

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: August 7, 2023
TO: Land Development Services Department of Building & Safety		FROM: Jefferson Torrecampo Flood Control Eng. Associate Department of Public Works
SUBJECT:	Drainage Study for: Summerlin Village 22 NP-2 Park	COPIES TO: GCW Engineers / Surveyors
Cross Streets:	Kettle Ridge Dr. and Fleet Wing Ave.	Howard Hughes Company
File Number:	F:\Depot\DSMemos\DS5691A.doc	Bart Anderson, P.E., DevCo
Parcel Number:	137-14-414-001 & 137-23-112-001	
Zoning Action:	CRG	
FEMA Flood Zone	YES NO X	
Proposed Storm Drain	YES X NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	7/11/2023	8/3/2023	See Comments Below	\$400.00	5350530: \$400
			TOTAL FEES (LDDRS):	\$400.00	----

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:
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.

- Figure 5: In interim condition summary, Hydraulic Section 4, remove basin INT-J3C in the tributary sources.
- Provide calculations for 12" Pipe from SDDI#2 to SDDI #1 using 5.0 cfs.
- Sheet GD: Show slope % of the south landscape area.
- Sheet GD: In drainage certification box, add drainage study DS5691.
- Sheet GD: Show section callout I in grading plan.
- Sheet DT: Rename Section F & Section E to "South" Perimeter Section (Private) and "North" Perimeter Section (Private) accordingly.
- Sheet DT: Show concrete apron in drop inlet type 2 detail.
- Provide maintenance bond for the proposed interim/temporary 12-ft drainage channel to be removed by others with the development of Summerlin Village 22 Parcel F.
- Sheet NT: Add the note below as *Standard Note No. 6* to the "Las Vegas Valley Construction Stormwater Runoff Management – Standard Notes"

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.

***** 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:

- 1st Submittal DS and Plans (for first and original submittal);
- 2nd Submittal DS and Plans (for second submittal (addendum #1)) etc.

If drainage study contains multiple files, use the following naming convention in Document Title:

- 1st Submittal DS (for the report of the drainage study)
- 1st Submittal Plan 1 (could be the drainage condition maps)
- 1st Submittal Plan 2 (could be the improvement plans) etc.

***** In an effort to increase administrative efficiency, for all original and re-submittal packages including updates and the addenda, the City of Las Vegas Public Works Department requires both a hardcopy and a digital copy (PDF) on CD for the drainage study.**

A letter sealed and signed by a Nevada registered civil engineer must be included in every submittal certifying documents on the electronic CD matches 100% of the hardcopy submittal. The new submittal requirement is effective on May 1, 2019. If there are any questions regarding these new requirements, please contact Albert Sung in the City Flood Control Section at (702) 229-6541.



Sample Letter to certify CD.pdf

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/R59E/S14
AREA K-14