

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> May 7, 2024
<b>TO:</b> Land Development Services Department of Building & Safety		<b>FROM:</b> Tyler Key Flood Control Engineering Associate Department of Public Works
<b>SUBJECT:</b>	Drainage Study for:	<b>COPIES TO:</b>
Robison, Dell H. Early Choice College High School		GCW, Inc.
<b>Cross Streets:</b>	Marion Dr & Harris Ave	Clark County School District
<b>File Number:</b>	F:\Depot\DSMemos\DS05729B.doc	
<b>Parcel Number:</b>	140-29-701-001	
<b>Zoning Action:</b>	23-0551-VAR1; -VAR2; -SDR1	
<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	01/04/2024	1/16/2024	Not Approved	\$400	5580481: \$400
2 <sup>nd</sup> Submittal	4/22/2024	5/7/2024	See Comments Below	\$400	5728989: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$800</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.

- Sheet C3.02:** Provide a flow line for the area discharging through the sidewalk underdrain in the northwest corner of the project site. Provide the slope and spot elevations of the flow line.
- Provide a different note to differentiate between BMP swales and rip rap swales. The rip rap swale to the north side of the project site is not being used to discharge any parking area, and therefore is not a BMP swale.
- The rip rap swale to the north end of the project site has a slope of 0.5%. All drainage swales under a 1% slope must be a concrete valley gutter. Revise the slope to be at least 1% or provide a concrete valley gutter.
- The flow within the northern rip rap swale is overtopping the curb to the south. Revise the swale to ensure that all of the flow is contained within the swale.
- The 36" storm drain in Harris Ave. is shown as RCP when it is a CMP pipe. Review and revise accordingly.

**\*\*\* The City of Las Vegas Flood Control is standardizing the file naming of drainage studies and plans during the digitizing process. When saving the project files in the CD or thumb drive, please follow the system below:**

**If drainage study only contains one combined file, use the following naming convention in Document Title:**

**1<sup>st</sup> Submittal DS and Plans (for first and original submittal);**

**2<sup>nd</sup> Submittal DS and Plans (for second submittal (addendum #1)) etc.**

**If drainage study contains multiple files, use the following naming convention in Document Title:**

**1<sup>st</sup> Submittal DS (for the report of the drainage study)**

**1<sup>st</sup> Submittal Plan 1 (could be the drainage condition maps)**

**1<sup>st</sup> Submittal Plan 2 (could be the improvement plans) etc.**

**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.

**NOTE:** Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section*. Additionally, final approval of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

**END OF REMARKS**

TJK

T/R/S: T20S/R62E/S29

AREA N-29