

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: May 20, 2021
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:
		Ahern Rental Bonanza West	Lochsa Engineering
Cross Streets:	SWQ of Martin L. King Blvd & Bonanza Road		DFA LLC – Cory Rosencranse
File Number:	F:\Depot\DSMemos\DS5453A.doc		Bart Anderson, P.E., DevCo
Parcel Number:	139-28-412-001 & 139-28-401-009		CCRFCD
Zoning Action:	21-0196-SDR1		NDOT
FEMA Flood Zone	YES	NO	X
Proposed Storm Drain	YES	NO	X

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	5/5/2021	5/19/2021	See Comments Below	\$400.00	4298187: \$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. Provide a copy of the zoning/planning conditions associated with this site (**21-0196-SDR1**) 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. The project proposes to construct facilities and/or increase flows within *Nevada Department of Transportation* (NDOT) right-of-way. The engineer must contact NDOT for encroachment permit for the proposed project.

4. The subject study should adopt the *City of Las Vegas Central Neighborhood Flood Control Master Plan (March 2005)* for the offsite flows in *Bonanza Road* which shows $Q_{10}/Q_{100} = 58/83\text{cfs}$ at the intersection with *Tonopah Road*.

The proposed BON basin did not address the upstream flow from the intersection of *Bonanza Road* with *Rancho Drive*. The proposed "Offsite Basin Map (OFF1)" is not conclusive that why there is no further flow from the west side of *Rancho Drive* impacting *Bonanza Road*. If the subject study uses the proposed BON as the only basin, provide detail hydrologic analysis which shall include survey map to verify no offsite flows west of *Rancho Drive* for justification.

Address and resolve in the next submittal.

5. Re-evaluate the 10yr/100yr flow depth in *Bonanza Road* base on the City adopted flows and address whether the proposed finished floor elevation of the two new buildings still meet the criteria in the next submittal.
6. 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
AYS

T/R/S: T20S/R61E/28
AREA M-28