

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> December 16, 2021
<b>TO:</b> Land Development Services Department of Building & Safety		<b>FROM:</b> Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
<b>SUBJECT:</b>	Drainage Study for:	<b>COPIES TO:</b>
	<b>Summerlin Village 27 Lake Mead Boulevard Improvements – Scurry Bend Drive to Sunset Run Drive</b>	Atkins
<b>Cross Streets:</b>	Lake Mead Blvd. (Scurry Bend to Sunset Run)	Howard Hughes Company, LLC
<b>File Number:</b>	F:\Depot\DSMemos\DS5488B.doc	Bart Anderson, P.E., DevCo
<b>Parcel Number:</b>	137-15-811-001, 137-15-801-002	
<b>Zoning Action:</b>	N/A	
<b>FEMA Flood Zone</b>	YES                      NO <b>X</b>	
<b>Proposed Storm Drain</b>	YES <b>X</b> NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 <sup>st</sup> Submittal	8/25/2021	9/13/2021	Not Approved	\$400.00	4424030: \$400
2 <sup>nd</sup> Submittal	11/18/2021	12/16/2021	See Comments Below	\$400.00	4542754: \$400
			<b>TOTAL FEES (LDDRS):</b>	<b>\$800.00</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. The subject project is based on the premise that the downstream *Scurry Bend Drive* and the associated storm drain facilities are in place for flood flow perpetuation. The subject drainage study will not be finally approved prior to the posting of the construction bonds of the *Summerlin West Village 22 – Lake Mead Boulevard (Kettle Ridge to Scurry Bend)* street improvements project.
2. The project proposes to build temporary drainage facilities, ie, the berms/swales along the north side of *Lake Mead* roadways for interim flood protection. Prior to final plan approval the developer must complete a maintenance and liability agreement for the interim drainage improvements (berms or channels) and post a minimum maintenance bond of \$50,000 or 50-percent of the construction cost for the improvements, whichever is greater. The engineer must submit an estimate of the quantities for constructing the facility and an exhibit that adequately shows the location and limits of the drainage facility to *City of Las Vegas Flood Control* for approval. Once the drainage study is conditionally approved, the engineer should contact the *City's Land Development Section* (229-6371) to begin the agreement process.

In order for the maintenance bond to be released in the future, a drainage update / letter will be required to justify that the offsite berms / channels are no longer necessary and can be removed.

3. **Second Request:** *All storm drain inlets that are more than 10'-deep require a special structural detail and calculations. Submit structural design and calculations to City Building & Safety Department for review and approval prior to the final approval of the drainage study.*

Provide proof of approval such as an email from the *City Building & Safety Department* in the next submittal.

4. **Sheet 5/31 and Sheet 20/31:** The engineer had added two drop inlets at SDMH #11. However, now that there are two drop inlets with the same number SDDI #6, one is a regular curb type inlet and the other a NDOT Type II. Review and revise accordingly in the next submittal.
5. All interim flood control facilities such as but not limited to berms/ditches and temporary sump are privately owned and to be privately maintained by the *Howard Hughes Company*.

**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**  
HDR/AYS

T/R/S: T20S/R59E/15  
AREA K-15