

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: January 18, 2024	
TO: Land Development Services Department of Building & Safety		FROM: Tyler Key Flood Control Engineering Associate Department of Public Works	
SUBJECT: Drainage Study for:		COPIES TO:	
Robison, Dell H. Early Choice College High School		GCW, Inc.	
Cross Streets:	Marion Dr & Harris Ave	Clark County School District	
File Number:	F:\Depot\DSMemos\DS05729A.doc		
Parcel Number:	140-29-701-001		
Zoning Action:			
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	01/04/2024	1/16/2024	See Comments Below	\$400	5580481: \$400
TOTAL FEES (LDDRS):				\$400	----

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 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. **Figure 6:** Provide hydraulic calculations for Existing 10-Year Section 3 Depth and Velocity.
3. **Figure 6 & 7:** Cross sections 1 & 2 show that the west side of Marion Drive will overtop the crown of the street. Provide full street sections to better reflect the flows within Marion Drive.
4. Provide a note on all grading plans: **Post-Construction BMPs (PCBMPs) / Control Measures noted on the Grading Plans are mandatory permanent regulatory stormwater pollution controls. These PCBMPs must be installed per the approved plans and must be permanently maintained.**
5. **Sheet C3.03:** Landscape swale that the courtyard drains to is less than 1%, so it must be concrete lined.
6. **Sheet C3.04:** Callout sidewalk underdrain and the end of the swale on the northeast corner of the site.

7. **Sheet C3.05:** The high point at the entrance off Marion Drive does not meet the requirement of 6" above the flow depth in Marion Drive. Revise grading to provide adequate protection from offsite flow.
8. **Sheet C3.05:** Remove the matchline note to the west side of the subject site.

***** 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:

1st Submittal DS and Plans (for first and original submittal);

2nd Submittal DS and Plans (for second submittal (addendum #1)) etc.

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

1st Submittal DS (for the report of the drainage study)

1st Submittal Plan 1 (could be the drainage condition maps)

1st 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