

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: February 15, 2023
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:
Centennial Durango - Phase 3		Southwest Hydrology & Hydraulics
Cross Streets:	NEC of Centennial Parkway & Kevin Way	Copper Cart, LLC
File Number:	F:\Depot\DSMemos\DS5638B.doc	Bart Anderson, P.E., DevCo
Parcel Number:	125-20-402-015, 008 & 125-20-499-007, 012	CCPW
Zoning Action:	22-0615-MOD1; 22-0615-SDR1; 22-0615-TMP1; 22-0615-SUP1 to -SUP4 & 22-0615-ZON1	
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	12/22/2022	1/10/2023	Not Approved	\$400.00	5081952: \$400
2 nd Submittal	1/31/2023	2/15/2023	See Comments Below	\$400.00	5125736: \$400
TOTAL FEES (LDDRS):				\$800.00	----

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.

- Per Item #18 of 22-0615-SDR1 conditions, quote: "Contact the City Engineer's Office at 702-229-6272 to coordinate the development of this project with the <Gowan Road North El Capital Branch – Ann Road to Centennial Parkway>, the <Centennial Parkway – Alpine Ridge Way to Durango Drive> project and any other public improvement projects adjacent to this site. Comply with the recommendations of the City Engineer" – end quote.
- The site is adjacent to the *Clark County Beltway* project. The engineer must coordinate with *Clark County Public Works Department (CCPW)* and incorporate any concerns for boundary conditions along the north border. CCPW concurrence is required prior to final acceptance of the study.
- The development is also adjacent to the jurisdiction of *Clark County* to the west and to the south. Concurrence from *Clark County Public Works Department* must be obtained prior to the final approval of the drainage study.

4. The Final Map of the commercial subdivision shall contain the following statement: **“ALL SUBDIVIDED PARCELS COMPRISING THIS COMMERCIAL SUBDIVISION SHALL PROVIDE PERPETUAL INTERSITE COMMON DRAINAGE RIGHTS ACROSS ALL EXISTING AND FUTURE PARCEL LIMITS”**. The final map must be recorded as such prior to the final approval of the improvement plans.
5. **Sheet C2.01:** All offsite flows has been revised to drain through along the north boundary of the subject project. Provide a minimum 10'-wide public drainage easement (privately maintained by the commercial HOA) along the north property line.

Provide hydraulic calculation in a typical section of the drainage easement and verify that the 100-year flow will be fully contained in the easement with adequate freeboard. The drainage easement shall provide a low flow concrete valley gutter as a minimum for the ease of maintenance for the property owners (HOA).

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: T19S/R60E/20
AREA G-20