Existing Conditions Basin Map: Show contour lines with elevation on the adjacent property (APN 139-31-801-019) for us to determine the flow.

6. Sheet C0.02: Provide up to date City of Las Vegas Storm Management Notes.
7. Sheet C3.00: Where onsite pavement drains toward a curb, provide "L-type" curb and gutter. Change the callout located northwest of the site.
8. Sheet C3.00: It appears that there few spots that are low point, not draining. For example at 68.19TC located at northeast corner.
9. Sheet C3.00: Show the stationing at Charleston Blvd. and Hinson St.
10. Sheet C3.00: Show the existing facility with CLV recorded drawing number at Charleston Boulevard and Hinson Street. Label the size of regional box.
11. Sheet C3.00: Identify the BMB on the grading plan with dimensions.
12. Sheet C3.00: It appears that the driveway is shared with the adjacent property to the south. Obtain a notarized letter of acknowledgement with the property owner to the south.

**\*\*\* 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**  
JRT

T/R/S: T20S/R61E/S31

AREA M31