

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> April 12, 2022
<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>COPIES TO:</b>
Skye Canyon Parcel 2.30		H2OFlow Engineering, LLC
<b>Cross Streets:</b>	NWC of Shaumber Rd. & Eagle Canyon Ave.	Century Communities Nevada, LLC
<b>File Number:</b>	F:\Depot\DSMemos\DS5540B.doc	Bart Anderson, P.E., DevCo
<b>Parcel Number:</b>	126-12-315-002 and 126-12-313-028	CCRFCD
<b>Zoning Action:</b>	21-0472-TMP1 & 21-0662-VAC1	
<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	1/25/2022	2/23/2022	Not Approved	\$400.00	4618622: \$400
2 <sup>nd</sup> Submittal	3/29/2022	4/12/2022	See Comments Below	\$400.00	4709115: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$800.00</b>	<b>----</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.

1. 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>

2. **Second Request: Sheet 6:** End of onsite roadways Millholm and Hartmont, need to be constructed with L curb at the end of the roadway and at least 20 ft upstream of the end of the roadway to optimally collect the onsite flow. Roll curb will not contain the flow and the 100-year flow will jump the curb, provide L-curb as needed.

It is not clear where the transition from Roll-curb to L-curb begins on the plan. Clearly identify the length and transition to L-curb in the next submittal.

3. SDMH #3 is a drop structure to be specially designed. Provide structural design and calculations to the City Building Department for processing. Building Department approval must be obtained prior to the final approval of the subject drainage study.

4. **Sheet 11:** Properly show the footing of the retaining walls. The square (or rectangular) shape of the footing as shown in the last submittal was misleading. Show the footing width per scale.
5. **Sheet 11:** Per the existing ground profile, the existing 24"-RCP stub was under a relatively shallow cover while the proposed two layers of retaining walls above the existing pipe impose much more load on it. Provide a D-Load calculation to prove that the existing 24"-stub is within safe design parameters.
6. **Sheet 4, Sheet 5 & Sheet 7:** An existing *40'-Roadway Slope Easement* (per OR:20180412:01041) is shown along the west boundary of the subject site. This easement must be vacated prior to the final approval of the improvement plans.
7. **Sheet 13 (Overall Easement Exhibit):** The minimum width of public drainage easement is 5'. Review and revise accordingly.

**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/R59E/12  
AREA F-12