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| <b>CITY OF LAS VEGAS<br/>INTER-OFFICE MEMORANDUM</b>                  |  |   | <b>DATE:</b><br>May 12, 2025   |
| <b>TO:</b><br>Land Development Services<br>Department of Public Works |  |   | <b>FROM:</b><br>Tyler Key<br>Flood Control Engr. Associate<br>Department of Public Works |
| <b>SUBJECT:</b>   |  | Drainage Study for:                                 | <b>COPIES TO:</b>  |
|   |  | <b>Nevada Energy Northwest Substation Expansion</b> | Power Engineers, Inc.  |
| <b>Cross Streets:</b>   | SWC of Shaumber Ave. & Moccasin Blvd.        |   | Nevada Energy  |
| <b>File Number:</b>   | F:\Depot\DSMemos\DS5819C.doc                 |   | Lucien Paet, P.E., DevCo   |
| <b>Parcel Number:</b>   | 126-01-101-001 & 126-01-101-017              |   | CCRFCD   |
| <b>Zoning Action:</b>   | 24-0046-GPA1; 24-0046-ZON1 &<br>24-0046-SDR1 |   | CCPW   |
| <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 Transaction # |
|----------------------------|---------------|---------------|--------------------|-------------------|-------------------------|
| 1 <sup>st</sup> Submittal  | 11/14/2024    | 11/27/2024    | Not Approved       | \$400.00          | 6012152: \$400          |
| 2 <sup>nd</sup> Submittal  | 2/5/2025      | 2/24/2025     | Not Approved       | \$400.00          | 6117478: \$400          |
| 3 <sup>rd</sup> Submittal  | 4/30/2025     | 5/12/2025     | See Comments Below | \$400.00          | 6220059: \$400          |
| <b>TOTAL FEES (LDDRS):</b> |               |               |                    | <b>\$1,200.00</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 Department of Development Services 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. The site is also adjacent to the jurisdiction of Clark County to the north. The engineer must coordinate with *Clark County Public Works Department* (CCPW) and incorporate any concerns for boundary conditions along *Moccasin Road*. CCPW concurrence is required prior to final approval of the study. Provide proof from a CCPW representative that they have no issues with the proposed study.
3. A review of the grading plan shows an elevation difference of approximately 4-feet of cut/fill adjacent to (un)developed properties. 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.

4. Provide a detail showing the adequate bedding for the rip-rap outfall as outlined in Section 705.4.3 of the CCRFCD's *Hydrologic Criteria and Drainage Design Manual*.
5. Show the hydraulic cross sections and provide a table showing the flow information for each culvert provided in Appendix H on the Proposed On-Site Drainage Exhibit.

**\*\*\* 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**  
Ays/TJK

T/R/S: T19S/R59E/01  
AREA F-01