

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: March 17, 2022
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 22 - Nighthawk		Impulse Civil Engineering & Planning
Cross Streets:	SWC Kettle Ridge Drive & Fleet Wing Ave.		Howard Hughes Company LLC c/o WLB Group
File Number:	F:\Depot\DSMemos\DS5535C.doc		Bart Anderson, P.E., DevCo
Parcel Number:	A portion of 137-23-211-001		CCRFCD
Zoning Action:	TMP; 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	12/16/2021	1/19/2022	Not Approved	\$400.00	4575121: \$400
2 nd Submittal	2/23/2022 (Paid on 3/16/2022)	3/17/2022	Not Approved	\$400.00	4692663: \$400
Supplement	3/17/2022	3/17/2022	See Comments Below	N/C	N/C
TOTAL FEES (LDDRS):				\$800.00	----

REMARKS:

***** The Conditional Approval of this Drainage Study is to allow the engineer/developer to submit the Improvement Plans to City Land Development Only**

***** Do not submit the Drainage Study to Clark County Regional Flood Control District (CCRFCD) prior to the Structural Design and Calculations being approved by the City Building & Safety Department**

The Drainage Study for the subject project has been reviewed and:

	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
X	is conditionally approved subject to Clark County Regional Flood Control District concurrence.

- This drainage study is acceptable in concept;** however, *City of Las Vegas* will not formally accept the study until the *Clark County Regional Flood Control District (CCRFCD)* has issued a letter of concurrence. The engineer should contact the CCRFCD to confirm that they have begun their review.

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 subject development is under the premise of flood protection by the improved perimeter streets, *Fleet Wing Avenue, Kettle Ridge Drive and Scurry Bend Drive* and the downstream regional facilities in *Kettle Ridge Drive* for flood flow perpetuation. No occupancy permit of the houses will be issued prior to the substantial buildout of the perimeter facilities.
3. The response to previous Comment #9 was that all drop inlets were reduced to a depth of less than 10' so that no special structural review will be necessary.

However, SDMH #4 has a depth of more than 22' which exceeds the standard maximum of 18'. All storm drain manholes that are more than 18'-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.

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/23
AREA K-23