CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM				DATE: March 20, 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:**
Huckleberry Park Addition				Randy McConnell, P.E.
Cross Streets:	SWC of Farm Road & Egan Crest Drive			Bart Anderson, P.E., DevCo
File Number:	F:\Depot\DSMemos\DS5112A.doc			
Parcel Number:	126-13-701-015			
Zoning Action:	SDR-75968			
FEMA Flood Zone	YES	NO	**X**	
Proposed Storm Drain	YES	NO	**X**	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	3/14/2019	3/20/2019	See Comments Below	N/C	N/C
			TOTAL FEES (LDDRS):	**N/C**	**----**

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 (**SDR-75968**) 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 *Study* stated that, quote: "*An existing temporary ditch and berm along the west boundary of the property site will be left in place to direct surface flows from the contributing basin west of the project site north to Farm Road*".

   Identify the existing facility in all drainage maps and clearly show the ditch/berm on the pertinent grading plans (Sheets CI-2 and CI-3) with top of berm or flow line elevations in the ditch.

3. *Interim* and *Ultimate Condition Drainage Maps*: Revise the north half of *Education Avenue* to show the proposed street improvements such as curb & gutter and sidewalk accordingly.

4. **Sheet CI-2** and **Sheet CI-3**: Label the existing *30'-BLM R/W Grant* encompassing the 8'x5' arch culvert with recorded document number.

5. **Sheet CI-2** and **Sheet CI-3**: With reference to *Section D/DT-1*, a 6'-perimeter wall is proposed along the west boundary. Identify as such on the grading plans. Provide a swale adjacent to the wall.

6. **Sheet CI-3** and **Sheet CI-5**: Revise the line type of the northern half of *Education Avenue* street improvement to reflect as proposed rather than existing. Revise all pertinent section details and construction notes accordingly.

7. **Sheet CI-3**: Address where does the runoff from the proposed concrete splash pad drain to. The discharge from the splash pad must be tied to a sand/oil separator prior to the sanitary sewer system. Provide a note as such or show the connection to the onsite sewer system in the next submittal.

In an effort to increase administrative efficiency, for all original and re-submittal packages including updates and the addenda, the City of Las Vegas Public Works Department requires both a hardcopy and a digital copy (PDF) on CD for the drainage study.

A letter sealed and signed by a Nevada registered civil engineer must be included in every submittal certifying documents on the electronic CD matches 100% of the hardcopy submittal. The new submittal requirement is effective on May 1, 2019. If there are any questions regarding these new requirements, please contact Albert Sung in the City Flood Control Section at (702) 229-6541.

Sample Letter to certify CD.pdf

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: T19S/R59E/13
AREA F-13