

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: April 18, 2022				
TO: Land Development Services Department of Building & Safety			FROM: Albert Sung, P.E. Flood Control Project Engineer Department of Public Works				
SUBJECT: Drainage Study for: Centennial Hills Hospital – Phase 3 Parking Lot Expansion			COPIES TO: Excel Engineering				
Cross Streets: NEC of Deer Springs Way & Durango Drive			Valley Health System, LLC				
File Number: F:\Depot\DSMemos\DS5149B.doc			Bart Anderson, P.E., DevCo				
Parcel Number: 125-20-610-004							
Zoning Action: 21-0650-SDR1							
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	6/18/2019	6/24/2019	Approved	\$400.00	3456118: \$400
2 nd Submittal (Paid on 4/18/2022)	4/4/2022 & 4/18/2022	4/18/2022	See Comments Below	\$100.00	4742943: \$100
TOTAL FEES (LDDRS):				\$500.00	----

REMARKS:

2nd Submittal: Update for Phase 3 Parking Lots Expansion

1st Submittal: Update for Phase 3 Tower Expansion

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.

For parking lot LID and storm water quality, the engineer must provide calculations (per **Section 1500 of the CCRFCD Hydrologic Criteria and Drainage Design Manual**) to justify that the length, width and depth of the landscape swales are meeting the design guidelines in an effective disconnected impervious areas layout.

2. Provide a note on all grading plans: Post-Construction BMPs (PCBMPs) / Control Measures noted on the Grading Plans are mandatory permanent regulatory stormwater pollution controls. These PCBMPs must be installed per the approved plans and must be permanently maintained.

3. Update the Stormwater Management Notes to the current version with the Improvement Plan submittal to Building Department – Land Development.
4. **Sheet IMP1:** Description “SI-5” shown on the plan is not reflected in the description column. Review and revise accordingly.

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
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T/R/S: T19S/R60E/20
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