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| CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM | | | DATE: July 17, 2024 |
| 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: |
| Las Vegas Lone Mountain Temple | | | Kimley–Horn & Associates |
| Cross Streets: | SEC of Grand Canyon Dr. & Hickam Avenue | | Church of Jesus Christ of Latter-day Saints - Lance Berrey |
| File Number: | F:\Depot\DSMemos\DS5774B.doc | | Bart Anderson, P.E. DevCo |
| Parcel Number: | 138-06-801-010 and 138-06-801-018 | | CCPW |
| Zoning Action: | 24-0152-SDR1 | | |
| FEMA Flood Zone | YES | NO | X |
| Proposed Storm Drain | YES | NO | X |

| HISTORY | DATE RECEIVED | DATE REVIEWED | COMMENTS | REVIEW FEES | FEES PAID Payment Trn # |
|----------------------------|---------------|---------------|--------------------|-----------------|----------------------------|
| 1 st Submittal | 5/16/2024 | 6/6/2024 | Not Approved | \$400.00 | 5768442: \$400 |
| 2 nd Submittal | 7/3/2024 | 7/17/2024 | See Comments Below | \$400.00 | 5839824: \$400 |
| TOTAL FEES (LDDRS): | | | | \$800.00 | ---- |

REMARKS:

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

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| | 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. Provide a copy of the zoning/planning conditions associated with this site (**24-0152-SDR1**) with the next submittal to verify compliance with conditions. *Flood Control* will not issue conditional approval of the drainage study without the associated zoning/planning conditions (issued by the *City Council*). Any associated conditions of approval that revise the site drainage parameters will require that the drainage study be revised and resubmitted.
2. 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.
3. The site is adjacent to the jurisdiction of *Clark County* to the north, east and west. The engineer must coordinate with *Clark County Public Works Department (CCPW)* and incorporate any concerns for boundary conditions along the north, east and west borders. CCPW concurrence is required prior to final approval of the subject study.

4. Per previous Comment #14: The revised existing and proposed drainage maps showed that at the intersection of *Hickam* and *Tee Pee*, the 100-year split flow in *Hickam* will increase from 17cfs to 35cfs and in *Tee Pee* from 3cfs to 21cfs post development of the subject project. Provide hydraulic calculations to prove that the existing houses in the *County* jurisdiction will not be inundated in the next submittal.
5. **Sheet C5.06:** Per the profile of the streets, *Hickam* and *Tee Pee*, the meeting point of the two streets will lead to a low point. Address how to drain the low point in the next submittal.

***** 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:

1st Submittal DS and Plans (for first and original submittal);

2nd Submittal DS and Plans (for second submittal (addendum #1)) etc.

If drainage study contains multiple files, use the following naming convention in Document Title:

1st Submittal DS (for the report of the drainage study)

1st Submittal Plan 1 (could be the drainage condition maps)

1st 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
HDR/AYS

T/R/S: T20S/R60E/06
AREA L-06