

CITY OF LAS VEGAS			DATE:		
INTER-OFFICE MEMORANDUM			February 19, 2019		
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 West Village 21 – Street C Improvements (Carriage Hill Drive to Desert Foothills Drive)			VTN Nevada		
Cross Streets: SEQ Summerlin Pkwy. & Desert Foothill Dr.			Howard Hughes Company		
File Number: F:\Depot\DSMemos\DS5093A.doc			Bart Anderson, P.E., DevCo		
Parcel Number: 137-26-101-001			CCRFCFCD		
Zoning Action: TMP-73332					
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	10/24/2019	2/14/2019	See Comments Below	\$400.00	502717: \$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.

1. The site is adjacent to or crosses an existing or proposed *Clark County Regional Flood Control District* (CCRFCFCD) master planned facility. Therefore, CCRFCFCD concurrence is required prior to final approval of the drainage study.
2. The subject drainage study is premised on the fully developed (ie, constructed) *Desert Foothills Drive* (Redpoint to Summerlin Parkway) and *Summerlin West Village 21 Carriage Hill Drive* (Redpoint to Summerlin Parkway). The subject improvement plans will not be approved prior to the substantial buildout of *Desert Foothills Drive* and *Carriage Hill Drive* and the associated facilities.
3. **Figure 8 (Ultimate Condition Basin Map)**: It appears to be a typo for the AREA of Basin NP-2 in the *Ultimate Condition HEC-1 Summary Table* that 87 acres will generate a 100-year flow of 3 cfs. Review and revise all pertinent calculations and results accordingly.
4. **Grading Plan 3 (GR3)**: It appears that the proposed inlet at Station 29+83.34 on the north side of **Street C** is in a sump condition. Address what is the maximum ponding depth which cannot be more than 18" if the inlet is totally clogged. Also address the emergency flow path during such an event.

5. All storm drain inlets that are more than 10'-deep require a special structural detail. Provide structural calculations and details of the special design inlets to **City Building & Safety** for review and approval prior to the final acceptance of the improvement plans.
6. All offsite interim flood control facilities such as but not limited to berms/ditches and temporary sumps are privately owned and are to be privately maintained by *Howard Hughes Company*. Provide a note as such on the grading plans.
7. 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*).

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: T20S/R59E/26

AREA K-26