

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE: July 29, 2025</b>
<b>TO:</b> Land Development Services Department of Community Development – Building & Safety Division		<b>FROM:</b> Neil Wacaser, P.E. <i>NW</i> Flood Control Project Engineer Department of Public Works
<b>SUBJECT:</b> Drainage Study for: <b>Mayfair</b>		<b>COPIES TO:</b> Westwood P.S., Inc.
<b>Cross Streets:</b>	Log Cabin Road & Alpine Ridge Way	
<b>File Number:</b>	F:\Depot\DSMemos\DS5882A.doc	
<b>Parcel Number:</b>	126-01-301-018	
<b>Zoning Action:</b>	25-0233-TMP1	
<b>FEMA Flood Zone</b>	YES	NO <b>X</b>
<b>Proposed Storm Drain</b>	YES <b>X</b>	NO <b>X</b>

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 <sup>st</sup> Submittal	6/25/2025	7/29/2025	See Comments Below	\$400	\$400 6294554
<b>TOTAL FEES (LDDRS):</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.

- It is noted that the offsite flows from the west shown in the Kyle Canyon and SMP drainage study (DS5867) are referenced for this study. While that is acceptable, show the new Mayfair subbasins on the soils map and the land use map.
- This drainage study will not be fully approved until drainage study #DS5867 is fully approved.
- The detention basin discharge calculations only include the rectangular orifice. Provide discharge computations that include orifice #1 and orifice #2 to verify inflow and outflow calculations.
- Check the HEC-1 input for the elevation of the detention basin. The HEC-1 input sheet says the elevation is 910.0 feet. Verify and correct if necessary.
- Provide a detail for the headwall – 36” RCP connection. The detail shown on sheet D-2 is for connection to a RCB.
- Provide fencing around entire portion of the basin perimeter which is not restricted by a CMU wall.
- Provide a gate for access to the basin from Sheperd Market Street per CCAUSD 425.S1
- The access road into the detention basin must be concrete.
- Provide 5’ walkable access on top of the basin where it is bounded by Lots 1, 2, 5 and 6.
- Provide a valley gutter into the low flow outfall pipe.
- Show the 100-year water surface elevation in the detention basin.

12. Provide depth and sediment gauges for the basin.
13. Provide as much separation as possible between the inflow pipe and the outfall pipe in the detention basin.
14. Provide a cross-section detail for the basin spillway.
15. Provide up to date BMP/Stormwater notes.

**\*\*\* 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**  
NW

T/R/S: T19S/R59E/S01  
AREA F01