

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: May 22, 2024
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:	COPIES TO:
Summerlin Village 29 Parcel GH		Westwood Professional Services
Cross Streets:	SEC of Grand Park Boulevard & Far Hills Drive	Tri Pointe Homes Nevada, Inc.
File Number:	F:\Depot\DSMemos\DS5756B.doc	Bart Anderson, P.E., DevCo
Parcel Number:	137-27-221-001, -002; 137-28-611-002, -003	CCRFCD
Zoning Action:	23-0665-TMP1	
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	3/19/2024	4/9/2024	Not Approved	\$400.00	5672069: \$400
2 nd Submittal	5/7/2024	5/22/2024	See Comments Below	\$400.00	5753885: \$400
TOTAL FEES (LDDRS):				\$800.00	----

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.

1. 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>

2. The proposed project is premised on the flood protection provided by the perimeter streets and the associated storm facilities (*Far Hills Avenue, Grand Park Boulevard, Spring Run Drive and Sky Vista Drive*). The subject improvement plans will not be approved prior to the posting of construction bonds of the stated perimeter street improvements and the storm facilities.
3. **Exhibit D and Sheet G-1:** Re-install DI #1 for it is the only drop inlet between the high point of Subbasin G5 and DI #9 which covers a distance of about 1,840 feet long.

4. **Previous Comment: Sheet G-7 and Sheet G-10:** In CE "L", there is an elevation tag of "3434.83 FG/HP" which is seemingly a typo error when comparing to the adjacent grades.

Also explain whether a high point (ie, a hump) is to be proposed within the CE in the next submittal?

The response was to revise the high point to "3563.07 FG/HP". However, if SDDI #6 becomes totally clogged, the maximum ponding depth at the inlet will be approximately 18" deep which is not acceptable. Lower the high point to limit the ponding depth to 1'-maximum.

5. **Previous Comment: Sheet G-11:** SDDI #10 is shown as a 10' inlet on plans and on Exhibit D, but the calculations provided for the inlet are for 7.5', revise to address the discrepancy.

Although the discrepancy in the length of DI had been addressed, however, the numbering of the DIs had been messed up! SDDI #10 had been changed to SDDI #7; SDDI #11 changed to SDDI #9; SDDI #12 changed to SDDI #8 etc. Review and revise all the drop inlets with the correct numbering in the next submittal.

6. 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.
7. Clearly specify all proposed wrought iron fence/gate to be constructed per Uniform Standard Drawing 425.S1.

***** 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.

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
HDR/AYS

T/R/S: T20S/R59E/27
AREA K-27