

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: December 12, 2024
TO: Land Development Services Department of Community Development – Building & Safety Division			FROM: Oh-Sang Kwon, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:		Drainage Study for:	COPIES TO:
BLM 505 – Kyle Detention Basin Alternatives Assessment			Westwood professional Service
Cross Streets:	NWC of Sheep Mountain Pkwy and Centennial Pkwy		USA and Canyon Walk, LLC
File Number:	F:\Depot\DSMemos\DS5814A.ZNA.doc		Bart Anderson, P.E., DevCo
Parcel Number:	126-14-501-001, 125-23-501-002, 125-26- 101-003		CCRFCD, CNLV
Zoning Action:	N/A		
FEMA Flood Zone	YES	X	NO
Proposed Storm Drain	YES	X	NO

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	10/28/2024	12/12/2024	See Comments Below	\$400.00	5991351: \$400
TOTAL FEES (LDDRS):				\$400.00	----

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:
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. The proposed Kyle Canyon Detention Basin Alternative Assessment impacts *Clark County Regional Flood Control District* (CCRFCD) master planned facility. Therefore, CCRFCD concurrence is required prior to final approval of the drainage study.
2. The proposed Kyle Canyon Detention Basin Alternative Assessment impacts *City of North Las Vegas* (CNLV) BLM Grant. Therefore, CNLV concurrence is required prior to final approval of the drainage study.
3. Please note that this study is an alternative assessment of capacity and limit of the Kyle Canyon Detention expansion and does not constitute as a Technical Drainage Study for releasing/adjusting existing BLM Grant. A part of BLM 505 Technical Drainage Study for adjusting southern limit/modification of the Kyle Canyon Detention Basin must be approved prior to releasing/adjusting existing BLM Grant.
4. Address the following comments regarding Version 1:

- a. Provide excavation volume, backfill volume and net export volume and add each item to the cost estimate. Remove Fine Grading Site and Hard Rock Allowance from the cost estimate.
 - b. Expand basin to the south first to gain necessary volume before expanding to the north and west. Also, it's not clear why existing east embankment is being graded. Do not change existing east embankment slope.
 - c. Keep bottom of the basin slope same between all three versions.
5. Provide a color contour to distinguish between existing, cut, and fill contour lines.
 6. Remove red area from the all exhibits. It's a part of BLM Grant area for the Kyle Canyon Detention Basin.
 7. Provide excavation volume, backfill volume and net export volume and add each item to the cost estimate for versions 2 and 3. Remove Fine Grading Site and Hard Rock Allowance from the cost estimate.
 8. Show limit of proposed new Kyle Canyon Detention Basin R/W limits. Provide minimum of 25-ft buffer from the western edge of BLM Grant/Red Rock Conservation Area Boundary and 25-ft from the edge of embankment toe. Street R/W should not be a part of 25-ft clear zone from the base of embankment toe.

***** 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
OSK

T/R/S: T19S/R59E/23 & 26
AREA F-23