

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> February 19, 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>
Southern Nevada Public Academic Health Lab (aka Medical Education Building at Shadow & Pinto)		GCW, Inc
<b>Cross Streets:</b>	SEC of Shadow Lane & Pinto Lane	Nevada Health & Bioscience Asset
<b>File Number:</b>	F:\Depot\DSMemos\DS5829B.doc	Lucien Paet, P.E., DevCo
<b>Parcel Number:</b>	139-33-305-020	
<b>Zoning Action:</b>	SDR-78840	
<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	1/9/2025	1/29/2025	See comments below	\$400.00	6073661: \$400
2 <sup>nd</sup> Submittal	2/4/2025	2/19/2025	See comments below	\$100.00	6106072: \$100
			<b>TOTAL FEES (LDDRS):</b>	<b>\$500.00</b>	----

**REMARKS:**

**Update #3 to DS5287: New building and parking area at the northwest corner of the site.**

**Update #2 to DS5287: Rough grade for a future building and parking area at the northeast corner of the site.**

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.

- Figure 9: Hydraulic sections 1 and 2 does not match the grading plans. The grading plans show a valley gutter with a slope of 0.5%.
- Figure 9: Provide a hydraulic section at the southwest corner of the parking area before the 2-ft curb opening.
- Sheet C4.00: Show finished floor elevation of the proposed building.
- Sheet C4.01: The proposed swale south of the parking area needs to be erosion protected for the 100-yr storm.
- Sheet C4.01: Add spot elevations along Pinto Lane north of proposed building.
- Sheet C4.01 & C4.02: Add spot elevations along the existing swale on the east side.

**\*\*\* 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:** 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, conditional acceptance 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.

**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**  
SF

T/R/S: T20S/R61E/33  
AREA M-33