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|----------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------|--|
| <b>CITY OF LAS VEGAS<br/>INTER-OFFICE MEMORANDUM</b>                                                           |  |                                                | <b>DATE:</b><br>September 17, 2024                                                                |                            |  |
| <b>TO:</b><br>Land Development Services<br>Department of Community Development –<br>Building & Safety Division |  |                                                | <b>FROM:</b><br>Tyler Key<br>Flood Control Engineering<br>Associate<br>Department of Public Works |                            |  |
| <b>SUBJECT:</b>                                                                                                |  | Drainage Study for:                            |                                                                                                   | <b>COPIES TO:</b>          |  |
|                                                                                                                |  | <b>Pickleball Complex at Wayne Bunker Park</b> |                                                                                                   | Kleinfelder, Inc.          |  |
| <b>Cross Streets:</b>                                                                                          |  | Buffalo Dr. & Constantinople Ave.              |                                                                                                   | City of Las Vegas          |  |
| <b>File Number:</b>                                                                                            |  | F:\Depot\DSMemos\DS05768C.doc                  |                                                                                                   | Bart Anderson, P.E., DevCo |  |
| <b>Parcel Number:</b>                                                                                          |  | 138-10-101-019                                 |                                                                                                   | CCRFCDC                    |  |
| <b>Zoning Action:</b>                                                                                          |  | 23-0382-VAR1; -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<br>Payment Trn # |
|----------------------------|---------------|---------------|------------------------------|--------------|----------------------------|
| 1 <sup>st</sup> Submittal  | 5/2/2024      | 5/15/2024     | Not Approved                 | \$400        | 5748692: \$400             |
| 2 <sup>nd</sup> Submittal  | 7/8/2024      | 7/24/2024     | See Comments Below           | \$400        | 5858325: \$400             |
| CCRFCDC                    | 8/15/2024     | 9/17/2024     | CCRFCDC Concurrence Received | N/C          | N/C                        |
| <b>TOTAL FEES (LDDRS):</b> |               |               |                              | <b>\$800</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:         |
|          | must be resubmitted or supplemented including the following:                                   |
|          | is conditionally approved subject to Clark County Regional Flood Control District concurrence. |
| <b>X</b> | is conditionally approved subject to Clark County Public Works Department concurrence.         |

1. The engineer must coordinate with *Clark County Public Works Department (CCPW)* and incorporate any concerns for boundary conditions along the southern border. CCPW concurrence is required prior to final approval of the study.
2. A review of the grading plan shows an elevation difference of approximately 3-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.

Comments for approval in improvement plans:

3. **Sheet GR-01:** Show the existing spot elevations throughout the existing parking lot on the north side of the project site to ensure positive drainage out of the site.

4. It is noted the project is proposing varying improvements including general landscaping over the existing triple 13'X8' RCB of the District's MPU facility GONO 0009. Note that root barrier and moisture barrier over storm drain facilities must be provided anytime landscaping is proposed within drainage easements. As discussed with the City of Las Vegas, clarify note for root barrier and moisture barrier requirements when landscaping is proposed over an existing storm drain facility.

**\*\*\* 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/R60E/S10  
AREA L10