

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> July 25, 2024
<b>TO:</b> Land Development Services Department of Community Development – Building & Safety Division		<b>FROM:</b> Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
<b>SUBJECT:</b> Drainage Study for: <b>Village 29 Summerlin NP-1 Park</b>		<b>COPIES TO:</b> GCW Engineers & Surveyors
<b>Cross Streets:</b>	SEC of Park Drift Trail & Far Hills Avenue	Howard Hughes Company
<b>File Number:</b>	F:\Depot\DSMemos\DS5787A.doc	Bart Anderson, P.E., DevCo
<b>Parcel Number:</b>	137-28-510-005	CCRFCD
<b>Zoning Action:</b>	24-0295-MOD1	
<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	7/15/2024	7/25/2024	See Comments Below	\$400.00	5845200: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$400.00</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 (**24-0295-MOD1**) 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 G2:** Add the following note as Note #6 in the “*Las Vegas Valley Construction Stormwater Runoff Management*” notes column.

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.

4. **Sheet GD1:** The overflow path of SDDI #7 is not clear. It appears that during a worst case that the inlet is totally clogged, the maximum ponding depth at the inlet will be approximately two feet deep. Revise and limit the maximum ponding depth to 1' in the next submittal.
5. **Sheet GD2:** It also appears that the maximum ponding depth at SDDI #5 is about 2'. Revise to reduce the maximum ponding to 1'.
6. **Sheet GD2:** Provide an expanded view around the proposed RESTROOM to show the detail grading around the building, ie, to clearly verify that the proposed drainage is away from the building.
7. **Sheet GD2:** Address whether there is an existing public drainage easement encompassing an existing 42"RCP running north-south across the subject site. If yes, show and label the drainage easement with *City of Las Vegas* recorded document number. If no, grant a public drainage easement accordingly.
8. **Sheet GD2:** Provide the *Landscaping Plan* to show the clearance between the bridge deck and the riprap swale in the next submittal.
9. **Sheet GD3:** It appears that the maximum ponding depth at SDDI #1 is 1.3'. Reduce and limit the maximum depth to 1'.
10. *City of Las Vegas* does not allow HDPE pipe in public right-of-ways or public drainage easements. Note that *City of Las Vegas* only allows the use of HDPE storm drain pipes for privately owned and privately maintained storm drain systems which serve and are located exclusively on private properties. Any proposed HDPE storm drain pipes must also meet all design criteria established by the *Clark County Regional Flood Control District* and must be installed per *Clark County Regional Transportation Commission Uniform Standard Drawings and Specifications*.
11. Add a note in all pertinent sheets for the construction of all storm drain drop inlets per a newly adopted USDCCA Drawing No. 421 (*Stormwater Quality Management Stamp and Sign Detail*).

**\*\*\* 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**

AYS

T/R/S: T20S/R59E/28

AREA K-28