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| CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM | | | DATE: April 9, 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: |
| | | Fort Apache - Sky Pointe Storage | Reynolds Engineering Co. |
| Cross Streets: | NWC of Sky Pointe Drive & Fort Apache Rd. | | 95 Storage LLC |
| File Number: | F:\Depot\DSMemos\DS5557A.doc | | Bart Anderson, P.E., DevCo |
| Parcel Number: | 125-07-710-001 | | NDOT |
| Zoning Action: | 21-0530-TMP1; 21-0530-SUP1; 21-0530-SDR1 & 21-0530-VAR1 | | |
| 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 | 3/24/2022 | 4/9/2022 | See Comments Below | \$400.00 | 4704077: \$400 |
| TOTAL FEES (LDDRS): | | | | \$400.00 | ---- |

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. |

- 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.
- Sheet D1 and Sheet D2:** Provide street name on the street located at east side of the site.
- Sheet D2:** Section 1 velocity on **100-Year Street Flow Summary table** does not match with Flow master. Flow master calculation show 4.63 ft/s and summary table shows 4.10 ft/s. Revise accordingly.
- Sheet D2:** Acreage adds to 3.92 acres instead of 3.88.
- The subject development is adjacent to the ramp N US95 (NDOT right-of-way) which is higher than the whole site. The ramp and the side slope sheet flows and impact the subject site. Per *Detail Section B/C5.01*, it appears that the development is accepting the offsite flow. However, if this is the case, the offsite flow will overspill the proposed retaining wall which is not allowed. Address and resolve in the next submittal.

6. **BMP on Sheet C2.02** – Provide verification that the water quality design storm flow of 1.65 cfs is captured in the 2 – year design storm. The BMP located on the east sides (adjacent the entrance) has a 6% grade slope indicating that much of the flow is likely to bypass the curb opening to the BMP. Address and resolve in the next submittal.
7. Provide a note on the improvement plans: Post-Construction BMPs (PCBMPs) / Control Measures noted on the Grading Plans are mandatory permanent regulatory stormwater pollution controls. These PCBMPs must be installed per the approved plans and must be permanently maintained.
8. Update the Stormwater Management Notes to the current version with the Improvement Plan submittal to Building Department – Land Development.

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
HDR/AYS

T/R/S: T19S/R60E/07
AREA G-07