

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>			<b>DATE:</b> August 23, 2021		
<b>TO:</b> Land Development Services Department of Building & Safety			<b>FROM:</b> Albert Sung, P.E. Flood Control Project Engineer Department of Public Works		
<b>SUBJECT:</b> Drainage Study for: <b>Craig &amp; Rancho Mass Grading</b>			<b>COPIES TO:</b> Lochsa Engineering		
<b>Cross Streets:</b> SEC of Craig Road & Rancho Boulevard			Pre Rancho Craig LLC		
<b>File Number:</b> F:\Depot\DSMemos\DS5482A.doc			Bart Anderson, P.E., DevCo		
<b>Parcel Number:</b> 138-02-715-001			CCRFC		
<b>Zoning Action:</b> N/A			NDOT		
<b>FEMA Flood Zone</b>		YES	NO	<b>X</b>	
<b>Proposed Storm Drain</b>		YES	NO	<b>X</b>	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 <sup>st</sup> Submittal	8/11/2021	8/23/2021	See Comments Below	\$400.00	4407526: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$400.00</b>	----

**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:
<b>X</b>	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.

- 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.
- The proposed mass rough grading contour pattern does not match the *Developed Condition Basins Map* as shown in Figure 9. The proposed contour lines breach the basin boundary between DOFF2 and DOFF3. Address in the next submittal whether future technical drainage study for onsite improvements will maintain the original drainage basins. If not, an update to the original drainage study must be submitted to address the changes.
- Sheet C3.02:** Provide a storm drain manhole at the angle point between the existing and new RCB culvert.
- Sheet C4.01:** In both the northern and southern SD profiles, it appears that the 100-year HGLs touch the soffit of the culverts which can cause unsteady pressurized condition. Consider increasing the size of the RCB culvert for the last 20' section of box.

**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/R60E/02  
AREA L-02