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| <b>CITY OF LAS VEGAS<br/>INTER-OFFICE MEMORANDUM</b>                       |  | <b>DATE:</b><br>May 4, 2023   |
| <b>TO:</b><br>Land Development Services<br>Department of Building & Safety |  | <b>FROM:</b><br>Albert Sung, P.E.<br>Flood Control Project Engineer<br>Department of Public Works |
| <b>SUBJECT:</b>  | Drainage Study for:<br><b>Kyle Canyon Road &amp; Oso Blanca Road</b> | <b>COPIES TO:</b><br>ACG Design   |
| <b>Cross Streets:</b>  | SWC Kyle Canyon Rd. & Oso Blanca Road                                | Kyle Canyon Next & Last Frontier  |
| <b>File Number:</b>  | F:\Depot\DSMemos\DS5573E.doc   | Bart Anderson, P.E., DevCo  |
| <b>Parcel Number:</b>  | 126-01-702-007   | CCRFC   |
| <b>Zoning Action:</b>  | 22-0102-TMP1; 22-0106-SDR1 &<br>22-0106-SUP1                         | NDOT  |
| <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<br>(Paid on 6/14/2022)  | 5/25/2022 &<br>6/14/2022   | 6/15/2022     | Not Approved         | \$400.00          | 4827859: \$400             |
| 2 <sup>nd</sup> Submittal<br>(Paid on 8/15/2022)  | 8/10/2022 &<br>8/15/2022   | 8/30/2022     | Not Approved         | \$400.00          | 4908948: \$400             |
| 3 <sup>rd</sup> Submittal<br>(Paid on 12/14/2022) | 11/30/2022 &<br>12/14/2022 | 12/19/2022    | Not Approved         | \$400.00          | 5073107: \$400             |
| 4 <sup>th</sup> Submittal                         | 1/23/2023                  | 1/31/2023     | Conditional Approval | \$400.00          | 5114162: \$400             |
| Supplement  | 4/18/2023                  | 5/4/2023      | See Comments Below   | N/C               | N/C                        |
| <b>TOTAL FEES (LDDRS):</b>                        |                            |               |                      | <b>\$1,600.00</b> | ----                       |

**REMARKS:**

The Drainage Study for the subject project has been reviewed and:

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| <b>X</b> | 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. |
|          | is conditionally approved subject to Clark County Public Works Department concurrence.         |

1. The project proposes to construct facilities and/or increase flows within *Nevada Department of Transportation* (NDOT) right-of-way. The engineer must contact NDOT for encroachment permit for the proposed project.
2. The proposed transition structure from a 54"-storm drain to a dual 6'x3' RCBs is a special designed facility. All special structures and mainline storm drain connection (such as between the existing and the new 2# 6'x3'-RCBs) require details and structural calculations to be reviewed by the *City of Las Vegas Building & Safety Department*. Approval by the *Building Department* must be obtained prior to the final approval of the improvement plans.

3. **Sheet C7** and **Sheet C16**: The two storm drain manholes on the dual 6'x3'-RCB will have a special design to accommodate for the shallow depth of cover (1.5' only) at the location under *Oso Blanca Road*. Provide special structural design and calculations to *City Building Department* for review and approval prior to the final approval of the improvement plans.

**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, conditional acceptance 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.

**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.

**END OF REMARKS**  
AYS

T/R/S: T19S/R59E/01  
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