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| CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM | | | DATE: August 1, 2022 |
| 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: |
| | | Skye Canyon Park – Phase 1 - Addition | Westwood |
| Cross Streets: | SWC Skye Canyon Park Bl & Skye Village Dr | | Century Communities Nevada, LLC |
| File Number: | F:\Depot\DSMemos\DS4707E.doc | | Bart Anderson, P.E., DevCo |
| Parcel Number: | 126-12-000-001 | | CCRFCD |
| Zoning Action: | Skye Canyon Development Agreement | | |
| 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 | 10/30/2014 | 12/10/2014 | Not Approved | \$400.00 | 375470: \$400 |
| 2 nd Submittal | 2/3/2015 | 2/19/2015 | Not Approved | \$400.00 | 384502: \$400 |
| Revised Memo | 3/3/2015 | 3/3/2015 | Conditional Approval | N/C | N/C |
| Supplement | 5/14/2015 | 6/1/2015 | Approved | N/C | N/C |
| 3 rd Submittal & Supplement | 8/19/2015 & 9/1/2015 | 9/2/2015 | Approved | \$100.00 | 411589: \$100 |
| 4 th Submittal | 7/14/2022 | 8/1/2022 | See Comments Below | \$100.00 | 4865190: \$100 |
| TOTAL FEES (LDDRS): | | | | \$1,000.00 | ---- |

REMARKS:

4th Submittal: Update #2 for additional facilities to Skye Canyon Park

3rd Submittal: Update #1 for Minor Site Layout Changes

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 until the <i>Skye Canyon Development Agreement</i> is approved by the <i>City of Las Vegas City Council</i> |

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. **Sheet G-1 and Sheet D-1:** *Cross Sections 8/D-1 & 10/D-1* on the plan and the detail on the *Detail Sheet* showed that the riprap swale is with 5:1 side slope, however, the hydraulic calculation sheet in the *Update* showed 10:1 side slope.

Revise to match each other in the next submittal. Note that the 100-year flow of 17cfs must be contained in the riprap swale.

3. Provide a minimum 10'-wide public drainage easement (privately maintained by the HOA) encompassing the riprap swale. The drainage easement is required until it meets public roadway for discharge.
4. **Sheet G-1:** It is not clear how the riprap swale eventually discharge through the existing park. The 100-year flow velocity in the riprap swale is erosive, therefore, the required drainage easement as stated above in Comment #3 shall be fully riprap lined. Review and revise accordingly.
5. **SDDI #01** is proposed in the adjacent community. Obtain a notarized letter of permission for construction from the adjacent community HOA prior to the final approval of the subject drainage update.
6. Provide construction detail of how the proposed SDMH #01 tie with a new 18"-RCP to an existing 54"-RCP in the next submittal.
7. An existing 3'x2' NDOT Type II inlet at the proposed dog park area is to be removed. Address in the next submittal how the dog park area drainage is to be conveyed and collected.

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

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T/R/S: T19S/R59E/07

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