

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: June 27, 2022
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:
Gilmore 2.14		TCE
Cross Streets:	NW Gilmore Ave & Campbell Road	Signature Homes
File Number:	F:\Depot\DSMemos\DS5544B.doc	Bart Anderson, P.E., DevCo
Parcel Number:	138-08-101-030	
Zoning Action:	SDR-21-0671	
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	2/03/2022	2/22/2022	Not Approved	\$400	4637329: \$400
2 nd Submittal	5/31/2022	6/27/2022	See Comments Below	\$400	4809776: \$400
TOTAL FEES (LDDRS):				\$800	----

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. Sites with a grade difference of 2 feet above or below existing grades are required to have approval from the City of Las Vegas Planning and Development Department. The engineer must submit copies of the grading plans and detail sheet with a letter justifying the grade difference to the City Planning Department (229-6301). The engineer must provide City Planning approval with the next submittal.
2. The grading plan indicates offsite grading onto CLV land, Garehime Heights Park. Secure a letter of permission from the City of Las Vegas Parks & Recreation allowing the grading and access. This letter is required prior to final acceptance of the drainage study.
3. The grading plan indicates offsite grading onto Seton Academy. Secure a notarized letter of permission from the property owner allowing the construction. This letter is required prior to final acceptance of the drainage study.
4. **Figure 7:** Revise to include a summary table of the storm drain facilities (sizes and flow collected or contained).
5. The existing condition HEC-1 still contains basin FAOF. Include basin FAOF in the SF4 to address initial travel time, travel time, and T-lag.

6. Basin DE in SF4 indicates an initial travel time to be 120-ft though the drainage easement is not more than 10-ft wide. Revise and review accordingly.
7. Exhibits 5-7 and SF4 indicate a basin DE. However, basin CE is represented in the proposed HEC-1. Revise and review accordingly.
8. Provide computations for an emergency overflow path for facilities DI1 and DI2.
9. Revise the SF6 to match the inverts in and out of the manhole as well as the length of the pipe.
10. Private streets must be public drainage easements. Provide a note on the grading plans "Note: All private streets are P.U.E., Public Sewer Easements, and Public Drainage Easements to be privately maintained by HOA."
11. **Sheet G-1:** Include grades for the proposed sidewalk connecting the park's existing sidewalk.
12. **Sheet G-1:** Provide existing and proposed contours on the grading plan. Existing contour must be extend 100-ft beyond proposed improvements.
13. **Sheet D-1:** Cross Section 2-D1 calls out the right-of-way to be 47-ft, however, when the lengths are added it sums up to 48-ft. Revise accordingly.
14. **Sheet D-1:** Cross Section 7-D1 calls out the drainage easement to be made of concrete. Since there is no surface flow, it is unnecessary.
15. **Sheet P-3:** Provide Q_{100} and HGL for the storm drain alignment on the improvement plans.
16. **Sheet P-3:** SDMH#2 and DI#2 invert tags on the grading plan view do not match the invert tags in the profile view of the storm drain. Review and revise accordingly.
17. **Sheet P-3:** In the profile, invert in tags are lower than invert out tags. 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) 687-942

END OF REMARKS
HDR/OSK/CAA

T/R/S: T20S/R60E/S08
AREA L-08